Auckland-wide Network Discharge Consent

Annual Report 2019-2020

Final Draft - September 2020

Watercare

An Auckland Council Organisation

Table of Contents

Table of Contents i

1 Introduction 1

2 Overview 2

3 Dry Weather Overflows 10

4 Wet Weather Overflows 18

5 Inflow and Infiltration Programme 41

6 Improvements 45

7 New Assets 55

8 Public Information 91

9 Summary 96

APPENDIX 1: Definitions

APPENDIX 2: Schedule of EOPs

APPENDIX 3: Additions to the Network

APPENDIX 4: NDC Catchments

APPENDIX 5: Additional Information

1. Introduction

Watercare Services Limited (Watercare) provides wastewater services across Auckland, from Mangawhai in the North of the region to Tuakau in the South. The network that conveys wastewater to Watercare's wastewater treatment plants can overflow where blockages occur, and Watercare has resource consents for managing the associated discharges to the environment.

This Annual Performance Report (APR) fulfils Condition 57 of Watercare's Auckland Wastewater Network Comprehensive Discharge Permit (Network Discharge Consent, or NDC). This condition states:

"The Consent Holder shall provide an Annual Wastewater Network Performance Report to the Manager on 30 September of each year. This report shall provide the information specified in the Template for the Annual Network Performance Report (Attachment 9) and include the annually updated version of Attachment 2."

Auckland Council granted the NDC consent in June 2014, and this is the sixth report submitted for this consent. The report provides a summary of overflows that occurred between 1 July 2019 and 30 June 2020, as well as a brief overview of works in each geographical catchment area.

1.1 Document Structure

This report is a summary of information on the performance of Watercare's wastewater network based on recorded and reported overflows that occurred over the reporting period (1 July 2019 – 30 June 2020). The report also provides comparisons to previous year's data, updates on the progress of various network improvement projects, and other measures aimed at improving network performance.

Specifically, this report provides information on the following for each catchment:

- *Wastewater overflows from Watercare's wastewater network, both during times of dry weather and wet weather flows from both types of engineered overflow points;*
  - *Type 1 pump stations and*
  - *Type 2 network relief points that are monitored.*
- *Uncontrolled overflows typically reported through customer contact.*
- *Watercare's Inflow and Infiltration Programme (I&I).*
- *The upgrade and improvement projects undertaken by Watercare to improve network performance*
- *Additions to the network in response to population growth and urban intensification.*
- *Any updates or additions to the public information made available by Watercare.*
- *A summary of important findings, network performance and improvement works, where relevant.*

2. Overview of the wastewater network

Introduction

As per Attachment 1 of the Network Discharge Consent, the region of Auckland serviced by Watercare is split into 36 catchments. Figure 2-1 displays all of these regions and can be found at the end of this section, with individual catchment maps found in Appendix 4.

Reporting of overflow metrics, planning and tracking of improvement projects and investigations are all tracked in terms of their catchments. By understanding the geography, population trends and developments occurring within each catchment, Watercare can ensure that the wastewater network is providing appropriate services to all areas and communities within Auckland.

2.1 Catchment 1 – Wellsford

Wellsford is a rural township in a predominantly rural pastoral area. Wellsford is approximately 20 km inland from the Kaipara Harbour, with 26.7 km of wastewater pipes servicing the catchment. Auckland Council has identified two indicative future urban areas to the north and south of Wellsford.

Watercare conducted an inflow and infiltration (I&I) investigation during the reporting year. Section 5 provides further details.

2.2 Catchment 2 – Omaha

Omaha is a small beach town on Omaha Bay, north of Auckland city. The town is approximately 75 km north of Auckland on a sand spit that adjoins Tāwharanui Peninsula. This catchment also includes the Matakana and Point Wells townships and has 47.1 km of wastewater network in service.

There were no significant changes or works on the network within this catchment during 2019-2020.

2.3 Catchment 3 – Warkworth

Warkworth is on the banks of the Mahurangi River and at the head of the Mahurangi Harbour. The township is surrounded by rural pastoral land in lowland areas and plantation and native forestry in the high country. Two indicative future urban areas have been identified surrounding Warkworth. This catchment has 55.6 km of wastewater pipes in service.

In 2019-2020, Watercare carried out an I&I investigation and network improvement projects in this catchment, see Sections 5 and 6 for details.

2.4 Catchment 4 – Snells Beach/Algies Bay

Snells Beach and Algies Bay are adjacent settlements situated on the east coast of the Mahurangi Peninsula, approximately 10 km from Warkworth. This catchment has 56.8 km of wastewater pipes in service.

There has been a change to the schedule of EOPs for this catchment (see Appendix 2), and Watercare has installed a new pump station (see Section 7). Additionally, there is a network improvement project underway (see Section 6).

2.5 Catchment 5 – Waiwera

Waiwera is at the southern end of the Waiwera estuary and is characterised by geothermal springs and estuarine environments. The township is surrounded by native bush, small farms, and lifestyle blocks. The Waiwera catchment has 3 km of wastewater pipes and 129 connections.

In 2019-2020, Watercare changed the schedule of EOPs in Waiwera (see Appendix 2). There is also a network improvement project underway (see Section 6).

2.6 Catchment 6 - Helensville

Helensville is on the banks of the Kaipara River at the southern end of the Kaipara Harbour. The Kaipara River catchment comprises mostly rural land uses with some plantation forest, horticulture, and lifestyle blocks. Auckland Council has identified two indicative future urban areas in the north and south of the current catchment boundary. Helensville has 32.9 km of wastewater pipes in service and has 1522 connections.

In 2019-2020, Watercare installed a new pump station on Rautawhiri Road to service a new development (see Section 6).

2.7 Catchment 7 – Orewa

Orewa is on the Hibiscus Coast, north of the Whangaparaoa Peninsula and approximately 40 km north of central Auckland. The Orewa wastewater network also serves Hatfield Beach and Silverdale North.

This catchment has 178 km of wastewater network and 8,329 connections. Parts of the existing urban area are currently undeveloped and therefore not serviced by wastewater infrastructure. Furthermore, there is an extensive area of an indicative future urban area in the west of this catchment.

Watercare made changes to the EOP schedule in 2019-2020, and installed new wastewater pump stations (see Appendix 2 and Section 7 for further details). Watercare also made network improvement in the catchment (see Section 6).

2.8 Catchment 8 – Weiti

The Weiti catchment comprises two town centres: Silverdale and Stillwater. Both Silverdale and Stillwater are on the banks of the Weiti River, with the surrounding land in rural pastoral land use, lifestyle blocks, or forestry. The Weiti Forest lies immediately south of Stillwater town.

This catchment has 41.7 km of wastewater network and 1,183 connections. In 2019-2020 Watercare carried out a network improvement project in this catchment (see Section 6).

2.9 Catchment 9 – Whangaparaoa

Whangaparaoa Peninsula is 25 km north of Auckland, extending east for 11 km into the Hauraki Gulf. The town of Whangaparaoa sits on the peninsula's south-western shore. This catchment has 281 km of wastewater network and has 12,004 connections.

In 2019-2020, Watercare continued network improvement projects in the catchment (see Section 6). Watercare also carried out an I&I investigation (see Section 5 for details).

2.10 Catchment 10 – Long Bay

The Long Bay catchment on the North Shore of Auckland, with the Okura River to the north and Long Bay Beach to the east. At present, the wastewater system covers the residential suburbs and Okura. The catchment is predominantly urban and has 29,845 connections.

There were no changes or upgrades to the wastewater network in 2019-2020.

2.11 Catchment 11 – East Coast Bays

The East Coast Bays catchment is on Auckland's North Shore. Taiaotea Creek contains the commercial areas of Browns Bay that comprise a significant proportion of the lower catchment, with the rest of the lower catchment being residential. The upper catchment, Wairau Creek, also contains residential land use but has a significant proportion of commercial land use to the west of the Northern Motorway. There are currently 29,845 wastewater connections.

There have been changes to the schedule of EOPs (see Appendix 2) and network upgrade projects carried out in this catchment (see Section 6).

2.12 Catchment 12 – Devonport-Takapuna

The Devonport-Takapuna catchment is on Auckland's North Shore and comprises the eastern and southern coastal strips of the peninsula. Within the catchment, there are no notable surface watercourses, and all discharges are to the marine environment. There are currently 2,544 wastewater connections.

Network improvement projects have taken place during this reporting year, see Section 6 for further details.

2.13 Catchment 13 – Shoal Bay

The Shoal Bay catchment is on Auckland's North Shore . The catchment contains predominantly urban land use, with significant residential development. Chelsea Sugar factory is a notable large industrial site within the catchment. The catchment is serviced by 278 km of wastewater pipes.

Network improvement works have been conducted within Shoal Bay (see Section 6).

2.14 Catchment 14 – Upper Harbour North

The Upper Harbour North catchment is on Auckland's North Shore. The catchment contains a mix of urban and rural land uses, including many residential areas that are currently being developed. There are widespread subdivisions, large medium-density developments in specially zoned areas, and infill growth throughout this catchment. There are currently 14,464 wastewater connections.

There were no changes or upgrades to the wastewater network in 2019-2020.

2.15 Catchment 15 – Upper Harbour South

The Upper Harbour South catchment is on Auckland's North Shore. Land use within the Upper Harbour South catchment is predominantly residential with small areas of commercial activities and several schools. There are currently 13,222 wastewater connections and 220.4 km of wastewater pipes.

There have been changes to the schedule of EOPs (see Appendix 2), but no other works of note.

2.16 Catchment 16 – Upper Harbour West

The Upper Harbour West catchment is on the western side of the Waitemata Harbour. Land use within the catchment is predominantly residential on the south-eastern side of Hobsonville Road and at Herald Island. The remaining area comprises lifestyle blocks and farmland on the northwest side of the catchment and horticultural land use in the north-east towards Hobsonville.

Parts of the existing urban area are currently not serviced and there are also extensive areas within the catchment identified as a future urban area, with proposed future overflow points. This catchment is serviced by 142.3 km of wastewater network and has 5,147 connections.

There have been changes to the schedule of EOPs, upgrade projects conducted, and new assets installed, within this catchment (see Appendix 2 and Section 6 and 7).

2.17 Catchment 17 – Henderson Creek

The Henderson Creek catchment is located to the west of central Auckland and contains several notable watercourses, including the Waikumete Stream and Oratia Stream, all of which converge on the Henderson Creek. Land use within the catchment is predominantly residential, with commercial areas. Light industrial uses are concentrated in the Henderson Valley and Lincoln areas. This catchment is serviced by 743.7 km of wastewater pipes.

There were network improvements projects in progress during this reporting year (see Section 6).

2.18 Catchment 18 – Whau River

The Whau River catchment covers an area of approximately 25 km² in the western part of the Auckland Isthmus. Current land use in the catchment is predominantly residential, with substantial pockets of light industrial and commercial development. Whau River is serviced by 351.5 km of wastewater network and has 22,077 wastewater connections

There have been two I&I investigations in 2019-2020, along with network improvement projects within the Whau River catchment (see Section 5 & 6).

2.19 Catchment 19 - Laingholm

The Laingholm catchment is in the west of Auckland, along the northern border of the Manukau Harbour. Land use in the catchment is characterised by residential living in a bush environment, with regenerating bush in the Waitakere Ranges Regional Park bordering the catchment to the west. This catchment is serviced by 103.4 km of wastewater pipes.

There have been three I&I investigations and network improvement works conducted within the Whau River catchment, see Sections 5 and 6 for further details.

2.20 Catchment 20 – Cox's Bay

The Cox's Bay catchment covers an area of approximately 25 km² in the western part of the central Auckland Isthmus. The catchment area is highly developed, being largely residential with pockets of open space dotted throughout the catchment. The wastewater network in the Cox's Bay area is largely combined, which is reflected in the high number of network EOPs in the catchment and has 7,613 connections.

There have been some changes to the schedule of EOPs, and both network improvement and I&I investigation projects conducting during this reporting year (see Appendix 2 and Sections 5 and 6).

2.21 Catchment 21 – Central Auckland (CBD)

The Central Auckland (CBD) catchment is approximately 9 km² in size, extending from Westhaven Marina in the west to Mechanics Bay in the east, and bordered by the Waitemata Harbour in the north. The catchment is characterised by commercial development (low and high-rise office blocks and retail shops), cafes and restaurants, industrial activities (light, automotive), hotels, low, medium, and high-density residential living, entertainment complexes, car parks, churches, and reserve areas. The harbour edge also incorporates port, ferry, and marina activities. Significant open spaces within the catchment include the Auckland Domain, Albert Park, and Victoria Park.

The wastewater network in the CBD is a mix of combined areas, separated from historically combined, and developed as separated areas, and this is reflected in the number of EOPs in the catchment. The catchment is serviced by 115.6 km of wastewater pipes.

There were some network improvement projects conducted during the reporting year, along with one I&I investigation, see Sections 5 and 6 for further details.

2.22 Catchment 22 – Hobson Bay

The Hobson Bay catchment is in the central part of the Auckland Isthmus immediately to the east of the CBD. It is heavily developed, but mainly residential with limited business and industrial activity which is predominantly centred around Newmarket and Parnell.

The wastewater network in this catchment is a mix of combined areas, separated from historically combined, and developed as separated areas, and this mix is reflected in the number of EOPs in the catchment. There are currently 31,393 wastewater connections.

There has been a change to the schedule of EOPs, and a network improvement project underway (see Appendix 2 and Section 6). Additionally, an I&I investigation began during this reporting year also, see Section 5 for more details.

2.23 Catchment 23 - Onehunga

The Onehunga catchment covers an area of approximately 23 km² and is located on the northern shores of Mangere Inlet and the Manukau Harbour. The catchment is heavily developed, with a large area of business and industrial activity located along the coastal margins of Mangere Inlet and Onehunga Township. Further to the north, the catchment is largely residential and open space zoned land. This catchment is serviced by 256.1 km of wastewater pipes.

There has been a change to the schedule of EOPs and new assets installed within Onehunga (see Appendix 5 and Section 7).

2.24 Catchment 24 - Mangere

The Mangere catchment is located to the south of central Auckland and contains the suburbs of Otahuhu, Mangere East, Mangere, and Mangere Bridge. There are several watercourses in the area, including Tararata Creek, Harania Creek, and Tui Creek, that all converge in the Mangere Inlet. Land use within the catchment is largely urban with commercial/industrial uses focused around the Mangere Inlet. There are currently 14,185 wastewater connections and 308.9km of wastewater pipes.

There has been a change to the EOP schedule for the Mangere catchment (see Appendix 2), and a network upgrade project has also been underway (see Section 6).

2.25 Catchment 25 – Lower Tamaki River

The Lower Tamaki River catchment is in the east of Auckland and covers areas around the Tamaki River Estuary. Land use within the bay is predominantly residential, with areas of commercial/ industrial land in the southwest of the catchment. There has recently been significant residential development adjacent to Mt Wellington in the former Mt Wellington quarry.

There has been a change to the schedule of EOPs, a network improvement project underway, and an I&I investigation conducted within the Lower Tamaki River catchment (see Appendix 2 and Sections 5 and 6).

2.26 Catchment 26 – Upper Tamaki River

The Upper Tamaki River catchment is in the southeast of Auckland. It is the largest geographical catchment of the Auckland wastewater network with 60,374 wastewater connections. Land use within the catchment includes large areas of industrial/commercial land around Mt Wellington and Richmond, as well as significant areas of East Tamaki. There are also areas of the catchment which have very recently developed through expansion and growth.

There have been changes to the schedule of EOPs for this catchment and network improvement projects conducted during this reporting year (see Appendix 2 and Section 6).

2.27 Catchment 27 – Cockle Bay

The Cockle Bay catchment is located along the eastern coast of the Bucklands Beach peninsula. Land use is predominantly low to medium density residential, with pockets of open space and local retail and commercial areas. There are no industrial sites within the catchment, and there are 5,172 wastewater connections and 104.4km of wastewater pipes.

There have been no investigations or works of note within this catchment during the 2019-2020 reporting year.

2.28 Catchment 28 - Puhinui

The Puhinui catchment is about 18 km southeast of Auckland city centre, to the north-east of Manukau Harbour. The catchment consists predominantly of residential, industrial, and commercial land uses, with a small amount of horticultural land. The Auckland Airport is to the west of the catchment, on the northern side of the Manukau Harbour.

There have been no investigations or improvement works of note within this catchment during the 2019-2020 reporting year.

2.29 Catchment 29 – Pahurehure Inlet

The Pahurehure Inlet catchment is in south Auckland, with commercial areas in Manurewa and Papakura, and a large industrial/commercial area in Takanini. There are 14,634 wastewater connections and the catchment is serviced by 589.9 km of wastewater pipes.

There have been changes to the EOP schedule and network improvement projects underway in this catchment, please see Appendix 2 and Section 6 for more details.

2.30 Catchment 30 – Oneroa

Waiheke Island is in the Hauraki Gulf, approximately 17 km east of the Auckland CBD. Only a small proportion of the island, Oneroa, Blackpool, and part of Surfdale, is currently serviced by Watercare with just 38 connections.

No investigations or improvement works of note were carried out during this reporting year.

2.31 Catchment 31 – Beachlands-Maraetai

The Beachlands-Maraetai catchment includes two seaside suburbs located about 23 km east of central Auckland. Land use within the catchment is predominantly residential. Beachlands has marina facilities at Pine Harbour Marina, and Maraetai has a small boat ramp and breakwater. The catchment is serviced by 84.5 km of wastewater pipes with 2,996 connections.

An I&I investigation within the Beachlands-Maraetai catchment was conducted (see Section 5).

2.32 Catchment 32 – Clarks Beach

Clarks Beach is a small coastal village located on the south-western shore of the Manukau Harbour between the Waiuku River and Clarks Creek. Land use includes residential properties along with the Clarks Beach Golf Club, Clarks Beach Camping Ground, and surrounding rural activities. There are 705 wastewater connections.

There have been network improvement projects running during this reporting year, see Section 6 for details.

2.33 Catchment 33 - Waiuku

Waiuku Township is located at the southern end of the Waiuku Estuary, a tidal arm of the Manukau Harbour with 3,109 wastewater connections. The Waiuku Catchment consists of approximately 420 ha of predominantly residential and rural land, with some light commercial land. There is one golf course, eight parks of significant size, and several schools.

No investigations or improvement works of note were carried out during this reporting year.

2.34 Catchment 34 - Pukekohe

The Pukekohe catchment is situated at the southern edge of the Auckland Region, approximately 50 km south of central Auckland. The catchment is made up of the Pukekohe urban area, as well as the Patumahoe Township and Paerata Business Park to the north, and Buckland and Tuakau townships to the south. It is serviced by 187.8 km of wastewater pipes and 8,465 connections.

A network improvement project was in progress in this catchment, please see Section 6 for details.

2.35 Catchment 35 – Kumeu-Huapai-Riverhead

The Kumeu-Huapai-Riverhead catchment covers an area of approximately 1,270 ha in rural north-west Auckland. There are no existing EOPs in the catchment. However, there are proposed engineered overflow points that would cater to future growth identified in the Auckland Plan and proposed Auckland Unitary Plan. There are currently 1,978 wastewater connections.

A network improvement project was conducted during the 2019-2020 reporting year.

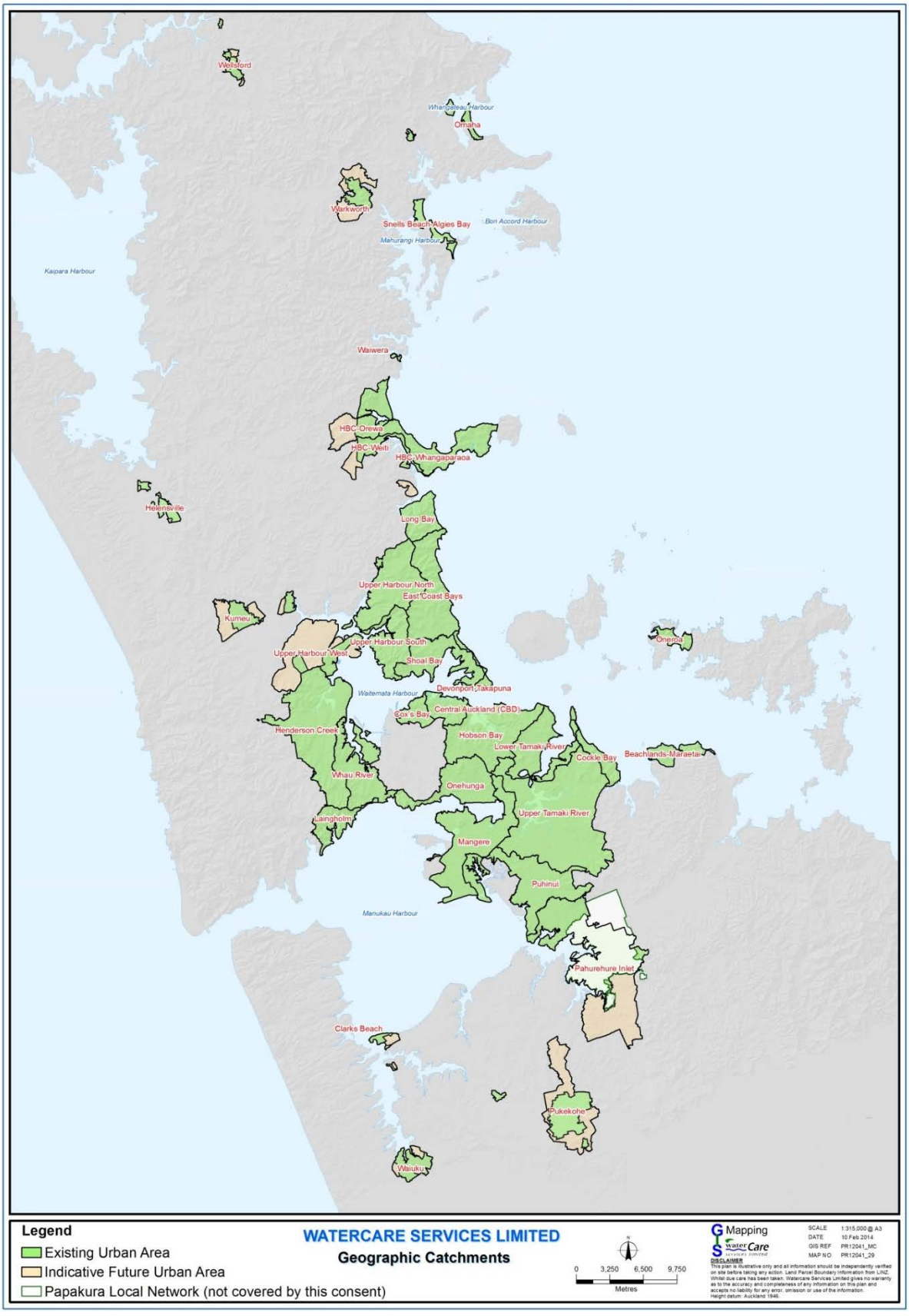


Figure 2-1 Map from Attachment 1 of the NDC, showing the 35 catchments summarised in this section. Please note, catchment no. 36 - Western Isthmus, is not included in the map or summarised here, as per the Annual Report template.

3. Dry weather overflows

3.1 Dry weather overflows between 1 July 2019 and 30 June 2020

Type 1 dry weather overflows

Watercare uses telemetry to detect dry weather overflow events that occur at its pump stations and storage tanks (type 1 EOPs). Table 3-1 lists all type 1 dry weather overflows that have occurred during the reporting year, along with the recorded duration of the overflow, the receiving environment, and stream-flow contamination risk.

Type 2 dry weather overflows

In addition to type 1 EOPs, Watercare has type 2 EOPs (network relief overflow points). However, these EOPs only record wet weather events. (see Section 4.1). Watercare does not have data for type 2 overflows in dry weather.

Type 3 dry weather overflows

The uncontrolled spills from manholes and gully traps, are generally reported in by members of the public and are classified as type 3 overflows. Dry weather overflows are the result of a blockage within the public network. Table 3-2 lists all type 3 dry weather overflows that have occurred during the reporting year in order of catchment. During this reporting year, there were 3,486 reported dry weather overflows, with the majority attributed to blockages caused by fat (1,032), unknown cause (826) and roots (783).

Table 3-2 can be found in the spreadsheet attached to this report.

Table 3-1 Dry weather overflows associated with pump stations (type 1 overflow points), that have occurred during the reporting year.

Date	Facility code	Facility Name	EOP ID	Cause	Comments	Start time	Duration in mins	Catchment	Network
2/07/19	DPWEC	Wecks Pump Station	1244			13:29	16.0	Pukekohe	Local
2/07/19	DPWOR	Worker Rd	1128	Power Outage	Area power outage	15:46	56.9	Wellsford	Local
2/07/19	DPARM	Armitage	1129	Power Outage	Area power outage	16:08	26.6	Wellsford	Local
2/07/19	DPSHR	School Rd	1130	Power Outage	Area power outage	17:46	67.1	Wellsford	Local
3/07/19	DPARM	Armitage	1129	Power Outage	Area power outage	01:59	57.6	Wellsford	Local
7/07/19	DPPAK	Pakuranga Road Pump Station	667			17:01		Lower Tamaki River	Local
7/07/19	DPTOO	Toomer Place	1086			20:33	59.0	Beachlands Maraetai	Local
8/07/19	DPPAK	Pakuranga Road Pump Station	667			09:50	274.0	Lower Tamaki River	Local
15/07/19	DPKY1	Kyle 1 WW pump station		Other		22:09	73	Upper Harbour North	Transmission
24/07/19	DPRLA	Rosella Road				06:34	9.0	Lower Tamaki River	Local
26/07/19	DPRLA	Rosella Road				09:29	31.0	Upper Tamaki River	Local
6/09/19	DPHIP	Highland Park Pump Station	1005			00:24	36.0	Upper Tamaki River	Local
6/09/19	DPEDP	Edgewater Parade Pump Station	1030			13:55	39.0	Waiuku	Local
6/09/19	DPNES	North East Pump Station	1246			13:36	58.0	Pukekohe	Local

Date	Facility code	Facility Name	EOP ID	Cause	Comments	Start time	Duration in mins	Catchment	Network
24/09/19	DPKAI	Kowhai	1025	Power Outage	Unplanned Power Outage	14:49	36.4	Waiuku	Local
9/10/19	DPS020	Papatoetoe West WW pump station		Power Failure		21:00	42	Puhinui	Transmission
25/10/19	DPWOR	Worker Rd	1128	Power Outage	Unplanned Power Outage	19:22	72.6	Wellsford	Local
25/10/19	DPARM	Armitage	1129	Power Outage	Unplanned Power Outage	19:30	84.7	Wellsford	Local
23/11/19	DPPUA	Puawai	813	Mechanical/ Maintenance	P1 blocked; P2 tripped. Then both had blown fuses.	04:03	64.4	Whangaparaoa	Local
8/02/20	DPWOR	Worker Rd	1128	Power Outage	Unplanned Power Outage	22:10	33.4	Wellsford	Local
5/03/20	DPWEI	Weiti	822	Mechanical/ Maintenance	Rags	10:26	78.7	Weiti	Local
5/03/20	DPFOU	Foundry	801	Mechanical/ Maintenance	Rags	12:35	34.8	Weiti	Local
5/03/20	DPFOU	Foundry	801	Mechanical/ Maintenance	Rags	14:02	15.2	Weiti	Local
5/03/20	DPFOU	Foundry	801	Mechanical/ Maintenance	Rags	16:38	32.7	Weiti	Local
24/03/20	DPS028	Pakuranga WW pump station		Power Failure		12:06	26	Upper Tamaki River	Transmission
24/06/20	DSOB05	Branch 5 Herne Bay WW pump station		Other				Cox's Bay	Transmission
26/06/20	DPS064	Orakei WW pump station		Other		12:00	1440	Hobson Bay	Transmission

3.2 Trend Analysis

Introduction

Type 1 Dry weather overflow trend analysis uses a rolling five-year average. Type 3 Dry weather overflow trend analysis uses annualised data and two techniques:

- Visual assessment
- Statistical analysis using simple linear models

Analyses used a p-value of <0.05 as the threshold for significance. Since the data are for annual totals, there are insufficient data to analyse using more complicated statistical techniques (e.g., Kendall tests).

Type 1 trends

Table 3-3 presents the rolling five-year averages for the full reporting years since the consent came into effect. Based on data for the first five years since the commencement of the NDC consent, dry weather overflows are rare. Only the Cox's Bay (CBD), John Rymer Place (Hobson Bay) and Weiti pump stations average at least one dry weather overflow per year.

Table 3-3 Type 1 dry weather overflow trends

Catchment	Pump station	2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	Rolling average
Wellsford	Armitage	0	0	0	1	0	0.2
Wellsford	School Road	0	0	0	1	0	0.2
Wellsford	Worker Road	0	0	1	0	0	0.2
Upper Harbour South	Albany Church	0	0	0	1	0	0.2
Upper Harbour South	Cronin	1	0	1	0	0	0.4
Upper Harbour South	Valkyria	0	1	0	0	0	0.2
Whau River	Ash Street	0	2	0	0	0	0.4
Whau River	Endeavour Street	0	1	0	0	0	0.2
Whau River	Holly Street 1	0	1	0	0	0	0.2
Whau River	Kenley Place	0	1	0	0	0	0.2
Whau River	Lewis Street	0	1	0	0	0	0.2
Whau River	Lidcombe Place	0	0	0	0	1	0.2
Whau River	Timothy Place	0	1	0	0	0	0.2
Omaha	Broadlands Drive	1	0	0	0	0	0.2
Cox's Bay	Webber Street	0	4	1	0	0	1.0

Catchment	Pump station	2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	Rolling average
Central Auckland CBD	95 Wellington Street	0	1	0	0	0	0.2
Hobson Bay	Gillies Avenue	0	1	0	0	0	0.2
Hobson Bay	John Rymer Place	0	5	0	0	0	1.0
Hobson Bay	Purewa Road	0	1	0	0	0	0.2
Hobson Bay	Tamaki Yacht Club	0	0	1	0	0	0.2
Onehunga	Aldersgate Road	0	1	0	0	2	0.6
Mangere	Otahuhu West	0	1	0	0	0	0.2
Lower Tamaki River	Dunkirk	0	1	0	0	0	0.2
Lower Tamaki River	Riddell Road	0	1	0	0	0	0.2
Upper Tamaki River	McDonald Crescent Wastewater	0	1	0	0	0	0.2
Upper Tamaki River	Otara Wholesale	0	1	0	0	0	0.2
Upper Tamaki River	Rodney Street	0	1	0	0	0	0.2
Upper Tamaki River	Stanhope Rd	0	0	0	0	1	0.2
Puhinui	Papatoetoe	0	0	0	1	0	0.2
Warkworth	Lilburn	0	0	1	1	2	0.8
Warkworth	Palmer	0	0	0	1	0	0.2
Oneroa	Oneroa	0	1	0	0	0	0.2
Western Isthmus	Wainui Avenue	0	3	0	0	0	0.6
Snells Beach	Brigitte View	1	0	1	0	0	0.4
Snells Beach	Cornel	0	0	2	0	0	0.4
Snells Beach	Dalton	0	0	1	0	0	0.2
Helensville	Kowhai	0	0	1	0	0	0.2
Helensville	Outfall	0	0	0	1	0	0.2
Helensville	Springs Road	0	0	1	0	0	0.2
Weiti	Foundry	0	0	2	0	0	0.4
Weiti	Weiti	0	0	4	1	0	1.0

Catchment	Pump station	2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	Rolling average
Whangaparaoa	Pinecrest	0	0	1	0	1	0.4
Laingholm	Jenkins Bay	0	0	1	0	0	0.2
Laingholm	Tamariki Reserve	0	0	1	0	0	0.2
Mangere	Kiwi Esplanade	1	0	0	0	0	0.2
Mangere	Miro Road	0	0	1	0	0	0.2

Type 3 spatial differences

Figure 3-1 shows the total number of dry weather overflows per catchment for 2019-2020. Consistent with previous years, dry weather overflows in five catchments account for almost 50 % of all the overflows across the 36-catchment network (46 %). These catchments are:

- Upper Tamaki
- Henderson Creek
- Western Isthmus
- East Coast Bays
- Hobson Bay

Type 3 changes over time

The only catchment that has significantly changed over time is the Weiti catchment. Dry weather overflows in this catchment are relatively infrequent but have increased year-on-year as Figure 3-2 shows. Overflows for the five catchments that occur the most have fluctuated over time, but there is no clear trend for any of them ($p>0.05$).

Fats (30 % of blockages) were the most frequent cause of dry weather overflows in 2019-2020, and the frequency of fat blockages has increased over time (Figure 3-3). Figure 3-3 also shows that occurrences of foreign objects and rags (which often comprise wet wipes) have increased over time, and these increases are statistically significant. Silt blockages, which are a relatively rare cause of dry weather overflows, have significantly decreased over time.

Watercare has anecdotal evidence from its wastewater treatment plants that rags are an increasing problem, consistent with the apparent trend in Type 3 data. However, the growing trend for rags is also likely in part due to changes in reporting processes and how staff categorise overflow causes.

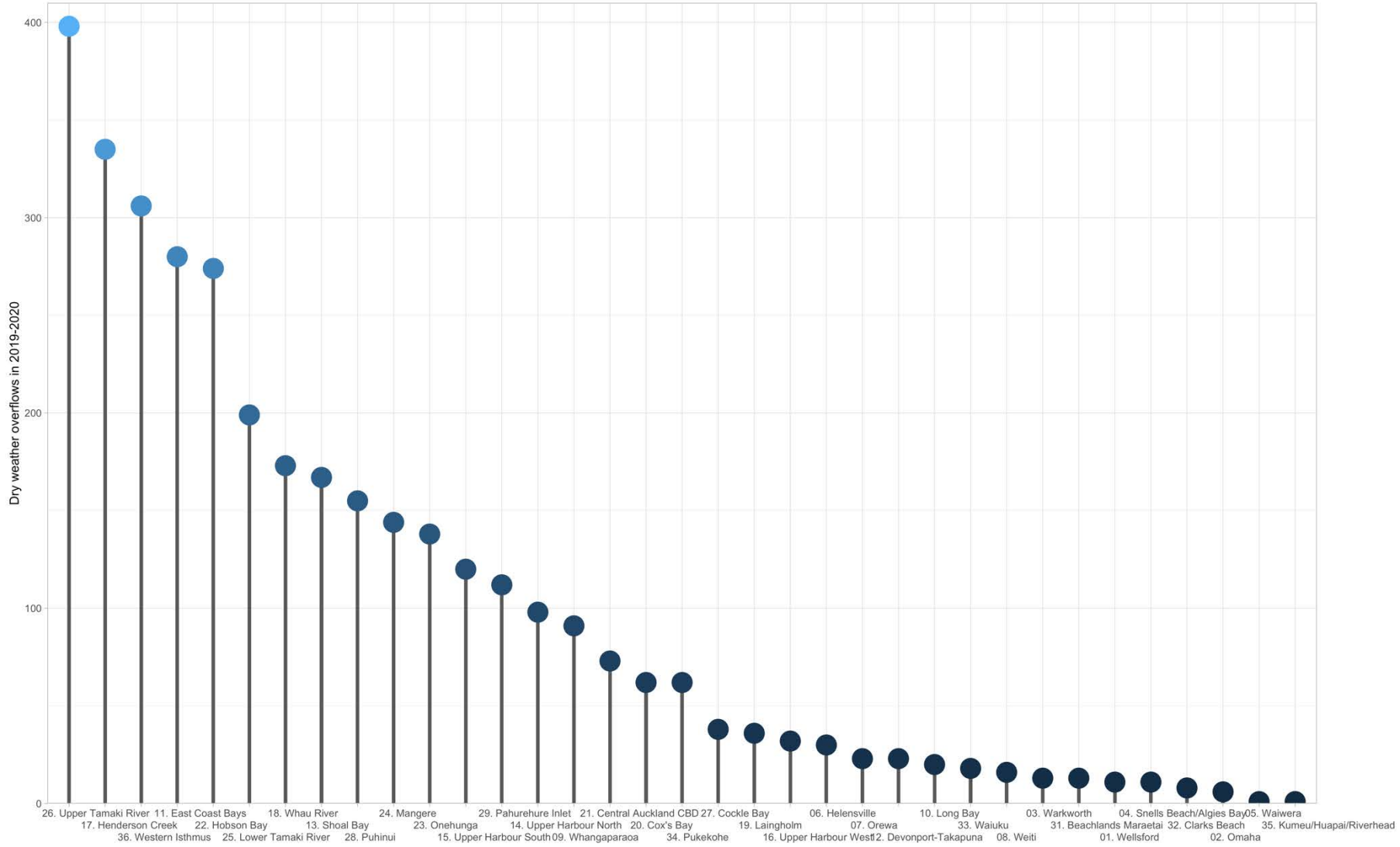


Figure 3-1 Type 3 dry weather overflow frequencies by catchment in 2019-2020

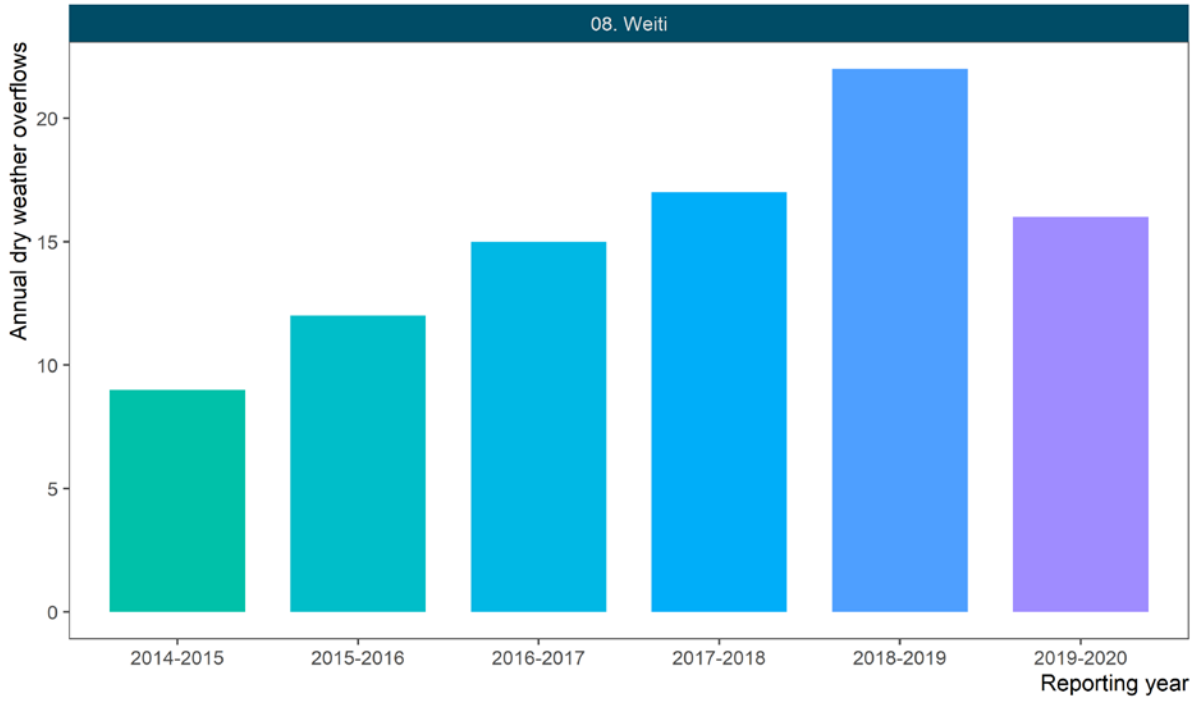


Figure 3-1 Annual Type 3 dry weather overflows in the Weiti catchment over time.

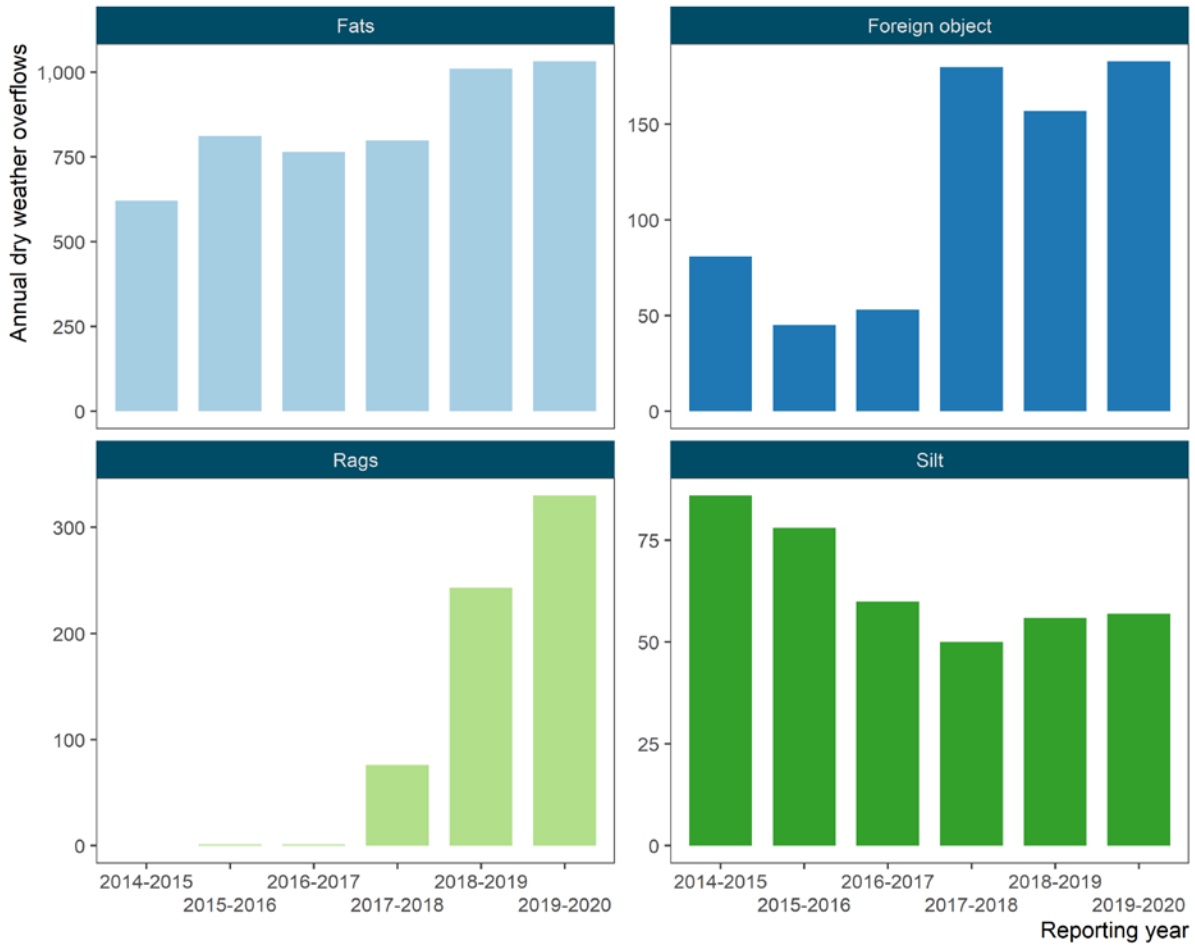


Figure 3-2 Causes of Type 3 dry weather overflows with significant trends over time (p<0.05).

4. Wet weather overflows

4.1 Wet weather overflows between 1 July 2019 and 30 June 2020

Overflows that have occurred during a 24-hour period that received >10 mm of rain, or attributed to a surcharge event, are classified as wet weather overflows.

Type 1 wet weather overflows

Our telemetry devices detect wet weather overflow events that occur at our pump stations and storage tanks (type 1 EOPs). Table 4-1 lists all type 1 wet weather overflows, the recorded duration of overflow, and the receiving environment of the discharges. The highest number of wet weather discharges occurred at Brigitte (29 overflows), Point England (13 overflows) and Western (12 overflows) wastewater pump stations during this reporting year. For the average annual overflows, please see Section 4.2.

Type 2 wet weather overflows

As previously mentioned, we also have a few type 2 EOPs that are telemetered. These EOPs are monitored because they are known to overflow often. Some of these are on combined systems and designed to overflow during wet weather events. As such, these 11 EOPs are not representative of all our type 2 overflow points. Six of these overflow points overflowed fewer than 10 times this reporting year. In contrast, EOP 180 at Hackett Street in the CBD on the combined system overflowed on 116 occasions.

Table 4-2 lists all the overflow details of the monitored type 2 EOPs. The associated public health and environmental risk scoring presented in the table use the AEE assessments carried out for each EOP and its associated receiving environment. These scores have not been influenced by the individual overflow events recorded here.

Table 4-2 can be found within the Section 4 Tables spreadsheet attached to this report.

Type 3 wet weather overflows

Table 4-3 lists details of all the uncontrolled wet weather overflows that have occurred during the 2019-20 reporting year, within the public network. During this reporting year, there were 393 reported wet weather overflows within our public wastewater network.

Table 4-3 can be found within the Section 4 Tables spreadsheet attached to this report.

Table 4-1 Wet weather overflows associated with pump station (type 1 overflows), that have occurred during the reporting year.

Overflow Date	Facility Code	Overflow Location Facility	EOP ID	Cause	Comments	Catchment	Start Time	Duration in mins	Network
4/07/19	DPAL1	Aldersgate Rd 1	208	WWO		Onehunga	11:55	574.0	Local
4/09/19	DPAL1	Aldersgate Rd 1	208	WWO		Onehunga	00:50	461.0	Local
15/10/19	DPALM	Alma WW pump station		Heavy Rain		East Coast Bays	05:40	74	Transmission
25/06/20	DPALM	Alma WW pump station		Heavy Rain		East Coast Bays	03:13	106	Transmission
19/07/19	DPARM	Armitage	1129	Heavy Rain	Rain Event	Wellsford	10:02	35.9	Local
3/09/19	DPARM	Armitage	1129	Heavy Rain	Rain event	Wellsford	20:52	107.7	Local
15/10/19	DPBAY	Bay St	794	Heavy Rain	Storm Event	Whangaparaoa	04:53	15.5	Local
25/06/20	DPBEL	Belmere Rise Pump Station	958	Heavy Rain	Wet Weather	Lower Tamaki River	02:22	32.0	Local
4/07/19	DPBLA	Black Rock pump station		Heavy Rain		East Coast Bays	17:26	662	Transmission
15/10/19	DPBLA	Black Rock pump station		Heavy Rain		East Coast Bays	08:11	819	Transmission
25/06/20	DPBLA	Black Rock pump station		Heavy Rain		East Coast Bays	02:50	2150	Transmission
27/06/20	DPBLA	Black Rock pump station		Heavy Rain		East Coast Bays	18:18	1440	Transmission
29/06/20	DPBLA	Black Rock pump station		Heavy Rain		East Coast Bays	20:55	91	Transmission
30/06/20	DPBLA	Black Rock pump station		Heavy Rain		East Coast Bays	04:07	366	Transmission
25/06/20	DPBRA	Bramley Drive Pump Station	1008	Heavy Rain	Wet Weather	Lower Tamaki River	05:17	101.0	Local
4/07/19	DSOB08	Branch 8 Mt Albert		Heavy Rain		Western Isthmus			Transmission
4/07/19	DSWB09	Branch 9 Mt Roskill		Heavy Rain		Western Isthmus			Transmission
4/07/19	DPBTE	Brigitte	1104	Heavy Rain	Rain Event	Snells Beach/ Algies Bay	09:18	415.0	Local
14/07/19	DPBTE	Brigitte	1104	Heavy Rain	Rain Event	Snells Beach/ Algies Bay	13:08	289.8	Local
19/07/19	DPBTE	Brigitte	1104	Heavy Rain	Rain Event	Snells Beach/ Algies Bay	11:06	951.1	Local
3/09/19	DPBTE	Brigitte	1104	Heavy Rain	Rain event	Snells Beach/ Algies Bay	16:14	974.0	Local
4/09/19	DPBTE	Brigitte	1104	Heavy Rain	Rain event	Snells Beach/ Algies Bay	14:08	13.2	Local
4/09/19	DPBTE	Brigitte	1104	Heavy Rain	Rain event	Snells Beach/ Algies Bay	19:28	250.2	Local
5/09/19	DPBTE	Brigitte	1104	Heavy Rain	Rain event	Snells Beach/ Algies Bay	21:49	21.5	Local
6/09/19	DPBTE	Brigitte	1104	Heavy Rain	Rain Event	Snells Beach/ Algies Bay	15:12	31.3	Local
8/09/19	DPBTE	Brigitte	1104	Heavy Rain	Rain event	Snells Beach/ Algies Bay	03:54	646.7	Local

Overflow Date	Facility Code	Overflow Location Facility	EOP ID	Cause	Comments	Catchment	Start Time	Duration in mins	Network
8/09/19	DPBTE	Brigitte	1104	Heavy Rain	Rain event	Snells Beach/ Algies Bay	16:43	39.6	Local
8/09/19	DPBTE	Brigitte	1104	Heavy Rain	Rain event	Snells Beach/ Algies Bay	18:24	55.0	Local
9/09/19	DPBTE	Brigitte	1104	Heavy Rain	Rain event	Snells Beach/ Algies Bay	15:30	429.7	Local
10/09/19	DPBTE	Brigitte	1104	Heavy Rain	Rain Event	Snells Beach/ Algies Bay	05:46	1142.0	Local
11/09/19	DPBTE	Brigitte	1104	Heavy Rain	Rain Event	Snells Beach/ Algies Bay	01:50	86.6	Local
11/09/19	DPBTE	Brigitte	1104	Heavy Rain	Rain Event	Snells Beach/ Algies Bay	05:40	85.1	Local
11/09/19	DPBTE	Brigitte	1104	Heavy Rain	Rain Event	Snells Beach/ Algies Bay	08:07	128.3	Local
11/09/19	DPBTE	Brigitte	1104	Heavy Rain	Rain Event	Snells Beach/ Algies Bay	11:01	56.5	Local
11/09/19	DPBTE	Brigitte	1104	Heavy Rain	Rain Event	Snells Beach/ Algies Bay	14:11	43.9	Local
11/09/19	DPBTE	Brigitte	1104	Heavy Rain	Rain Event	Snells Beach/ Algies Bay	20:50	32.6	Local
30/09/19	DPBTE	Brigitte	1104	Heavy Rain	Rain Event	Snells Beach/ Algies Bay	11:26	53.2	Local
30/09/19	DPBTE	Brigitte	1104	Heavy Rain	Rain Event	Snells Beach/ Algies Bay	13:32	127.5	Local
11/10/19	DPBTE	Brigitte	1104	Heavy Rain	Storm Event	Snells Beach/ Algies Bay	03:17	772.0	Local
11/10/19	DPBTE	Brigitte	1104	Heavy Rain	Storm Event	Snells Beach/ Algies Bay	16:18	65.0	Local
11/10/19	DPBTE	Brigitte	1104	Heavy Rain	Storm Event	Snells Beach/ Algies Bay	18:11	294.3	Local
14/10/19	DPBTE	Brigitte	1104	Heavy Rain	Storm Event	Snells Beach/ Algies Bay	18:55	350.0	Local
11/11/19	DPBTE	Brigitte	1104	Heavy Rain	Rain Event	Snells Beach/ Algies Bay	13:54	262.8	Local
11/11/19	DPBTE	Brigitte	1104	Heavy Rain	Rain Event	Snells Beach/ Algies Bay	18:31	34.8	Local
31/05/20	DPBTE	Brigitte	1104	Heavy Rain	Storm Event	Snells Beach/ Algies Bay	19:16	1185.0	Local
1/06/20	DPBTE	Brigitte	1104	Heavy Rain	Storm Event	Snells Beach/ Algies Bay	15:16	74.0	Local
4/07/19	DPBRB	Browns Bay		Heavy Rain		East Coast Bays	17:17	360	Transmission
15/10/19	DPBRB	Browns Bay		Heavy Rain		East Coast Bays	09:04	374	Transmission
25/06/20	DPBRB	Browns Bay		Heavy Rain		East Coast Bays	03:20	347	Transmission
4/07/19	DSEBBH	Bucklands Beach Branch		Heavy Rain		Cockle Bay			Transmission
25/06/20	DPS033	Bucklands Beach WW		Heavy Rain		Cockle Bay	05:05	52	Transmission
25/06/20	DPBUR	Burswood Drive	998	Heavy Rain	Wet Weather	Upper Tamaki River	05:29	114.0	Local
18/05/20	DPCAS	Cascades Road Pump Station	1142	Heavy Rain	Wet Weather	Upper Tamaki River	15:20	11.0	Local
20/08/19	DPCBY	Castor Bay		Heavy Rain		East Coast Bays	21:49	57	Transmission

Overflow Date	Facility Code	Overflow Location Facility	EOP ID	Cause	Comments	Catchment	Start Time	Duration in mins	Network
5/09/19	DPCBY	Castor Bay		Heavy Rain		East Coast Bays	23:08	46	Transmission
15/10/19	DPCBY	Castor Bay		Heavy Rain		East Coast Bays	06:00	53	Transmission
25/06/20	DPCBY	Castor Bay		Heavy Rain		East Coast Bays	01:28	216	Transmission
27/06/20	DPCHH	Churchhouse		Heavy Rain		Upper Harbour North	00:27	167	Transmission
15/10/19	DPCRO	Cronin	901	Heavy Rain	Storm Event	Upper Harbour South	05:25	137.5	Local
3/05/20	DPCRO	Cronin	901	Heavy Rain	Cause was due to high amounts of inflow	Upper Harbour South	22:59	21.2	Local
25/06/20	DSECB	East Coast Bays Branch Sewer		Heavy Rain		Long Bay	08:20	120	Transmission
4/07/19	DSOEDB	Edendale Branch		Heavy Rain		Western Isthmus			Transmission
25/06/20	DPEDG	Edgewater Pump Station	1030	Heavy Rain	Wet Weather	Waiuku	05:36	126.0	Local
25/06/20	DSGLE	Glen Eden Storage Tank		Heavy Rain		Henderson Creek	03:08	470	Transmission
15/10/19	DPS014	Glendowie pump station		Heavy Rain		Lower Tamaki River	05:50	112	Transmission
18/06/20	DPS014	Glendowie pump station		Heavy Rain		Lower Tamaki River	19:05	20	Transmission
25/06/20	DPS014	Glendowie pump station		Heavy Rain		Lower Tamaki River	04:55	138	Transmission
27/10/19	DPHAR	Harris Road Pump Station	1153	Heavy Rain	Wet Weather	Upper Tamaki River	21:19	31.0	Local
28/10/19	DPHAR	Harris Road Pump Station	1153	Heavy Rain	Wet Weather	Upper Tamaki River	05:00	36.0	Local
11/11/19	DPHAT	Hatfield's Beach	803	Heavy Rain	Rain Event	Orewa	14:49	99.3	Local
11/11/19	DPHAT	Hatfield's Beach	803	Heavy Rain	Rain Event	Orewa	16:33	20.6	Local
25/06/20	DPHAW	Hawkes Crescent	1016	Heavy Rain	Wet Weather	Beachlands Maraetai	05:47	358.0	Local
4/07/19	DPHIP	Highland Park Pump Station	1005			Upper Tamaki River	17:18	156.0	Local
18/06/20	DPHIP	Highland Park Pump Station	1005	Heavy Rain	Wet Weather	Upper Tamaki River	18:49	148.0	Local
25/06/20	DPHIP	Highland Park Pump Station	1005	Heavy Rain	Wet Weather	Upper Tamaki River	03:29	54.0	Local
27/06/20	DPHIP	Highland Park Pump Station	1005	Heavy Rain	Wet Weather	Upper Tamaki River	12:03	63.0	Local
15/10/19	DPS023	Hillsborough pump station		Heavy Rain		Onehunga	06:34	38	Transmission
25/06/20	DPS023	Hillsborough pump station		Heavy Rain		Onehunga	04:35	57	Transmission
4/07/19	DPS063	Hingaia WW pump station		Heavy Rain		Pahurehure Inlet	18:11	114	Transmission

Overflow Date	Facility Code	Overflow Location Facility	EOP ID	Cause	Comments	Catchment	Start Time	Duration in mins	Network
22/08/19	DPS063	Hingaia WW pump station		Heavy Rain		Pahurehure Inlet	17:32	255	Transmission
25/06/20	DPS063	Hingaia WW pump station		Heavy Rain		Pahurehure Inlet	09:15	64	Transmission
25/06/20	DPS030	Howick WW pump station		Heavy Rain		Cockle Bay	04:03	236	Transmission
15/10/19	DPKAH	Kahika WW pump station		Heavy Rain		Upper Harbour South	08:02	197	Transmission
25/06/20	DPKAH	Kahika WW pump station		Heavy Rain		Upper Harbour South	04:01	314	Transmission
27/06/20	DPKAH	Kahika WW pump station		Heavy Rain		Upper Harbour South	08:02	1020	Transmission
28/06/20	DPKAH	Kahika WW pump station		Heavy Rain		Upper Harbour South	01:31	3	Transmission
4/07/19	DPKYH	Kelly Hill	1132	Heavy Rain	Rain Event	Wellsford	11:57	52.7	Local
4/07/19	DPKYH	Kelly Hill	1132	Heavy Rain	Rain Event	Wellsford	14:06	27.9	Local
6/09/19	DPKYH	Kelly Hill	1132	Power Outage	Rain event	Wellsford	00:10	235.7	Local
15/10/19	DPKY1	Kyle 1 WW pump station		Heavy Rain		Upper Harbour North	07:49	96	Transmission
27/06/20	DPKY1	Kyle 1 WW pump station		Heavy Rain		Upper Harbour North	00:42	64	Transmission
5/07/20	DPLNO	Lake Road pump station		Heavy Rain		Shoal Bay	22:22	98	Transmission
13/05/20	DPLAU	Laureston Avenue		Heavy Rain	Wet Weather	Upper Tamaki River	18:31	32.0	Local
4/07/19	DPLID	Lidcombe PL	42	WWO and Power outage		Whau River	19:03	116.0	Local
4/09/19	DPLIL	Lilburn	1258	Power Outage	Planned Vector Outage - Watercare Generator failed, had to get another rental from GRS	Warkworth	11:13	10.6	Local
4/09/19	DPLIL	Lilburn	1258	Power Outage	Planned Vector Outage - Watercare Generator failed, had to get another rental from GRS	Warkworth	11:24	85.4	Local
25/06/20	DPMNG	Mangos Place Pump Station		Heavy Rain	Wet Weather	Upper Tamaki River	05:21	350.0	Local

Overflow Date	Facility Code	Overflow Location Facility	EOP ID	Cause	Comments	Catchment	Start Time	Duration in mins	Network
29/10/19	DPMNR	Manor Road Pump Station		Heavy Rain	Wet Weather	Upper Tamaki River	16:16	48.0	Local
30/10/19	DPMNR	Manor Road Pump Station		Heavy Rain	Wet Weather	Upper Tamaki River	07:33	26.0	Local
25/06/20	DPMNR	Manor Road Pump Station		Heavy Rain	Wet Weather	Upper Tamaki River	05:26	249.0	Local
4/07/19	DPS048	Manurewa West pump station		Heavy Rain		Pahurehure Inlet	16:38	291	Transmission
25/06/20	DPS048	Manurewa West pump station		Heavy Rain		Pahurehure Inlet	07:10	260	Transmission
4/07/19	DPMTI	Maraetai Domain	1079			Beachlands Maraetai	17:24	165.0	Local
18/06/20	DPMTI	Maraetai Domain	1079	Heavy Rain	Wet Weather	Beachlands Maraetai	19:21	73.0	Local
25/06/20	DPMTI	Maraetai Domain Pump Station	1079	Heavy Rain	Wet Weather	Beachlands Maraetai	02:46	548.0	Local
27/06/20	DPMTI	Maraetai Domain Pump Station	1079			Beachlands Maraetai	02:44	217.0	Local
23/08/19	DPS029	Middlemore pump station		Heavy Rain		Upper Tamaki River	18:35	1	Transmission
17/06/20	DPMEN	Milen Ave Pump Station		Heavy Rain	Wet Weather	Upper Tamaki River	10:17	8.0	Local
25/06/20	DPMEN	Milen Ave Pump Station		Heavy Rain	Wet Weather	Upper Tamaki River	05:21	158.0	Local
1/11/19	DPMIR	Miro Road Pump Station Wetwell Overflow	1093	Heavy Rain	Wet Weather	Mangere	02:47	172.0	Local
6/09/19	DPNZS	New Zealand Steel Pump Station	1022			Waiuku	00:43	62.0	Local
15/10/19	DPNRO	Northboro Clifton Tunnel		Heavy Rain		Shoal Bay	08:26	227	Transmission
25/06/20	DPNRO	Northboro Clifton Tunnel		Heavy Rain		Shoal Bay	03:38	417	Transmission
13/05/20	DPOMA	Omana Esplanade	918	Heavy Rain	Wet Weather	Beachlands Maraetai	11:56	55.0	Local
25/06/20	DPOMA	Omana Esplanade	918	Heavy Rain	Wet Weather	Beachlands Maraetai	05:27	95.0	Local
4/07/19	DPS064	Orakei WW pump station		Heavy Rain		Hobson Bay	14:03	578	Transmission
15/10/19	DPS064	Orakei WW pump station		Heavy Rain		Hobson Bay	09:02	566	Transmission
25/06/20	DPS064	Orakei WW pump station		Heavy Rain		Hobson Bay	04:35	450	Transmission
4/07/19	DPS034	Otahuhu North East		Heavy Rain		Hobson Bay	18:20	22	Transmission

Overflow Date	Facility Code	Overflow Location Facility	EOP ID	Cause	Comments	Catchment	Start Time	Duration in mins	Network
18/06/20	DPS034	Otahuhu North East		Heavy Rain		Hobson Bay	18:48	85	Transmission
25/06/20	DPS034	Otahuhu North East		Heavy Rain		Hobson Bay	03:13	695	Transmission
3/05/20	DPS032	Otahuhu North		Heavy Rain		Upper Tamaki River	16:30	87	Transmission
25/06/20	DPS019	Otahuhu West		Heavy Rain		Upper Tamaki River	04:35	950	Transmission
4/07/19	DSSOTR	Otara Relief Branch		Heavy Rain		Upper Tamaki River			Transmission
15/10/19	DPS031	Otara WW pump station		Heavy Rain		Upper Tamaki River	07:54	293	Transmission
18/06/20	DPS031	Otara WW pump station		Heavy Rain		Upper Tamaki River	18:55	279	Transmission
25/06/20	DPS031	Otara WW pump station		Heavy Rain		Upper Tamaki River	03:01	891	Transmission
27/06/20	DPS031	Otara WW pump station		Heavy Rain		Upper Tamaki River	12:50	92	Transmission
5/09/19	DPOUT	Outfall	1094	Heavy Rain	Rain event	Helensville	21:10	181.8	Local
4/07/19	DPPAK	Pakuranga Road Pump Station	667			Lower Tamaki River	12:13		Local
9/09/19	DPPAK	Pakuranga Road Pump Station	667			Lower Tamaki River	09:03	190.0	Local
27/05/20	DPPAK	Pakuranga Road Pump Station	667	Heavy Rain	Wet Weather	Lower Tamaki River	15:28	45.0	Local
4/07/19	DPS028	Pakuranga WW pump station		Heavy Rain		Upper Tamaki River	13:25	299	Transmission
4/07/19	DPPAL	Palmer	790	Heavy Rain	Rain Event	Warkworth	13:28	439.0	Local
3/09/19	DPPAL	Palmer	790	Heavy Rain	Rain event	Warkworth	18:42	651.0	Local
15/10/19	DPPAL	Palmer	790	Heavy Rain	Storm Event	Warkworth	04:11	515.5	Local
18/06/20	DPPEL	Pelorus Place Pump Station	1149	Heavy Rain	Wet Weather	Upper Tamaki River	19:06	163.0	Local
22/06/20	DPPEL	Pelorus Place Pump Station	1149	Heavy Rain	Wet Weather	Upper Tamaki River	11:00	17.0	Local
25/06/20	DPPEL	Pelorus Place Pump Station	1149	Heavy Rain	Wet Weather	Upper Tamaki River	04:19	391.0	Local
25/06/20	DPPHM	Pine Harbour Pump Station	1087	Heavy Rain	Wet Weather	Beachlands Maraetai	05:37	55.0	Local
15/10/19	DPPIN	Pinecrest	1256	Power Outage	Storm Event	Whangaparaoa	05:48	159.4	Local
4/07/19	DPS015	Pt England		Heavy Rain		Lower Tamaki River	13:05	598	Transmission
8/08/19	DPS015	Pt England		Heavy Rain		Lower Tamaki River	08:09	113	Transmission
13/08/19	DPS015	Pt England		Heavy Rain		Lower Tamaki River	08:18	29	Transmission

Overflow Date	Facility Code	Overflow Location Facility	EOP ID	Cause	Comments	Catchment	Start Time	Duration in mins	Network
20/08/19	DPS015	Pt England		Heavy Rain		Lower Tamaki River	23:47	33	Transmission
5/09/19	DPS015	Pt England		Heavy Rain		Lower Tamaki River	23:07	27	Transmission
6/09/19	DPS015	Pt England		Heavy Rain		Lower Tamaki River	12:31	45	Transmission
15/10/19	DPS015	Pt England		Heavy Rain		Lower Tamaki River	05:22	694	Transmission
4/05/20	DPS015	Pt England		Heavy Rain		Lower Tamaki River	00:19	64	Transmission
18/06/20	DPS015	Pt England		Heavy Rain		Lower Tamaki River	18:51	282	Transmission
25/06/20	DPS015	Pt England		Heavy Rain		Lower Tamaki River	02:30	826	Transmission
27/06/20	DPS015	Pt England		Heavy Rain		Lower Tamaki River	05:03	674	Transmission
5/07/20	DPS015	Pt England		Heavy Rain		Lower Tamaki River	23:21	185	Transmission
7/08/20	DPS015	Pt England		Heavy Rain		Lower Tamaki River	01:50	90	Transmission
6/09/19	DPSHR	School Rd	1130	Power Outage	Rain event	Wellsford	00:17	251.7	Local
25/06/20	DPSI1	Sidmouth WW pump station		Heavy Rain		East Coast Bays	01:28	389	Transmission
4/07/19	DPS025	St George WW pump station		Heavy Rain		Western Isthmus	17:05	75	Transmission
8/08/19	DPS025	St George WW pump station		Heavy Rain		Western Isthmus	06:42	105	Transmission
22/08/19	DPS025	St George WW pump station		Heavy Rain		Western Isthmus	13:33	20	Transmission
5/09/19	DPS025	St George WW pump station		Heavy Rain		Western Isthmus	22:31	88	Transmission
6/09/19	DPS025	St George WW pump station		Heavy Rain		Western Isthmus	00:43	70	Transmission
15/10/19	DPS025	St George WW pump station		Heavy Rain		Western Isthmus	06:11	522	Transmission
25/06/20	DPS025	St George WW pump station		Heavy Rain		Western Isthmus	00:51	578	Transmission
4/07/19	DPSPE	Stanhope Rd		WWO		Upper Tamaki River	15:34	24.0	Local
4/07/19	DPS038	Sylvia Park pump station		Heavy Rain		Upper Tamaki River	16:20	125	Transmission
4/07/19	DPTBD	Tamaki Bay Drive	642			Upper Tamaki River	11:52	108.0	Local
25/06/20	DPTBD	Tamaki Bay Drive	642	Heavy Rain	Wet Weather	Upper Tamaki River	05:27	123.0	Local
4/07/19	DPS042	Te Atatu North pump station		Heavy Rain		Henderson Creek	17:52	299	Transmission
10/09/19	DPS042	Te Atatu North pump station		Heavy Rain		Henderson Creek	00:34	1380	Transmission
15/10/19	DPS042	Te Atatu North pump station		Heavy Rain		Henderson Creek	06:36	785	Transmission

Overflow Date	Facility Code	Overflow Location Facility	EOP ID	Cause	Comments	Catchment	Start Time	Duration in mins	Network
17/12/19	DPS042	Te Atatu North pump station		Heavy Rain		Henderson Creek	16:37	214	Transmission
25/06/20	DPS042	Te Atatu North pump station		Heavy Rain		Henderson Creek	01:40	849	Transmission
27/06/20	DPS042	Te Atatu North pump station		Heavy Rain		Henderson Creek	00:45	1328	Transmission
4/07/19	DPTVW	Third View Pump Station	1083			Beachlands Maraetai	16:18	427.0	Local
25/06/20	DPTVW	Third View Pump Station	1083	Heavy Rain	Wet Weather	Beachlands Maraetai	04:43	467.0	Local
13/05/20	DPTOO	Toomer Place	1086	Heavy Rain	Wet Weather	Beachlands Maraetai	13:51	7.0	Local
25/06/20	DPTOO	Toomer Place	1086	Heavy Rain	Wet Weather	Beachlands Maraetai	05:00	606.0	Local
25/06/20	DPUND	Undine Pump Station		Heavy Rain	Wet Weather	Upper Tamaki River	05:26	81.0	Local
4/07/19	DPS044	Western WW pump station		Heavy Rain		Henderson Creek	11:09	765	Transmission
14/07/19	DPS044	Western WW pump station		Heavy Rain		Henderson Creek	13:13	60	Transmission
4/08/19	DPS044	Western WW pump station		Heavy Rain		Henderson Creek	12:29	69	Transmission
8/08/19	DPS044	Western WW pump station		Heavy Rain		Henderson Creek	06:57	248	Transmission
9/08/19	DPS044	Western WW pump station		Heavy Rain		Henderson Creek	09:09	870	Transmission
10/08/19	DPS044	Western WW pump station		Heavy Rain		Henderson Creek	11:06	609	Transmission
6/09/19	DPS044	Western WW pump station		Heavy Rain		Henderson Creek	09:16	180	Transmission
10/09/19	DPS044	Western WW pump station		Heavy Rain		Henderson Creek	06:11	130	Transmission
15/10/19	DPS044	Western WW pump station		Heavy Rain		Henderson Creek	05:55	734	Transmission
18/06/20	DPS044	Western WW pump station		Heavy Rain		Henderson Creek	20:20	6	Transmission
25/06/20	DPS044	Western WW pump station		Heavy Rain		Henderson Creek	03:39	534	Transmission
27/06/20	DPS044	Western WW pump station		Heavy Rain		Henderson Creek	03:51	1005	Transmission
4/07/19	DSWWHE	Whenuapai Branch		Heavy Rain		Henderson Creek			Transmission
4/07/19	DPWOR	Worker Rd	1128	Heavy Rain	Rain Event	Wellsford	11:59	38.5	Local
1/06/20	DPWOR	Worker Rd	1128	Heavy Rain	Storm Event	Wellsford	09:29	51.0	Local
6/09/19	DPWOR	Worker Rd	1128	Power Outage	Severe weather / Rain event	Wellsford	00:08	202.8	Local

4.2 Trend Analysis

Introduction

Consistent with Section 3 (dry weather overflows), Type 1 wet weather overflow trend analysis uses a rolling five-year average. Type 3 wet weather overflow trend analysis uses annualised data and two techniques:

Wet weather overflow trend analysis uses annualised data and two methods:

- Visual assessment
- Statistical analysis using simple linear models
- Analyses used a p-value of <0.05 as the threshold for significance. Since the data are for annual totals, there are insufficient data to analyse using more complicated statistical techniques.

Type 1 wet weather overflow trends

Table 4-4 presents the rolling five-year averages for data from 2015-16 onwards. Of the 233 type 1 overflow locations, 74 % were at, or below, the target frequency of two overflows per year (on average). Of the 61 pump stations that have overflowed more than twice per year, five are on a decreasing trend and 28 are stable.

Wet weather overflows at 28 pump stations have become more frequent over time. This group of poorly performing pump stations includes Brigitte View in the Snells Beach / Algies Bay catchment, which has the highest rolling average (30 times per year). The Brigitte View pump station is too small for its catchment and Watercare is replacing it in 2020-2021. No other pump station averaged more than ten wet weather overflows per year.

The Upper Tamaki River has the most pump stations overflowing more than two times a year (11 pump stations), followed by Henderson Creek and East Coast Bays (eight pump stations each). East Coast Bays (five pump stations) and the Upper Tamaki River (four pump stations) has the highest number of pump stations with increasing trends for wet weather overflows.

Table** Error! No text of specified style in document.**-4 Type 1 wet weather overflow trends

Catchment	Pump Station	2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2015-2020	Trend
Beachlands	Hawke Crescent	0	0	1	0	0	0.2	Target achieved
Beachlands	Hawkes Crescent	0	0	0	0	1	0.2	Target achieved
Beachlands	Maraetai Domain	0	0	7	5	2	2.8	Increasing
Beachlands	Omana Esplanade	0	0	1	1	2	0.8	Target achieved
Beachlands	Pine Harbour	0	0	0	0	1	0.2	Target achieved
Beachlands	Sunkist Bay	0	0	1	0	0	0.2	Target achieved
Beachlands	Third Avenue	0	0	3	4	0	1.4	Target achieved
Beachlands	Third View	0	0	0	0	1	0.2	Target achieved
Beachlands	Toomer Place	0	0	1	0	2	0.6	Target achieved
Central Auckland (CBD)	95 Wellington Street	2	0	17	0	0	3.8	No change
Central Auckland (CBD)	Farnham Street Wholesale	0	1	2	0	0	0.6	Target achieved
Central Auckland (CBD)	Farnham Street WW	0	1	2	0	0	0.6	Target achieved
Central Auckland (CBD)	Wynyard Quarter Branch WW	0	0	1	0	0	0.2	Target achieved
Cockle Bay	Howick Wholesale	0	4	4	3	0	2.2	No change
Cockle Bay	Bucklands Beach Branch WW	0	7	3	4	1	3	Increasing
Cockle Bay	Bucklands Beach WW	0	4	2	1	1	1.6	Target achieved
Cockle Bay	Howick WW	2	4	4	3	1	2.8	Increasing
Cockle Bay	Mellons Bay Branch WW	0	7	3	3	0	2.6	No change
Cox's Bay	Webber Street	2	0	0	1	0	0.6	Target achieved
Cox's Bay	Westmere Park Wholesale	1	1	0	0	0	0.4	Target achieved
Devonport-Takapuna	King Edward	0	1	0	0	0	0.2	Target achieved
Devonport-Takapuna	Northboro Tunnel Wastewater Overflow	0	12	4	4	0	4	No change
Devonport-Takapuna	Seacliffe	0	4	0	0	0	0.8	Target achieved

Catchment	Pump Station	2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2015-2020	Trend
East Coast Bays	Alma	0	7	1	1	0	1.8	Target achieved
East Coast Bays	Black Rock	0	5	4	2	0	2.2	No change
East Coast Bays	Castor Bay	0	9	4	4	0	3.4	No change
East Coast Bays	Churchill	0	2	0	1	0	0.6	Target achieved
East Coast Bays	Sidmouth (Northern Overflow)	0	10	3	3	0	3.2	No change
East Coast Bays	Silverfield Storage Tank	0	1	0	0	0	0.2	Target achieved
East Coast Bays	Browns Bay	0	5	2	3	0	2	Target achieved
East Coast Bays	Seaview	0	0	0	2	0	0.4	Target achieved
East Coast Bays	Alma WW	3	7	1	1	2	2.8	Increasing
East Coast Bays	Black Rock WW	0	5	4	3	6	3.6	Increasing
East Coast Bays	Browns Bay WW	0	5	2	3	3	2.6	Increasing
East Coast Bays	Castor Bay WW	1	9	4	4	4	4.4	Increasing
East Coast Bays	Sidmouth WW	0	10	2	3	1	3.2	Increasing
East Coast Bays	Wairau WW	0	1	0	0	0	0.2	Target achieved
Helensville	Kowhai	1	0	0	0	0	0.2	Target achieved
Helensville	Outfall	1	0	1	0	1	0.6	Target achieved
Helensville	Springs Road	1	1	0	0	0	0.4	Target achieved
Henderson Creek	Glen Eden Branch MH16	0	0	0	1	0	0.2	Target achieved
Henderson Creek	Te Atatu North Wholesale	0	12	8	3	0	4.6	No change
Henderson Creek	Western Wholesale	0	5	7	2	0	2.8	No change
Henderson Creek	Easter Parade	0	0	2	1	0	0.6	Target achieved
Henderson Creek	Glen Eden Branch WW	24	15	5	1	0	9	Decreasing
Henderson Creek	Glen Eden Storage Tank	0	0	0	1	1	0.4	Target achieved
Henderson Creek	Massey Branch WW	6	4	5	1	0	3.2	Decreasing

Catchment	Pump Station	2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2015-2020	Trend
Henderson Creek	Te Atatu Branch WW	0	1	0	0	0	0.2	Target achieved
Henderson Creek	Te Atatu North Branch WW	11	7	3	1	0	4.4	Decreasing
Henderson Creek	Te Atatu North WW	2	12	8	3	6	6.2	Increasing
Henderson Creek	Western WW	2	5	7	2	12	5.6	Increasing
Henderson Creek	Whenuapai Branch WW	7	8	3	4	1	4.6	Decreasing
Hobson Bay	Atkin Avenue	0	1	0	0	0	0.2	Target achieved
Hobson Bay	Gillies Avenue	0	1	0	0	0	0.2	Target achieved
Hobson Bay	John Rymer Place	2	2	1	1	0	1.2	Target achieved
Hobson Bay	Kohimarama Wholesale	0	2	0	0	0	0.4	Target achieved
Hobson Bay	Meadowbank Road	0	2	0	0	0	0.4	Target achieved
Hobson Bay	Orakei Wholesale	0	0	5	2	0	1.4	Target achieved
Hobson Bay	Purewa Road	0	0	0	1	0	0.2	Target achieved
Hobson Bay	Shore Road Wholesale	1	2	0	0	0	0.6	Target achieved
Hobson Bay	Branch 1 Diversion WW	0	1	0	0	0	0.2	Target achieved
Hobson Bay	Branch 1 Remuera WW	0	1	0	0	0	0.2	Target achieved
Hobson Bay	Branch 1A Mission Bay WW	0	1	0	1	0	0.4	Target achieved
Hobson Bay	Branch 3 Diversion WW	0	1	0	0	0	0.2	Target achieved
Hobson Bay	Branch 3 Newmarket WW	2	3	0	0	0	1	Target achieved
Hobson Bay	Kohimarama WW	1	2	0	0	0	0.6	Target achieved
Hobson Bay	Orakei WW	2	9	5	2	3	4.2	Increasing
Hobson Bay	Otahuhu North East WW	0	8	5	5	3	4.2	Increasing
Long Bay	Okura River Rd	0	1	1	1	0	0.6	Target achieved
Long Bay	East Coast Bays Branch Sewer WW	0	0	1	1	1	0.6	Target achieved
Lower Tamaki River	Belmere Rise	0	0	0	0	1	0.2	Target achieved

Catchment	Pump Station	2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2015-2020	Trend
Lower Tamaki River	Belmere Rise	0	0	3	0	0	0.6	Target achieved
Lower Tamaki River	Bramley Drive	0	0	0	0	1	0.2	Target achieved
Lower Tamaki River	Bramley Drive	0	0	2	0	0	0.4	Target achieved
Lower Tamaki River	Bucklands Beach Wholesale	0	4	2	1	0	1.4	Target achieved
Lower Tamaki River	Glendowie Branch MH13	0	15	0	0	0	3	No change
Lower Tamaki River	Glendowie Wholesale	0	5	4	4	0	2.6	No change
Lower Tamaki River	Pakuranga Road	0	0	0	0	1	0.2	Target achieved
Lower Tamaki River	Panmure Basin Wholesale	0	2	0	0	0	0.4	Target achieved
Lower Tamaki River	Pt England Wholesale	0	0	8	8	0	3.2	No change
Lower Tamaki River	Manor Park	0	0	1	0	0	0.2	Target achieved
Lower Tamaki River	Glendowie WW	0	5	4	4	3	3.2	Increasing
Lower Tamaki River	Pt England WW	5	15	8	9	11	9.6	Increasing
Mangere	Black Bridge Wholesale	0	9	2	1	0	2.4	No change
Mangere	Lambie Court	0	0	1	0	0	0.2	Target achieved
Mangere	Miro Road Wetwell Overflow	0	0	0	0	1	0.2	Target achieved
Mangere	Otahuhu West Wholesale	0	7	7	5	0	3.8	No change
Mangere	Sylvia Park	0	0	0	1	0	0.2	Target achieved
Mangere	Kiwi Esplanade	0	0	1	0	0	0.2	Target achieved
Mangere	Black Bridge WW	3	9	1	1	0	2.8	No change
Mangere	Mangere Bridge Branch WW	1	0	0	0	0	0.2	Target achieved
Mangere	Otahuhu North Branch Diversion Sewer WW	0	3	0	0	0	0.6	Target achieved
Mangere	Otahuhu North Branch WW	0	2	0	0	0	0.4	Target achieved
Not assigned	Reef Place	0	0	0	1	0	0.2	Target achieved

Catchment	Pump Station	2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2015-2020	Trend
Onehunga	Aldersgate Road 1	3	5	8	5	0	4.2	No change
Onehunga	Aldersgate Road 2	3	5	4	2	0	2.8	No change
Onehunga	Hillsborough Road	0	1	0	0	0	0.2	Target achieved
Onehunga	Hillsborough Wholesale	0	2	3	2	0	1.4	Target achieved
Onehunga	Godwit Pl	0	1	0	0	0	0.2	Target achieved
Onehunga	Hillsborough WW	1	2	3	2	2	2	Target achieved
Onehunga	Lynfield Branch WW	0	1	0	0	0	0.2	Target achieved
Onehunga	Onehunga Branch WW	0	1	0	0	0	0.2	Target achieved
Oneroa	Oneroa Waiheke	0	4	0	0	0	0.8	Target achieved
Orewa	Hatfields Beach	0	1	0	3	2	1.2	Target achieved
Orewa	Orewa	0	3	0	0	0	0.6	Target achieved
Pahurehure Inlet	Drury/Hingaia Wholesale	0	6	1	4	0	2.2	No change
Pahurehure Inlet	Manurewa West Wholesale	0	4	3	2	0	1.8	Target achieved
Pahurehure Inlet	PS 84 Manurewa South	0	2	0	0	0	0.4	Target achieved
Pahurehure Inlet	Weymouth Wholesale	0	3	2	2	0	1.4	Target achieved
Pahurehure Inlet	Hingaia WW	2	6	1	4	3	3.2	Increasing
Pahurehure Inlet	Manurewa Branch Diversion WW	0	0	1	1	0	0.4	Target achieved
Pahurehure Inlet	Manurewa Branch WW	0	4	3	1	0	1.6	Target achieved
Pahurehure Inlet	Manurewa South WW	0	2	0	0	0	0.4	Target achieved
Pahurehure Inlet	Manurewa West WW	3	4	3	2	2	2.8	Increasing
Pahurehure Inlet	Papakura Branch WW	0	1	0	0	0	0.2	Target achieved
Pahurehure Inlet	Papakura North Branch WW	0	2	0	0	0	0.4	Target achieved
Pahurehure Inlet	Weymouth Branch WW	0	5	1	1	0	1.4	Target achieved
Pahurehure Inlet	Weymouth WW	1	3	2	2	0	1.6	Target achieved

Catchment	Pump Station	2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2015-2020	Trend
Puhinui	Papatoetoe Wholesale	0	0	3	0	0	0.6	Target achieved
Puhinui	Puhinui Wholesale	0	2	0	0	0	0.4	Target achieved
Puhinui	Weymouth North Wholesale	0	1	0	0	0	0.2	Target achieved
Puhinui	Papatoetoe West WW	0	0	2	0	0	0.4	Target achieved
Puhinui	Puhinui WW	0	2	0	0	0	0.4	Target achieved
Puhinui	Southern Interceptor WW	0	8	1	0	0	1.8	Target achieved
Puhinui	Southwestern Interceptor WW	0	2	0	0	0	0.4	Target achieved
Puhinui	Weymouth North WW	1	1	0	0	0	0.4	Target achieved
Pukekohe	Cape Hill Road	0	0	0	1	0	0.2	Target achieved
Pukekohe	Pamela Christine	0	0	1	0	0	0.2	Target achieved
Shoal Bay	Arahia	0	5	0	0	0	1	Target achieved
Shoal Bay	Jim Tichener	0	1	5	2	0	1.6	Target achieved
Shoal Bay	Kawerau	0	3	1	1	0	1	Target achieved
Shoal Bay	Lake Northcote	0	1	0	0	0	0.2	Target achieved
Shoal Bay	Maunganui Storage Tank Overflow	0	3	2	1	0	1.2	Target achieved
Shoal Bay	Lake Road (Northcote) WW	0	1	0	0	0	0.2	Target achieved
Shoal Bay	Maunganui Rd WW	0	3	2	1	0	1.2	Target achieved
Shoal Bay	Northboro Clifton Tunnel WW	1	12	4	4	2	4.6	Increasing
Shoal Bay	Northcote Branch Sewer WW	0	0	2	0	0	0.4	Target achieved
Snells/Algies	Brigitte View	10	23	65	21	29	29.6	Increasing
Snells/Algies	Dalton	0	1	1	1	0	0.6	Target achieved
Snells/Algies	Tamatea	0	0	1	1	0	0.4	Target achieved
Snells/Algies	Willjames	0	1	0	0	0	0.2	Target achieved
Upper Harbour North	Churchhouse WW	2	2	2	1	1	1.6	Target achieved

Catchment	Pump Station	2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2015-2020	Trend
Upper Harbour North	Kyle 1 WW	2	4	4	2	2	2.8	Increasing
Upper Harbour North	Rosedale WW	0	6	3	0	0	1.8	Target achieved
Upper Harbour South	Awatahi	0	0	1	1	0	0.4	Target achieved
Upper Harbour South	Church House	0	2	2	1	0	1	Target achieved
Upper Harbour South	Kyle 1	0	4	4	2	0	2	Target achieved
Upper Harbour South	Rosedale	0	6	3	0	0	1.8	Target achieved
Upper Harbour South	Van Der Bilt	0	0	1	0	0	0.2	Target achieved
Upper Harbour South	Albany Church	1	1	1	1	0	0.8	Target achieved
Upper Harbour South	Cronin	4	8	6	5	2	5	Increasing
Upper Harbour South	Island Bay	3	1	14	4	0	4.4	No change
Upper Harbour South	Kahika	0	4	3	2	0	1.8	Target achieved
Upper Harbour South	Kahika WW	0	4	2	2	4	2.4	Increasing
Upper Harbour West	Herald Is No 1	0	0	8	0	0	1.6	Target achieved
Upper Harbour West	Herald Is No 2	0	0	1	0	0	0.2	Target achieved
Upper Tamaki River	Aviemore Drive	0	0	1	0	0	0.2	Target achieved
Upper Tamaki River	Burswood Drive	0	0	0	0	1	0.2	Target achieved
Upper Tamaki River	Burswood Drive	0	0	1	0	0	0.2	Target achieved
Upper Tamaki River	Cascades Road	0	0	0	0	1	0.2	Target achieved
Upper Tamaki River	Harris Road Wetwell Overflow	0	0	0	0	2	0.4	Target achieved
Upper Tamaki River	Highland Park	0	0	0	0	3	0.6	Target achieved
Upper Tamaki River	Highland Park	0	0	3	0	0	0.6	Target achieved
Upper Tamaki River	Laureston Avenue	0	0	0	0	1	0.2	Target achieved
Upper Tamaki River	Mangos Place	0	0	0	0	1	0.2	Target achieved
Upper Tamaki River	Manor Road Wetwell Overflow	0	0	0	0	3	0.6	Target achieved

Catchment	Pump Station	2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2015-2020	Trend
Upper Tamaki River	McDonald Crescent	1	0	0	0	0	0.2	Target achieved
Upper Tamaki River	Middlemore Wholesale	0	9	3	1	0	2.6	No change
Upper Tamaki River	Milen Ave	0	0	0	0	2	0.4	Target achieved
Upper Tamaki River	Otahuhu North Diversion MH07	0	0	5	0	0	1	Target achieved
Upper Tamaki River	Otahuhu North East Wholesale	0	8	0	5	0	2.6	No change
Upper Tamaki River	Otara Wholesale	1	13	1	0	0	3	No change
Upper Tamaki River	Pakuranga South Wholesale	0	1	1	0	0	0.4	Target achieved
Upper Tamaki River	Pakuranga Wholesale	0	13	1	0	0	2.8	No change
Upper Tamaki River	Panama Road	0	0	0	2	0	0.4	Target achieved
Upper Tamaki River	Pelorus Place	0	0	0	0	3	0.6	Target achieved
Upper Tamaki River	Pelorus Place	0	0	2	1	0	0.6	Target achieved
Upper Tamaki River	Sylvia Park Wholesale	0	2	4	0	0	1.2	Target achieved
Upper Tamaki River	Tamaki Bay Drive	0	0	0	0	1	0.2	Target achieved
Upper Tamaki River	Undine	0	0	0	0	1	0.2	Target achieved
Upper Tamaki River	Arwen Place	0	0	1	2	0	0.6	Target achieved
Upper Tamaki River	Otahuhu North	0	7	0	0	0	1.4	Target achieved
Upper Tamaki River	Botany WW	1	0	0	0	0	0.2	Target achieved
Upper Tamaki River	Howick Interceptor WW	0	9	2	1	0	2.4	No change
Upper Tamaki River	Middlemore WW	0	9	2	1	1	2.6	Increasing
Upper Tamaki River	Otahuhu East Brach WW	0	0	1	0	0	0.2	Target achieved
Upper Tamaki River	Otahuhu East Branch Diversion Sewer WW	0	2	0	0	0	0.4	Target achieved
Upper Tamaki River	Otahuhu North WW	2	7	0	0	1	2	Target achieved
Upper Tamaki River	Otahuhu West WW	0	7	6	5	1	3.8	Increasing
Upper Tamaki River	Otara Branch WW	6	31	19	9	0	13	Decreasing

Catchment	Pump Station	2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2015-2020	Trend
Upper Tamaki River	Otara Relief Branch WW	0	7	2	4	1	2.8	Increasing
Upper Tamaki River	Otara WW	2	13	1	0	4	4	Increasing
Upper Tamaki River	Pakuranga South WW	0	1	1	0	0	0.4	Target achieved
Upper Tamaki River	Pakuranga WW	2	13	1	0	1	3.4	No change
Upper Tamaki River	Panmure Basin WW	0	2	0	0	0	0.4	Target achieved
Upper Tamaki River	Sylvia Park WW	0	2	4	0	1	1.4	Target achieved
Waiuku	Edgewater	0	0	0	0	1	0.2	Target achieved
Waiuku	Fernleigh Avenue	0	0	0	1	0	0.2	Target achieved
Warkworth	Lilburn	1	0	0	2	0	0.6	Target achieved
Warkworth	Palmer	4	6	10	2	3	5	Increasing
Weiti	Duck Creek	0	1	1	1	0	0.6	Target achieved
Weiti	Wade	0	0	0	1	0	0.2	Target achieved
Weiti	Weiti	0	1	0	1	0	0.4	Target achieved
Wellsford	Armitage	2	1	2	6	2	2.6	Increasing
Wellsford	Kelly Hill	0	0	0	0	2	0.4	Target achieved
Wellsford	School Road	0	0	1	1	0	0.4	Target achieved
Wellsford	Worker Road	2	3	1	1	2	1.8	Target achieved
Western Isthmus	Oliver Road Wholesale	12	9	4	2	0	5.4	No change
Western Isthmus	Orakei Main Sewer MH38	0	9	0	0	0	1.8	Target achieved
Western Isthmus	Wainui Avenue Wholesale	0	2	0	0	0	0.4	Target achieved
Western Isthmus	Waterbank Crescent	0	1	0	0	0	0.2	Target achieved
Western Isthmus	Wingate Street	1	2	0	1	0	0.8	Target achieved
Western Isthmus	Branch 8 Mt Albert WW	0	0	2	0	1	0.6	Target achieved
Western Isthmus	Branch 9 Mt Roskill WW	6	10	1	1	1	3.8	No change

Catchment	Pump Station	2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2015-2020	Trend
Western Isthmus	Edendale Branch WW	0	0	1	1	1	0.6	Target achieved
Western Isthmus	Oliver Road WW	0	0	0	0	0	0	Target achieved
Western Isthmus	St George WW	6	8	9	4	7	6.8	Increasing
Western Isthmus	Western Interceptor WW	0	1	0	0	0	0.2	Target achieved
Whangaparaoa	Bay Street	1	1	1	3	1	1.4	Target achieved
Whangaparaoa	Okoromai	0	0	1	2	0	0.6	Target achieved
Whangaparaoa	Pacific	0	1	0	0	0	0.2	Target achieved
Whangaparaoa	Pinecrest	1	0	0	0	0	0.2	Target achieved
Whangaparaoa	Stanmore	0	1	0	0	0	0.2	Target achieved
Whau River	Ash Street	1	2	3	1	0	1.4	Target achieved
Whau River	Endeavour Street	1	0	0	0	0	0.2	Target achieved
Whau River	Holly Street 2	0	0	1	0	0	0.2	Target achieved
Whau River	Lewis Street	3	0	1	1	0	1	Target achieved
Whau River	Lidcombe Place	0	5	1	0	0	1.2	Target achieved
Whau River	Riversdale Road	1	3	0	0	0	0.8	Target achieved
Whau River	St George Wholesale	0	8	10	4	0	4.4	No change
Whau River	Timothy Place	0	4	0	0	0	0.8	Target achieved
Whau River	West Lynn Branch WW	4	0	0	0	0	0.8	Target achieved

Type 3 spatial differences

Figure 4-1 presents the total number of wet weather overflows per catchment for 2019-2020. Wet weather overflows in Upper Tamaki, and the Western Isthmus accounted for 27 % of overflows. East Coast Bays and Hobson Bay accounted for 14% (41 % in total). Henderson Creek, which had the second-highest number of Type 3 dry weather overflows, had relatively few overflows (9th highest). The Whau River had the third-highest frequency of Type 3 wet weather overflows in 2019-2020 (after Upper Tamaki and the Western Isthmus).

Five catchments account for almost 50 % of all the overflows across the 36-catchment network (46 %). These catchments are:

- Upper Tamaki
- Henderson Creek
- Western Isthmus
- East Coast Bays
- Hobson Bay

Type 3 changes over time

Similar to the data for dry weather overflows, the only catchment that has significantly different wet weather overflows over time is Weiti. Wet weather overflows in this catchment are again infrequent compared to other catchments. However, frequencies have increased year-on-year (Figure 4-2).

Surcharging (27%) and fats (21 %) were the most frequent cause of wet weather overflows in 2019-2020. However, frequencies of these causes have fluctuated between years rather than significantly increasing over time (Figure 4-3). As Figure 4-3 shows, and consistent with dry weather reporting, occurrences of rags (which often comprise wet wipes) have also significantly increased over time. Similarly, silt blockages, a relatively rare cause of wet weather overflows have significantly decreased over time.

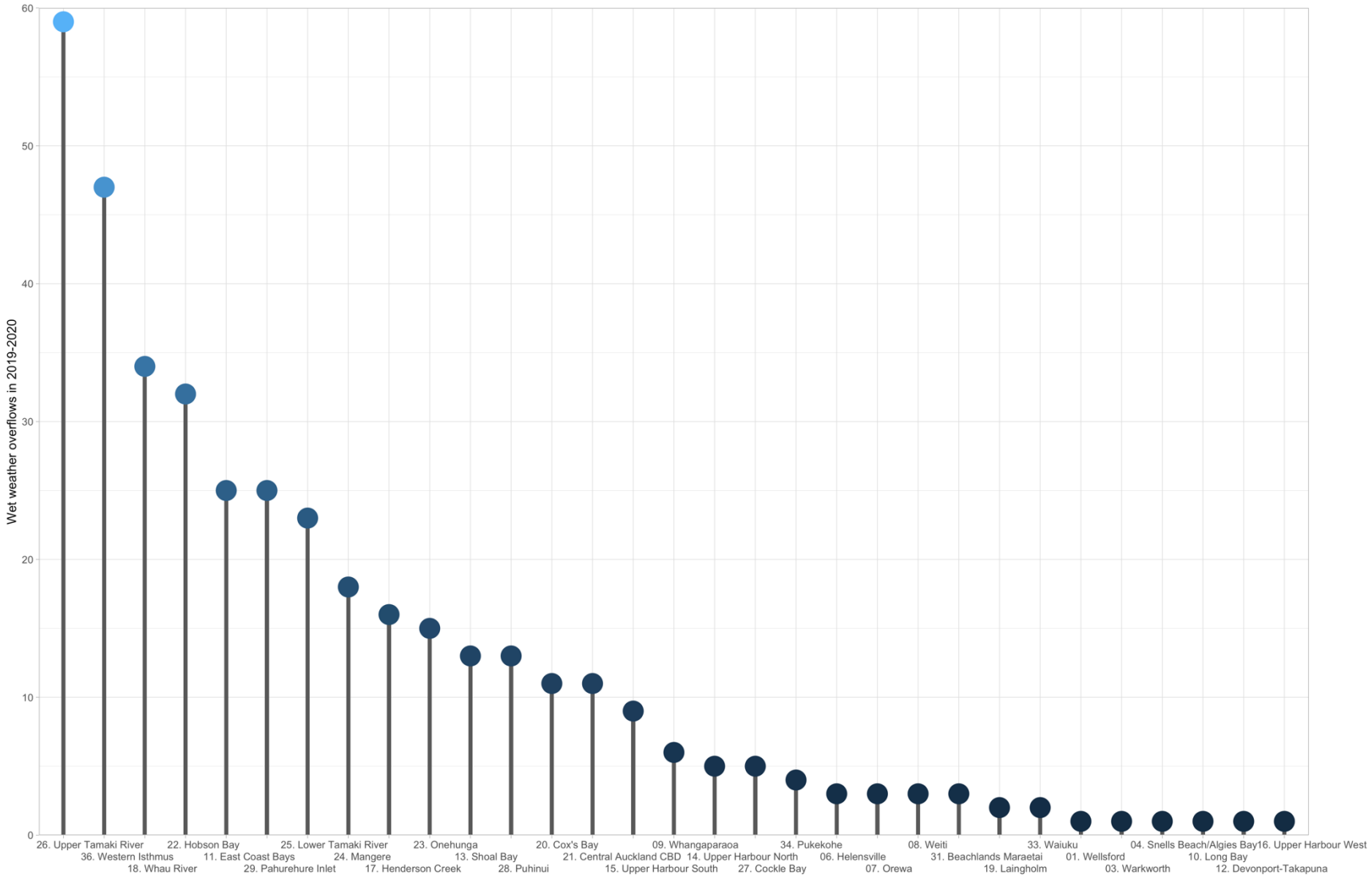


Figure** Error! No text of specified style in document.**-1 Type 3 wet weather overflows by catchment in 2019-2020

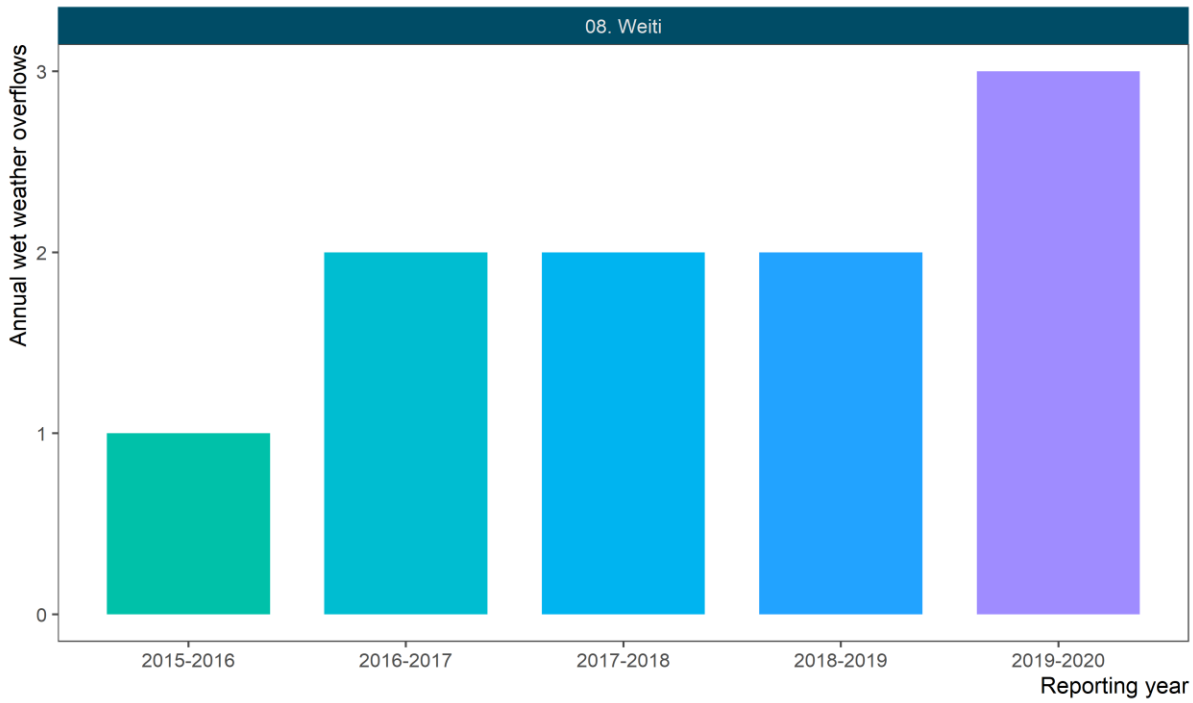
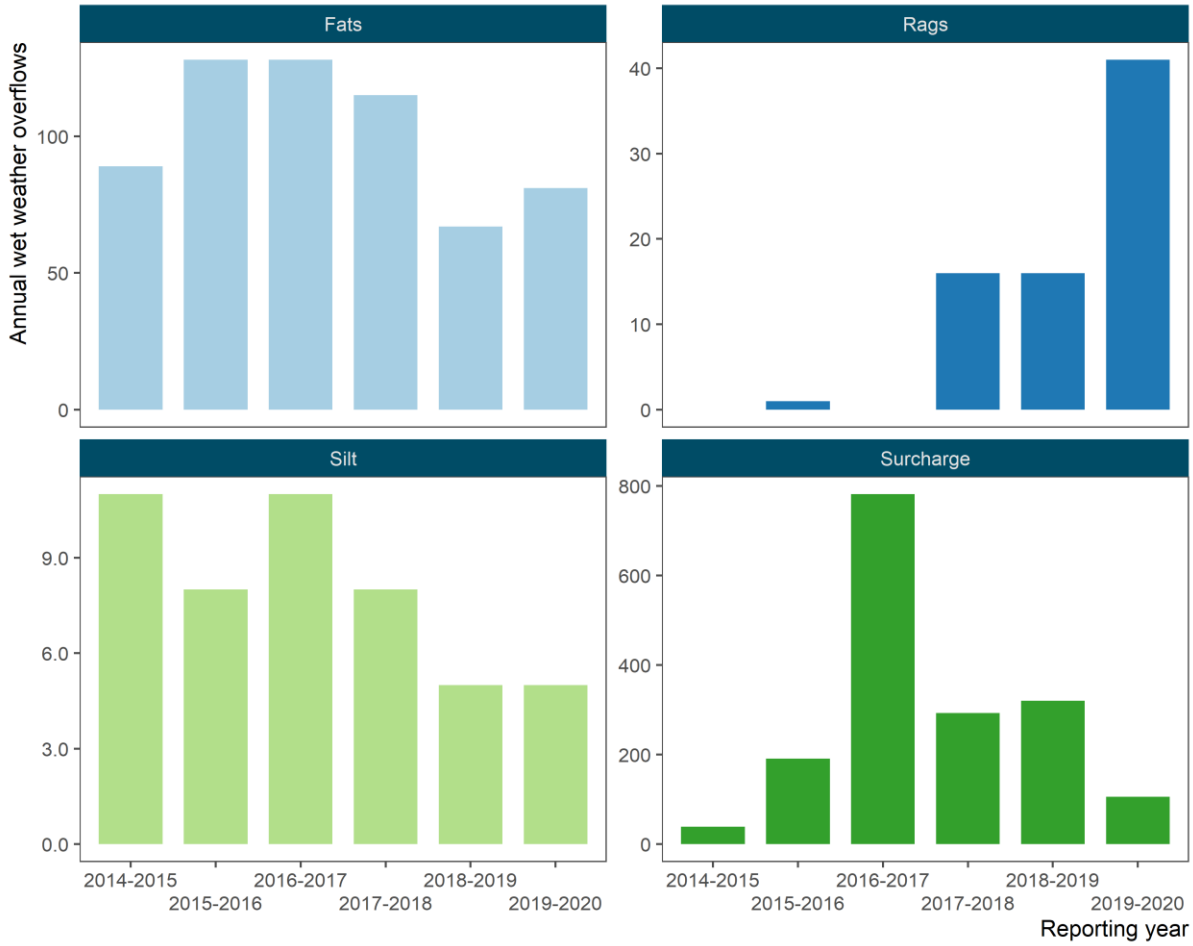


Figure** Error! No text of specified style in document.**-2 Annual Type 3 wet weather overflows in the Weiti catchment over time.



5. Inflow and Infiltration Programme

An overall summary of the I&I projects that Watercare conducted during the 2019-20 reporting year can be found in Table 5-1.

Table 5-1 Summary of I&I projects conducted during the 2019-20 reporting year.

Investigation Programme Type	Investigation Project Name	Types of Investigations	Project Status	Expected Outcome	Catchment
Watercare I&I Investigation	Beachlands 1&2, and Maraetai Sub catchments	Targeted pipe cleaning and CCTV survey, private property drainage inspections	Ongoing	Reduce network salinity levels and wet weather influence and decrease salinity and wet weather flows arriving at the Wastewater Treatment Plant	Beachlands-Maraetai
Watercare I&I Investigation	Palmer St WWPS and Elizabeth St EOP Sub catchments	Planned catchment wide public wastwater network pipe cleaning and CCTV survey, private property drainage inspections	Ongoing	Reduce wet weather overflows onto private property and into waterways and beaches	Warkworth
Watercare I&I Investigation	Wellsford SMA	Planned catchment wide wastwater public network pipe cleaning and CCTV survey, private property drainage inspections	Ongoing	Reduce network wet weather overflows onto private property, into waterways and beaches and decrease wet weather flows arriving at the Wastewater Treatment Plant	Wellsford
Watercare I&I Investigation	Kuaka Place	Targeted wastewater public network CCTV survey, private property drainage inspections	Ongoing	Reduce wet weather overflows onto private property, into waterways and beaches	Whau River
Watercare I&I Investigation	Kokekoke Street	Targeted wastwater public network CCTV survey, private property drainage inspections	Ongoing	Reduce wet weather overflows onto private property, into waterways and beaches	Wahu River
Joint I&I and Healthy Waters Safe Networks Investigation	Browns Bay	Targeted wastewater and stormwater public network CCTV survey and private property drainage inspections	Completed	Identify illegal wastewater connections to the stormwater network and reduce wet weather overflows onto private property, waterways and beaches	East Coast Bays
Joint I&I and Healthy Waters Safe Networks Investigation	Wairau Outlet	Targeted wastewater and stormwater public network CCTV survey and private property drainage inspections	Completed	Identify illegal wastewater connections to the stormwater network and reduce wet weather overflows onto private property, waterways and beaches	East Coast Bays

Investigation Programme Type	Investigation Project Name	Types of Investigations	Project Status	Expected Outcome	Catchment
Joint I&I and Healthy Waters Safe Networks Investigation	Red Beach	Targeted wastewater and stormwater public network CCTV survey and private property drainage inspections	Completed	Identify illegal wastewater connections to the stormwater network and reduce wet weather overflows onto private property, waterways and beaches	Whangaparoa
Joint I&I and Healthy Waters Safe Networks Investigation	Castor Bay	Planned catchment wide wastewater and stormwater public network pipe cleaning and CCTV survey, private property drainage inspections	Ongoing	Identify illegal wastewater connections to the stormwater network and reduce wet weather overflows onto private property, waterways and beaches	East Coast Bays
Joint I&I and Healthy Waters Safe Networks Investigation	Laingholm Beach	Planned catchment wide wastewater and stormwater network pipe cleaning and CCTV survey, private property drainage inspections	Ongoing	Identify illegal wastewater connections to the stormwater network and reduce wet weather overflows onto private property, waterways and beaches	Laingholm
Joint I&I and Healthy Waters Safe Networks Investigation	Wai O Taiki Bay	Planned catchment wide wastewater and stormwater network pipe cleaning and CCTV survey, private property drainage inspections	Ongoing	Identify illegal wastewater connections to the stormwater network and reduce wet weather overflows onto private property, waterways and beaches	Lower Tamaki River
Joint I&I and Healthy Waters Safe Networks Investigation	French Bay	Planned catchment wide wastewater and stormwater public network pipe cleaning and CCTV survey, private property drainage inspections	Started	Identify illegal wastewater connections to the stormwater network and reduce wet weather overflows onto private property, waterways and beaches	Laingholm
Joint I&I and Healthy Waters Safe Networks Investigation	Wood Bay	Planned catchment wide wastewater and stormwater public network pipe cleaning and CCTV survey, private property drainage inspections	Started	Identify illegal wastewater connections to the stormwater network and reduce wet weather overflows onto private property, waterways and beaches	Laingholm
Western Isthmus Programme- Joint Watercare and Healthy Waters Investigation	Blockhouse Bay Separation Investigation Project	Mapping and condition assessment of existing private drainage, identifying connection to the public networks, developing separation options.	Completed	Reducing wet weather overflows to watercourses and bathing beaches in the Western Isthmus	Whau River

Investigation Programme Type	Investigation Project Name	Types of Investigations	Project Status	Expected Outcome	Catchment
Western Isthmus Programme- Joint Watercare and Healthy Waters Investigation	St Marys Bay Separation Investigation Project	Mapping and condition assessment of existing private drainage, identifying connection to the public networks, developing separation options.	Completed	Reducing wet weather overflows to watercourses and bathing beaches in the Western Isthmus	CBD
Western Isthmus Programme- Joint Watercare and Healthy Waters Investigation	Herne Bay Separation Investigation Project	Mapping and condition assessment of existing private drainage, identifying connection to the public networks, developing separation options.	Ongoing	Reducing wet weather overflows to watercourses and bathing beaches in Western Isthmus	Cox's Bay

6. Wastewater network upgrade and improvement works

The summary tables of improvement works projects completed, in progress and planned, are taken from Watercare's Improvement Works Programme, which tracks significant network improvement projects. As such, the projects summarised in Sections 6.1 to 6.3 are limited to major works only. Also, the certainty of these projects depend upon the stage of project development, and therefore the projects listed here are subject to change.

6.1 Works completed between 1 July 2019 and 30 June 2020

Table 6-1 provides a brief description of all wastewater network improvement projects that have been completed during the reporting year. There was a variety of project types conducted over a range of catchments, from pump station and treatment plant upgrades to separation projects.

6.2 Works in progress between 1 July 2019 and 30 June 2020

Table 6-2 provides a brief description of all wastewater network improvement projects that have been taking place, but not completed, during the reporting year. There are a high number of projects that continue to progress within the Central Auckland (CBD) catchment as southern catchment of both Lower & Upper Tamaki River and Pahurehure Inlet.

6.3 Works planned for the next reporting period (1 July 2020 to 30 June 2021)

Table 6-3 provides a brief description of wastewater network improvement projects that we have planned for the upcoming year.

In addition to the planned projects detailed in Table 6.3, several proposed engineered overflow points are being considered for installation during the 2020-2021 reporting year. The details of these can be found in Appendix 2.

Central Interceptor programme

Projects that are specific to the Central Interceptor programme have not been included in this chapter as there are a high number of these projects and the nature of this programme is quite complex, extensive, and is also covered by a separate discharge consent. However, I can advise that despite COVID-19 lockdown, the construction schedule for this programme has not been greatly affected, with completion still expected in 2025 and with a goal to reduce overflow volume by 80%.

Table 6-1 All projects associated with wastewater network upgrade and improvement that were completed during the reporting year.

Project Name	Reason for Project	Anticipated Outcome	Estimated Timeframe	Catchment
Pump station and rising main to service Wynyard Quarter	The capacity of the existing wastewater system servicing Wynyard Quarter is insufficient to cater for the proposed change in land use and associated growth	The new pump station will divert flows currently going to EOP 659, reducing overflows at that location and providing for growth	2014-2019	CBD
Franklin Road, Collingwood Street Targeted Wastewater Separation	This area is combined and the existing network is in poor condition. To reduce wet weather overflows.	The proposal will provide for growth, remove two EOPs (185 and 182) and significantly reduce wet weather overflows from EOP 183	2018 - 2019	CBD
Aotea Square Suspended Sewer Replacement	The existing pipeline was in poor condition and located inside of a stormwater culvert	New pipeline, risk of stormwater contamination markedly reduced	2019-2020	CBD
Clarks Beach WWTP Upgrade	Installation of a side stream MBR at Clarks Beach WWTP	To cater for short term growth in the catchment prior to transfer to the new Waiuku WWTP in 2023	2017-2019	Clarks Beach
Clarks Beach WWTP Upgrade	Installation of a side stream MBR at Clarks Beach WWTP	To cater for short term growth in the catchment prior to transfer to the new Waiuku WWTP in 2023	2017-2019	Clarks Beach
Fred Thomas Drive WWPS and storage tank	Project will address performance and reliability at EOP 852. This project will enable projects (Northborough WWPS upgrade and others) to commence	Will reduce overflow frequency at EOP852 and enable future growth and future projects in upstream catchment to address performance at EOP860	2017 - 2020	Devonport / Takapuna, Shoal Bay
Wairau pump station rising main upgrades	Rising main failed and requires replacement. Will be upsized to increase capacity	Reduces risk of uncontrolled discharges due to asset failure	2017-2019	East Coast Bays, Devonport / Takapuna, Shoal Bay

Project Name	Reason for Project	Anticipated Outcome	Estimated Timeframe	Catchment
Massey and Swanson siphon upgrades	These are critical assets with a high risk of failure, and require additional capacity to address growth and levels of service	Will reduce risk of asset failure and address Type 3 overflows	2012-2019	Henderson Creek
Upper Glen Eden storage tank and branch sewer upgrade	Glen Eden branch sewer has insufficient capacity to convey flows during wet weather and has limited capacity for future growth	Reduction in volume and frequency of wet weather overflows, addresses numerous Type 3 overflows	2018-2020	Henderson Creek
Army Bay WWTP outfall	Required to provide an alternative outfall for use during wet weather events	Will provide for growth and allow network restrictions related to WWTP constraints to be removed from trunk pump stations, reducing the risk of spills	2015-2019	Orewa, Weiti, Whangaparaoa
Pukekohe trunk sewer upgrade	Required in order to provide additional conveyance capacity to cater for the planned growth	Will improve the level of wastewater overflow performance and provide for growth	2013-2019	Pukekohe
Northcote Branch Sewer (DSNCT) Upgrade Works (formerly TS8)	Required to maintain service delivery and to reduce the risk of failure	Will provide for growth in the contributing wastewater catchments and allow for an improved level of service	2011-2020	Shoal Bay
Northshore Transmission Control Upgrade	Upgrade of electrical and control systems of 20 wastewater Transmission sites	Reduction of uncontrolled wet weather overflows from MH10 Chatswood Branch Sewer and EOP 830 at MH1 Northcote Point Branch Sewer	2017-2019	Upper Harbour North
Pakuranga pipe work replacement PS28	Upgrade of aging pipework at WWPS DPS028	Reduction of discharges of wastewater to the environment	2011-2019	Upper Tamaki River

Table 6-2 All projects associated with wastewater network upgrade and improvement that were underway during the reporting year.

Project Name	Current Stage	Reason for Project	Anticipated Outcome	Estimated Timeframe	Catchment(s)
New gravity sewerage in Wynyard Quarter	Design and Execution	The sewers are in poor condition, with high I&I and tidal ingress. Flat grades have also resulted in operational issues	Reduced overflow frequency and volume at EOP659, and reduced risk of uncontrolled spills from the network	2019-2022	CBD
Lawsons Creek Branch Sewer Duplication	Project Execution	Lawsons Creek Branch Sewer duplication to cater for growth in West Harbour	Reduces overflow volume/ frequency and allows for growth	2017-2020	Henderson Creek
Drury South Trunk Sewer Development	Project Execution	130l/s package pump station and 1,110m3 storage, approximately 1.5km of 450mm gravity sewer and dual rising main approximately 1km.	Provide additional wastewater capacity in Drury South	2019-2021	Pahurehure Inlet
Drury West Trunk Sewer Development	Project Execution	Provide wastewater service including Bremner Road and Drury West areas, and installation of new pump station	Provide additional wastewater capacity in Drury West	2017-2021	Pahurehure Inlet
East Coast Bays branch sewer upgrade	Project Execution	Wet weather overflows in existing and future scenarios, and assets in poor condition	Reduces overflow volume/ frequency and allows for growth	2015-2021	East Coast Bays
Glendowie Branch Sewer Upgrade	Project Execution	Overflows from the Point England pump station, and network overflows exceed two spills per year and this is predicted to increase over time as a result of growth in catchment	Reduced frequency of wet weather overflows at EOPs 188, 189, and 681	2012-2020	Lower Tamaki River, Upper Tamaki River
Waterview wastewater upgrades and separation	Design, option analysis (Feasibility)	To address wet weather overflows in the partially combined areas. May require additional wastewater upgrades to ensure level of service outcomes are required.	To reduce high overflow frequencies at EOPs 561, 562, 566, 568, 568	2015-2022	Western Isthmus

Project Name	Current Stage	Reason for Project	Anticipated Outcome	Estimated Timeframe	Catchment(s)
Howick Diversion/Catchment Upgrades and Manukau North local wastewater network improvements	Studies and Investigations	Several overflows from the Howick catchment currently exceed two spills per year from both controlled and uncontrolled locations. This will increase with predicted growth.	Expected to reduce overflows in this catchment to less than two per year for current and future flows. Reduce frequency of overflows to less than two per year for current and future flows.	2015-2025	Upper Tamaki River
Manukau West upgrades	Variable	Known Type 3 issue locations were identified under this study. A large suite of isolated upgrades were identified to be progressively implemented.	Address Type 3 overflows S1 to S5 inclusive) for current and future flows	2017-2025	Mangere, Upper Tamaki River
Northcote-Chatswood Wastewater Network Upgrades	Option analysis (Feasibility)	Increase capacity and reduce uncontrolled overflows	Provide 60l/s pump station, 900m of 315mm rising main and 700m of 450mm gravity sewer	2018-2023	Shoal Bay
Northern Interceptor - Stage 1	Project Execution	To allow wastewater flows to be diverted from the Northern Strategic Growth Area (NorSGA) and South Rodney (Kumeu / Huapai/Riverhead) to the Rosedale wastewater treatment plant. This balances flows at the treatment plants and provides additional capacity to the Western Interceptor	This project is required to service greenfield growth and avoid capacity-related dry weather overflows. Will reduce the load on the Western Interceptor and also reduce Type 3 overflows S20, S21 and S24	2012-2021	Upper Harbour West, Kumeu/ Huapai/ Riverhead, Henderson Creek, Whau River
Otara Catchment Capacity Upgrades	Design	Overflows from the Otara catchment currently exceed two spills per year from both controlled and uncontrolled locations	Expected to reduce overflows in Otara and address Type 3 overflows for current and future populations	2015-2023	Upper Tamaki River
Sidmouth WWPS upgrade	Project Execution	Wet weather overflows in existing and future scenarios, and assets in poor condition	Reduces overflow volume/ frequency for OF 854, OF855 and uncontrolled overflows and allows for growth	2012-2022	East Coast Bays

Project Name	Current Stage	Reason for Project	Anticipated Outcome	Estimated Timeframe	Catchment(s)
Red Hills Wastewater Upgrade	Project Execution	Installation of transmission sewer and pump station to service growth	Ready for development by 2022-2026 with bulk wastewater services	2017-2020	Henderson Creek
Tamaki redevelopment catchment upgrades	Options Assessment (Feasibility)	There are known high frequency and volume EOPs in this catchment, and high growth with the proposed HNZ redevelopment	The preferred suite and timing of upgrades for this catchment to achieve reduced frequency of wet weather overflows at multiple EOPs and optimising the performance of the Glendowie branch sewer upgrade	2017-2024	Lower Tamaki River, Upper Tamaki River
Whenuapai and Redhills Wastewater Servicing	Design	Capacity - major greenfield development is scheduled in this area.	Ultimately the provision of trunk servicing capacity for north-west FUZ area, including the second phase of the Northern Interceptor	2019-2023	Upper Harbour West, Kumeu/Huapai/Riverhead
Waiwera Diversion to Hatsfield	Design	Provide a 20l/s pump station, 2,100m of 180mm rising main and 2,500 of 250mm gravity sewer	Cater to growth in the area	2019-2022	Waiwera
Warkworth to Snells Transfer Pipeline	Project Execution	Installation of a new conveyance sewer from Warkworth to Snells Wastewater Treatment Plant, including intermediate pump station	Cater to growth in the area	2017-2022	Warkworth, Snells Beach/Algies Bay
Western Isthmus Water Quality Improvement Programme - Meola Wastewater Catchment Improvements	Studies and investigations	Programme of improvement works to enable growth and reduce wet weather overflows	Reduces overflow volume/ frequency and allows for growth	2018-2028	CBD

Project Name	Current Stage	Reason for Project	Anticipated Outcome	Estimated Timeframe	Catchment(s)
Western Isthmus Water Quality Improvement Programme - Waterview North and South stormwater separation & wastewater upgrades.	Design/ Option analysis (Feasibility)	To address wet weather overflows in the partially combined areas. May require additional wastewater upgrades to ensure level of service outcomes are required. Healthy Waters	To reduce high overflow frequencies at EOPs 559, 561, 562, 566, 568, 568	2015-2022	Western Isthmus
Western Isthmus Water Quality Improvement Programme -Herne Bay Wastewater Catchment Improvements	Studies and investigations	Programme of work to enable growth and reduce wet weather overflows	Reduces overflow volume/ frequency and allows for growth	2018-2028	Cox's Bay
Western Isthmus Water Quality Improvement Programme - St Marys Bay Separation project	Design	Programme of work to enable growth and reduce wet weather overflows	Reduces overflow volume/ frequency and allows for growth	2018-2025	CBD
Okahu Bay Stormwater Separation (HW led & delivered) and WW upgrades	In construction	To address wet weather overflows in the partially combined areas.	To reduce high overflow frequencies at EOPs 448, 453, 455, 456,457 and 696	2020-2021	Hobson Bay
Western Isthmus Water Quality Improvement Programme - Grey Lynn Catchment Improvements	Studies and investigations	Programme of work to enable growth and reduce wet weather overflows	Increased capacity and reduction in wet weather overflows at EOPs 244 and 246, and to facilitate future improvement works in Grey Lynn catchment	2018-2028	Cox's Bay
Western Isthmus Water Quality Improvement Programme - Pt Chevalier Wastewater Catchment Improvements	Studies and investigations	Programme of work to enable growth and reduce wet weather overflows	Reduces overflow volume/ frequency and allows for growth	2018-2028	Western Isthmus

Project Name	Current Stage	Reason for Project	Anticipated Outcome	Estimated Timeframe	Catchment(s)
Western Isthmus Water Quality Improvement Programme - Westmere Wastewater Catchment Improvements	Studies and investigations	Programme of work to enable growth and reduce wet weather overflows	Reduces overflow volume/ frequency and allows for growth	2018-2028	CBD
Hackett Street EOP - New Access Shaft	Construction	Replace ageing asset, provide modern safe access for maintenance. Future proof asset for later catchment separation works	New shaft will provide safe access for maintenance and separate stormwater and wastewater flows.	2018-2020	CBD

Table 6-3 All projects associated with wastewater network upgrade and improvements, that are planned to commence during the 2020-2021 reporting year.

Project Name	Reason for Project	Anticipated Outcome	Estimated Timeframe	Catchment
Chelsea Pump Station diversion to Birkdale	Considered to reduce risk of overflows and replace critical asset	Would reduce frequency of overflows	2020-2023	Shoal Bay
Army Bay WWTP Upgrade	Army Bay WWTP capacity increase to meet growth.	Cater for growth in the HBC, Whangaparaoa catchments	2020-2025	Orewa/ Whangaparaoa
Alma WWPS Catchment Diversion (Formerly Forrest Hill Wastewater Catchment Diversion)	Provide 1,100m of 310mm rising main, 60l/s pump station, 350m of 250/335mm rising main and 600m of 300/375/525mm gravity sewer	Improvement of the network, will address wet weather overflows at Alma St WWPS, and known Type 3 overflows within Forrest Hill catchment and cater for growth within Milford and Takapuna	2022-2025	East Coast Bays
Hingaia WWPS and Storage Upgrade (Southern Auckland WW Servicing Scheme)	Major greenfield growth is projected in the Southern region, with significant development progressing the short term in the Hingaia area which needs to be serviced	Provide capacity for immediate growth without increasing wet weather overflows	Before 2022	Pahurehure Inlet
Queen St Diversion Sewer (including works around Aotea Station)	To address growth in the CBD area and the risk of aging assets in poor condition	Proposed to addressed asset risk and frequent discharges at EOP128	By 2025	CBD
Wairau pump station (DPWAU) upgrades	Reduce overflow frequency and risk to public health and environment, reduce risk of asset failure	Reduces overflow volume/ frequency for OF 951 and allows for growth and future improvements in multiple catchment	2022-2024	East Coast Bays, Devonport / Takapuna, Shoal Bay
Warkworth Growth Servicing	To provide for greenfiled growth in the North of Warkworth, by connecting to the existing township network and the North East Wastewater Scheme.	Cater to growth in the area	2020-2023	Warkworth

Project Name	Reason for Project	Anticipated Outcome	Estimated Timeframe	Catchment
Western Isthmus Water Quality Improvement Programme - Freemans Wastewater Catchment Improvements	Programme of work to enable growth and reduce wet weather overflows, in particular at Wellington St EOP.	Reduces overflow volume/ frequency and allows for growth.	2020-2028	CBD

7. Additions to the Wastewater Network

Continued population growth and developments in Auckland have required us to make additions to both our local and transmission wastewater networks, to service urban intensification and greenfield growth. Table 7-1 lists all of the new major assets added to the wastewater network during the reporting year. In 2019-2020, Watercare did not install any type 2 EOPs.

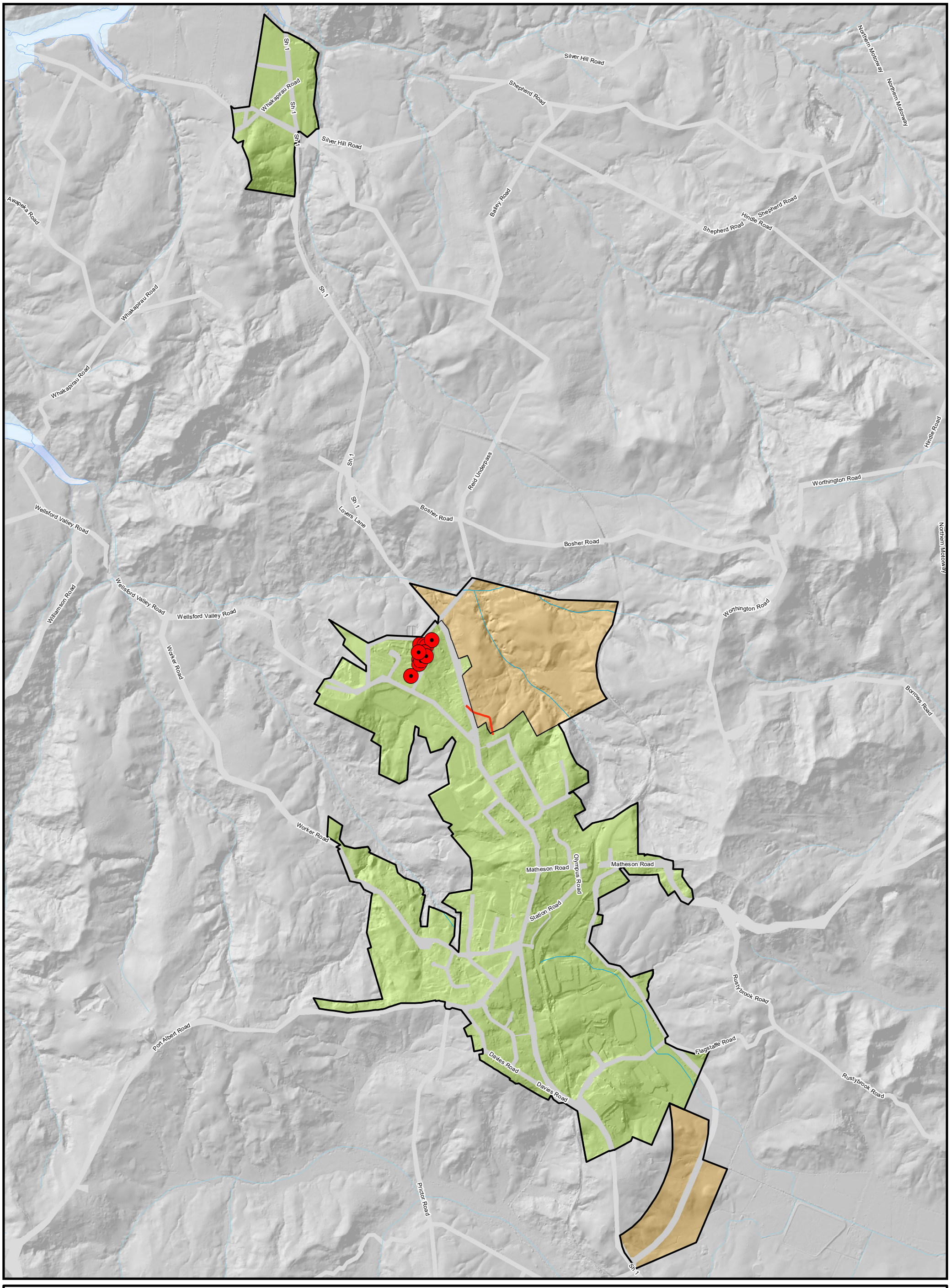
Appendix 3 lists the new pipes, manholes, and fittings Watercare installed in 2019-2020. Appendix 2 includes details of proposed EOPs (2020-2021 and beyond).

Table 7-1 Engineered overflow points added to the wastewater network during the 2019-2020 reporting year.

Asset Type	Asset Description	Facility Code	EOP ID	Status	Description	Catchment
Type 1 EOP	Kia Kaha Drive Wastewater Pump Station	DPKIA	1623	Built	No properties currently connected so not in operation	Snells Beach-Algies Bay
Type 1 EOP	Rautawhiri Road Pump Station	DPRAW		Operational	To service the Rautawhiri Road development	Helensville
Type 1 EOP	Westhoe Heights 2 Pump Station	DPWH2		Built	No properties currently connected so not in operation	Orewa
Type 1 EOP	Westhoe Heights 1 Pump Station	DPWH1		Built	No properties currently connected so not in operation	Orewa
Type 1 EOP	Sylvania Crescent 1 Wastewater Pump Station	DPSY1	1619	Operational	Change to the schedule - assigned as a type 1 EOP as has been able to discharge during wet weather events for some time	Onehunga
Type 1 EOP	Godwit Place Wastewater Pump Station	DPGOD	1620	Operational	Change to the schedule - assigned as a type 1 EOP as has been able to discharge during wet weather events for some time.	Onehunga
Type 1 EOP	84 Fred Taylor Drive PS	DPFRD	1592	Built	No properties currently connected so not in operation	Upper Harbour West
Type 1 EOP	Scott Point 1 WWPS	DPSC1	1594	Built	No properties currently connected so not in operation	Upper Harbour West

The following figures show the locations of new pump stations, wastewater pipes, and manholes that Watercare added to each catchment during the 2019-2020 reporting year.

Figures 7-1 to 7-35 Catchment maps displaying locations of new assets that were installed during the 2019-20 reporting year.



LEGEND

- Existing Urban Area (as defined in NDC)
- Indicative Future Urban Area (as defined in NDC)
- LocalPipe (3)
- LocalManhole (12)

BASE MAP

Wellsford Catchment

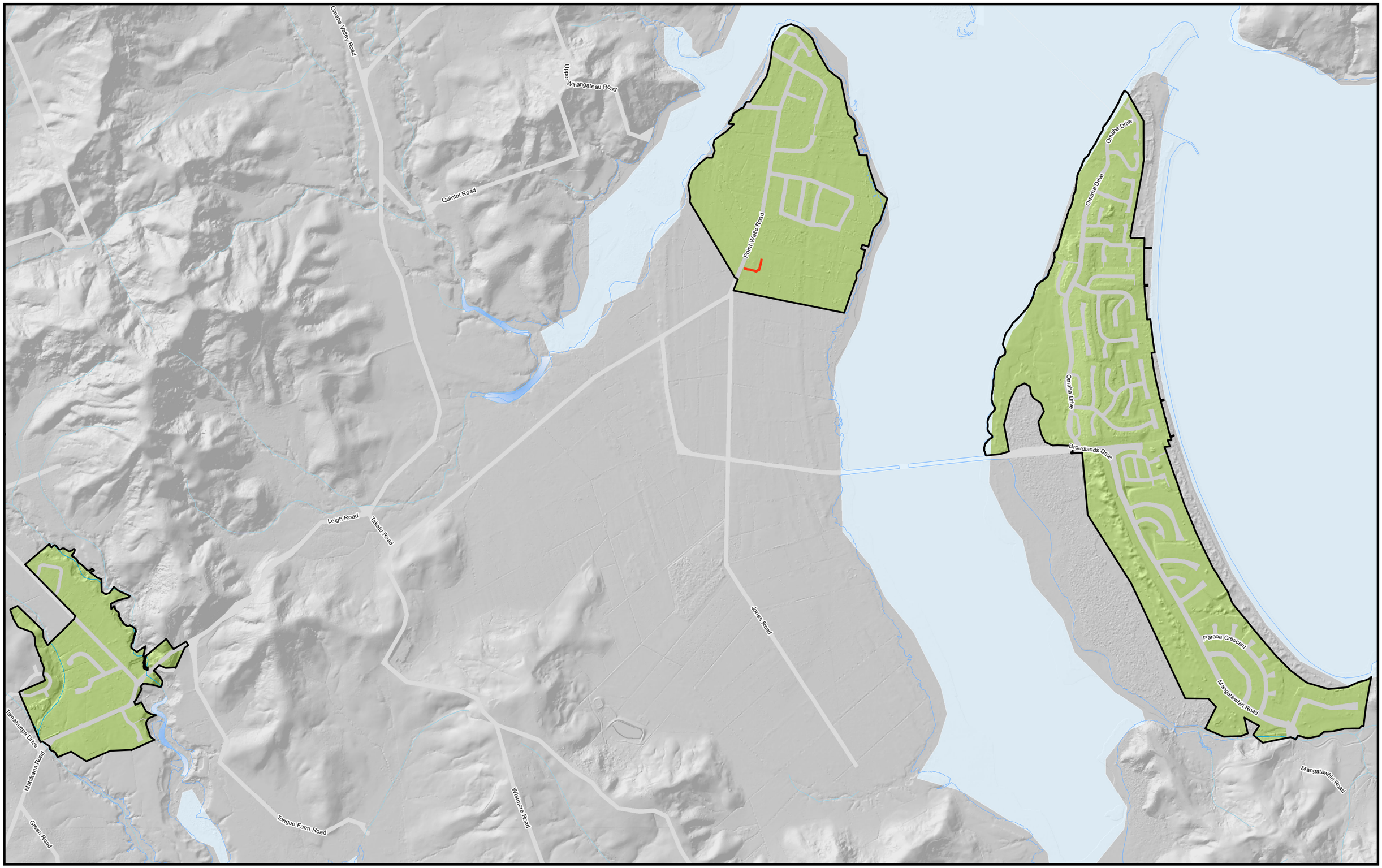
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Watercare accepts no responsibility for the accuracy of these service records. If requested by Watercare the exact position of services must be verified by carrying out a site investigation prior to commencement of any works.



LEGEND

- Existing Urban Area (as defined in NDC)
- LocalPipe (3)

BASE MAP

Omaha Catchment

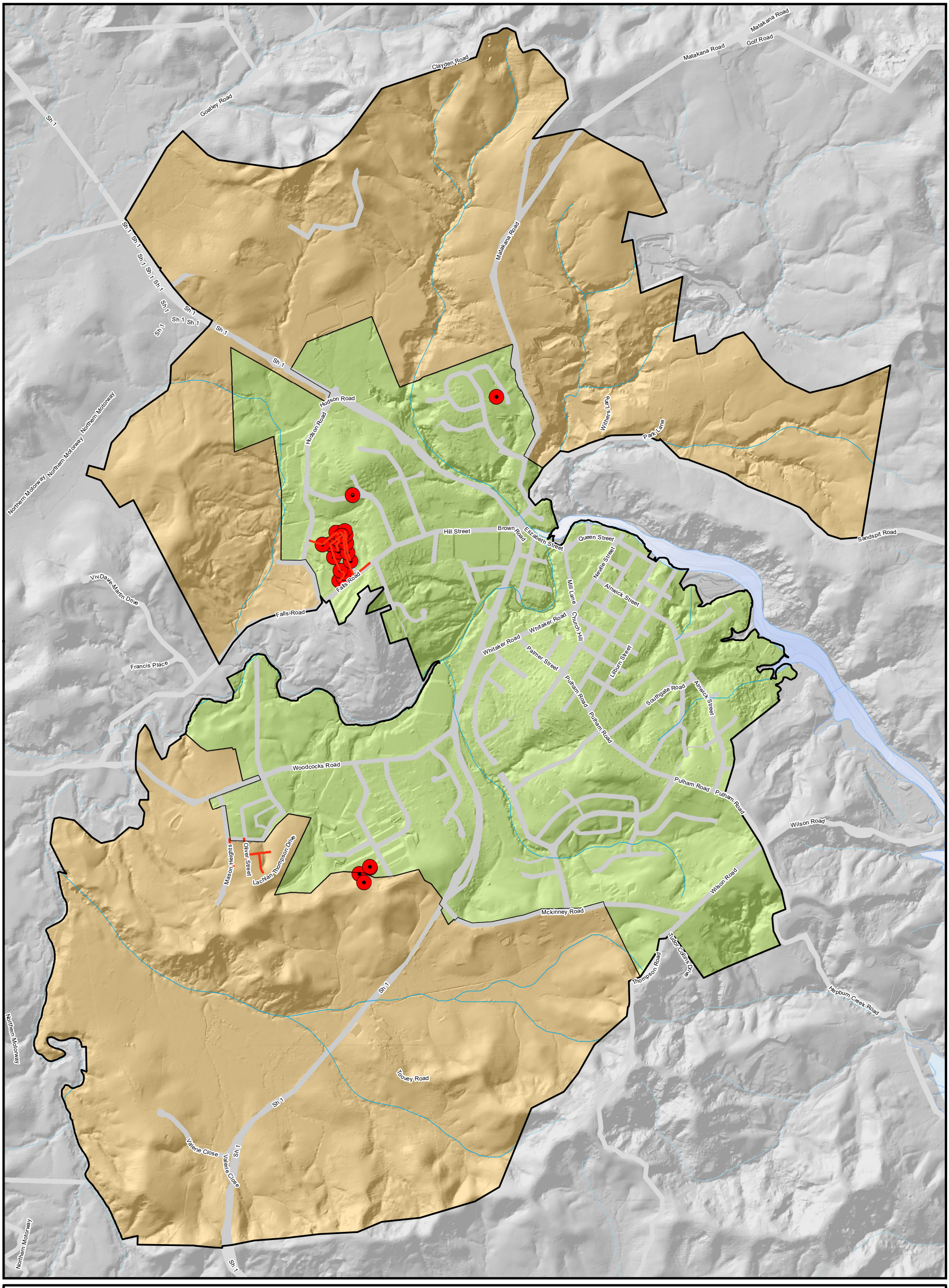
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LEGEND

- Existing Urban Area (as defined in NDC)
- Indicative Future Urban Area (as defined in NDC)
- LocalPipe (38)
- LocalManhole (25)

BASE MAP

Warkworth Catchment

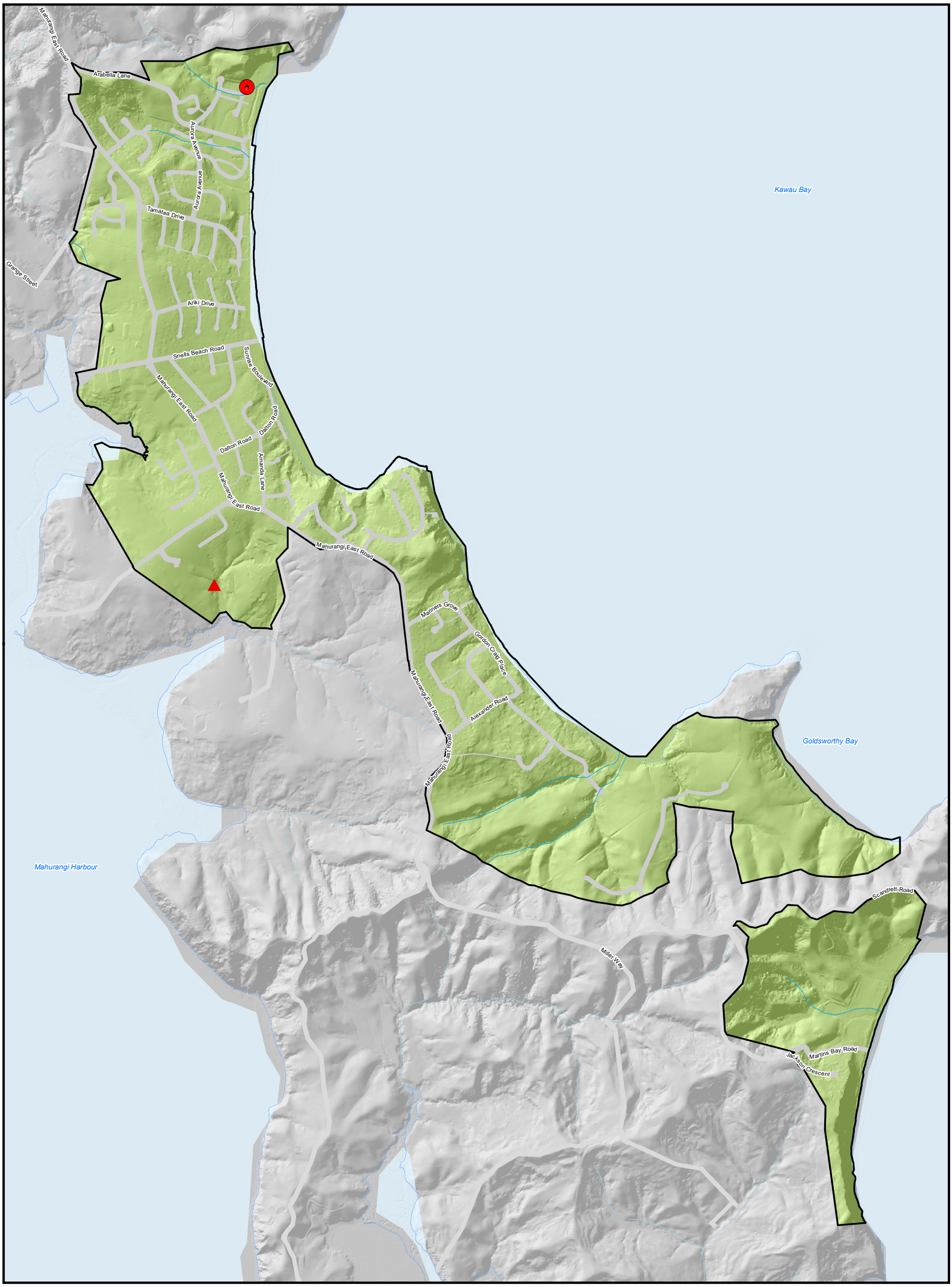
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LEGEND

- Existing Urban Area (as defined in NDC)
- LocalPipe (1)
- LocalManhole (1)
- LocalPumpStn (1)

BASE MAP

Snells Beach-Algies Bay Catchment

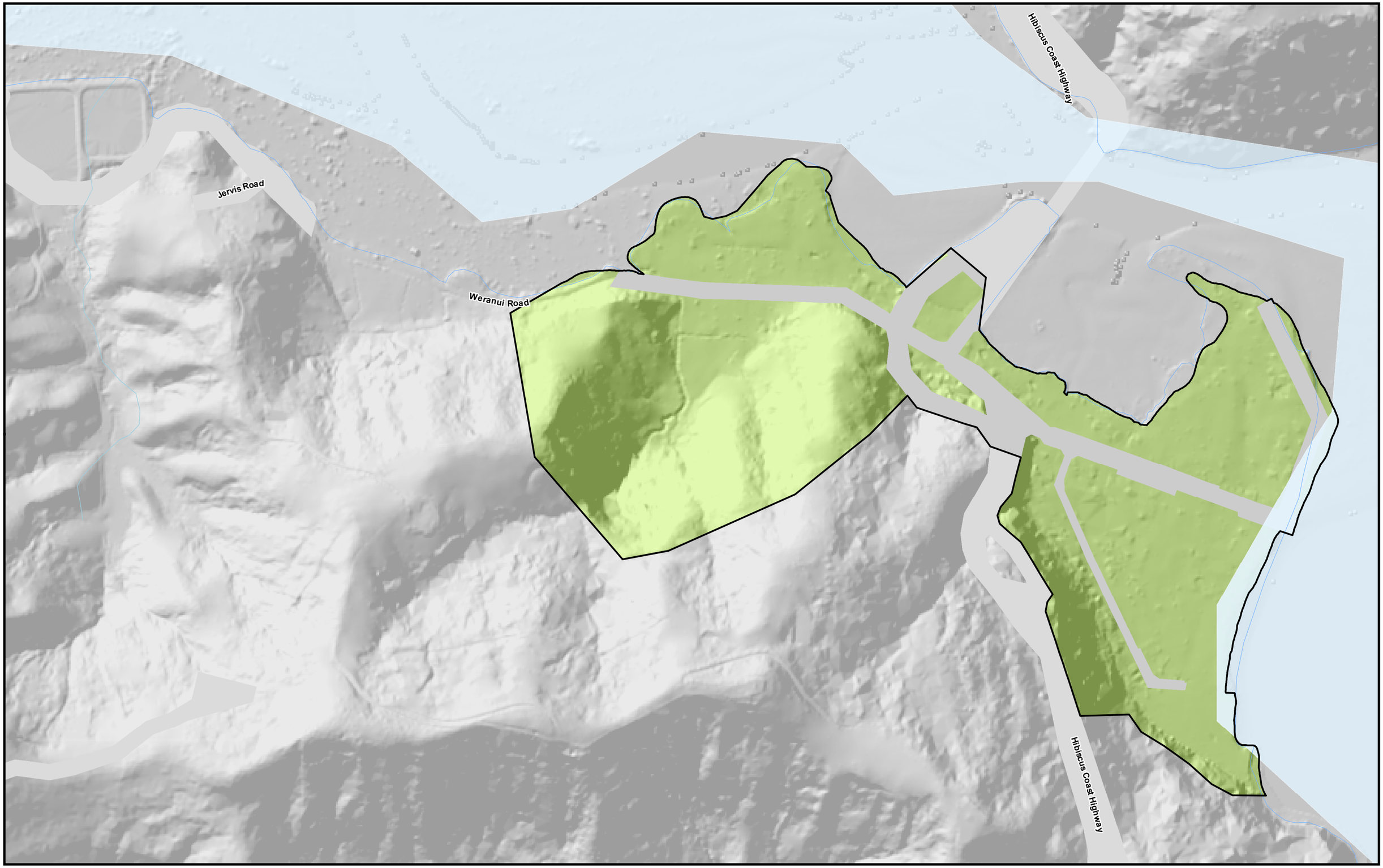
0 150 300 450 Metres

N

SCALE:1:17,000 @A3 CREATED BY:ASARIBALI
DATE:16 September 2020 MAP NO:PR20028

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LEGEND

Existing Urban Area (as defined in NDC)

BASE MAP

Waiwera Catchment

0 40 80 120

Metres

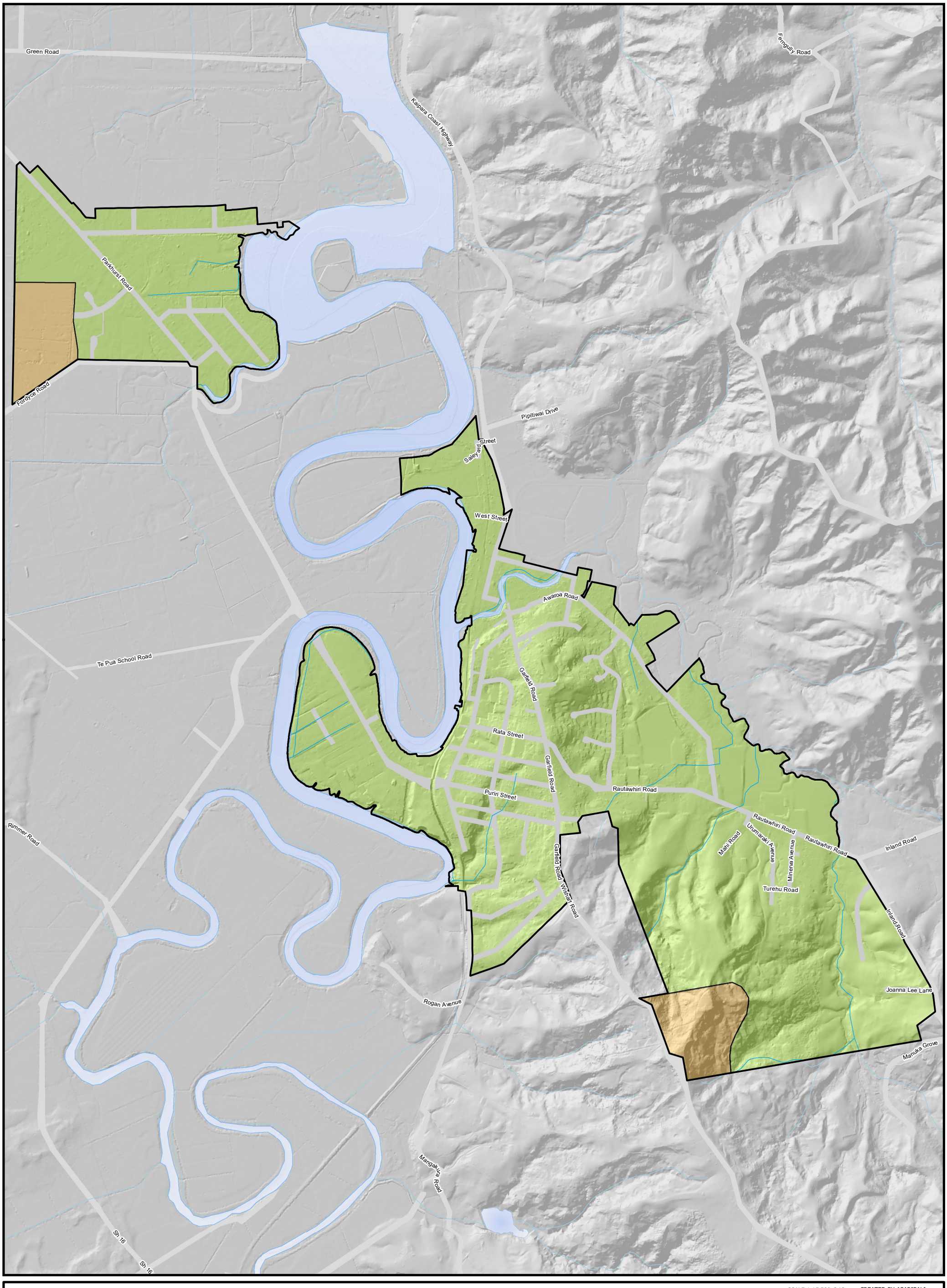
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SCALE: 1:4,500 @A3 CREATED BY: ASARIBALI

DATE: 16 September 2020 MAP NO: PR20028

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LEGEND

- Existing Urban Area (as defined in NDC)
- Indicative Future Urban Area (as defined in NDC)

BASE MAP

Helensville Catchment

0 140 280 420 Metres

N

SCALE:1:15,500 @A3 CREATED BY:ASARIBALI
DATE:16 September 2020 MAP NO:PR20028

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LEGEND

- Existing Urban Area (as defined in NDC)
- Indicative Future Urban Areas (as defined in NDC)
- LocalPipe (355)
- LocalManhole (380)
- LocalPumpStn (2)

BASE MAP

HBC-Orewa Catchment

0 310 620 930

Metres

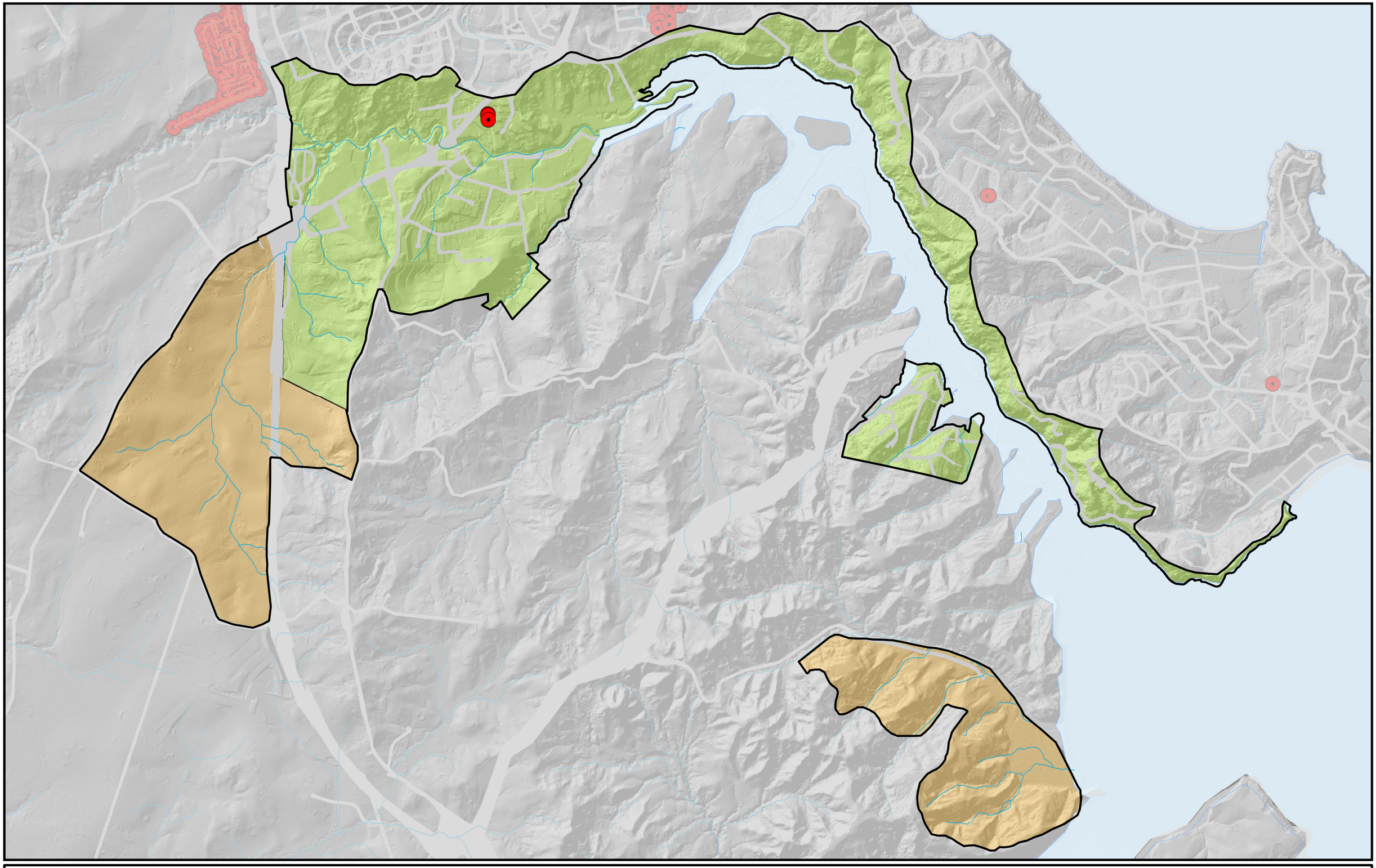
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SCALE: 1:29,500 @A3 CREATED BY : ASARIBALI

DATE: 16 September 2020 MAP NO: PR20028

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LEGEND

- Existing Urban Area (as defined in NDC)
- Indicative Future Urban Areas (as defined in NDC)
- LocalManhole (5)

BASE MAP

HBC-Weiti Catchment

0 275 550 825
Metres

N

SCALE: 1:25,500 @A3 CREATED BY : ASARIBALI
DATE: 16 September 2020 MAP NO: PR20028

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LEGEND

Existing Urban Area (as defined in NDC)

LocalPipe (5)

LocalManhole (33)

BASE MAP

HBC-Whangaparaoa Catchment

0 310 620 930

Metres

N

SCALE: 1:29,500 @A3 CREATED BY : ASARIBALI

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LEGEND

- Existing Urban Area (as defined in NDC)
- LocalPipe (21)
- LocalManhole (93)

BASE MAP

Long Bay Catchment

N

0 130 260 390

Metres

SCALE:1:16,000 @A3 CREATED BY: ASARIBALI

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LEGEND

- Existing Urban Area (as defined in NDC)
- LocalPipe (158)
- TransmissionPipe (4)
- LocalManhole (83)

BASE MAP

East Coast Bays Catchment

N

0 240 480 720

Metres

SCALE:1:30,000 @A3 CREATED BY: ASARIBALI

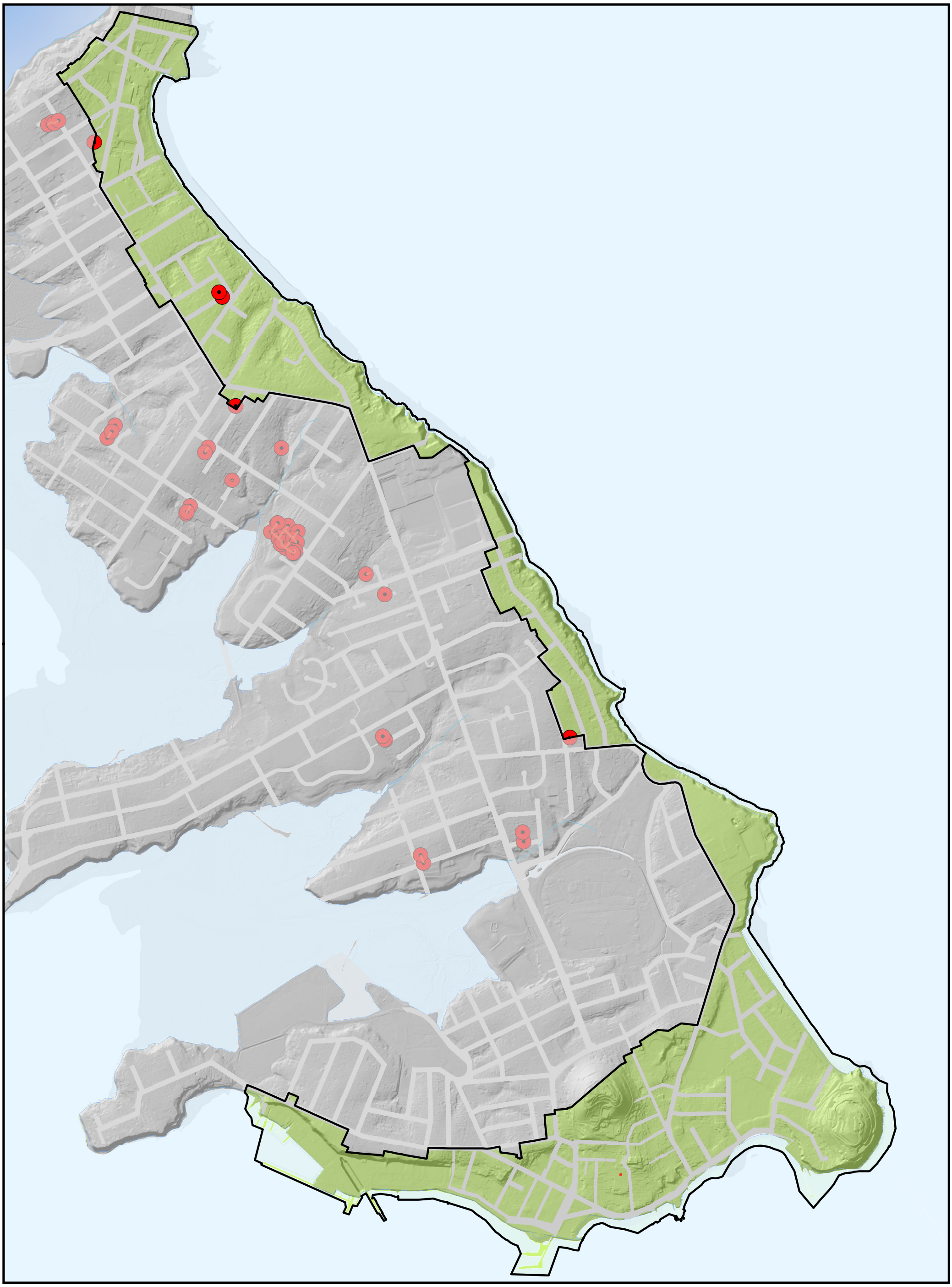
DATE: 16 September 2020 MAP NO: PR20028

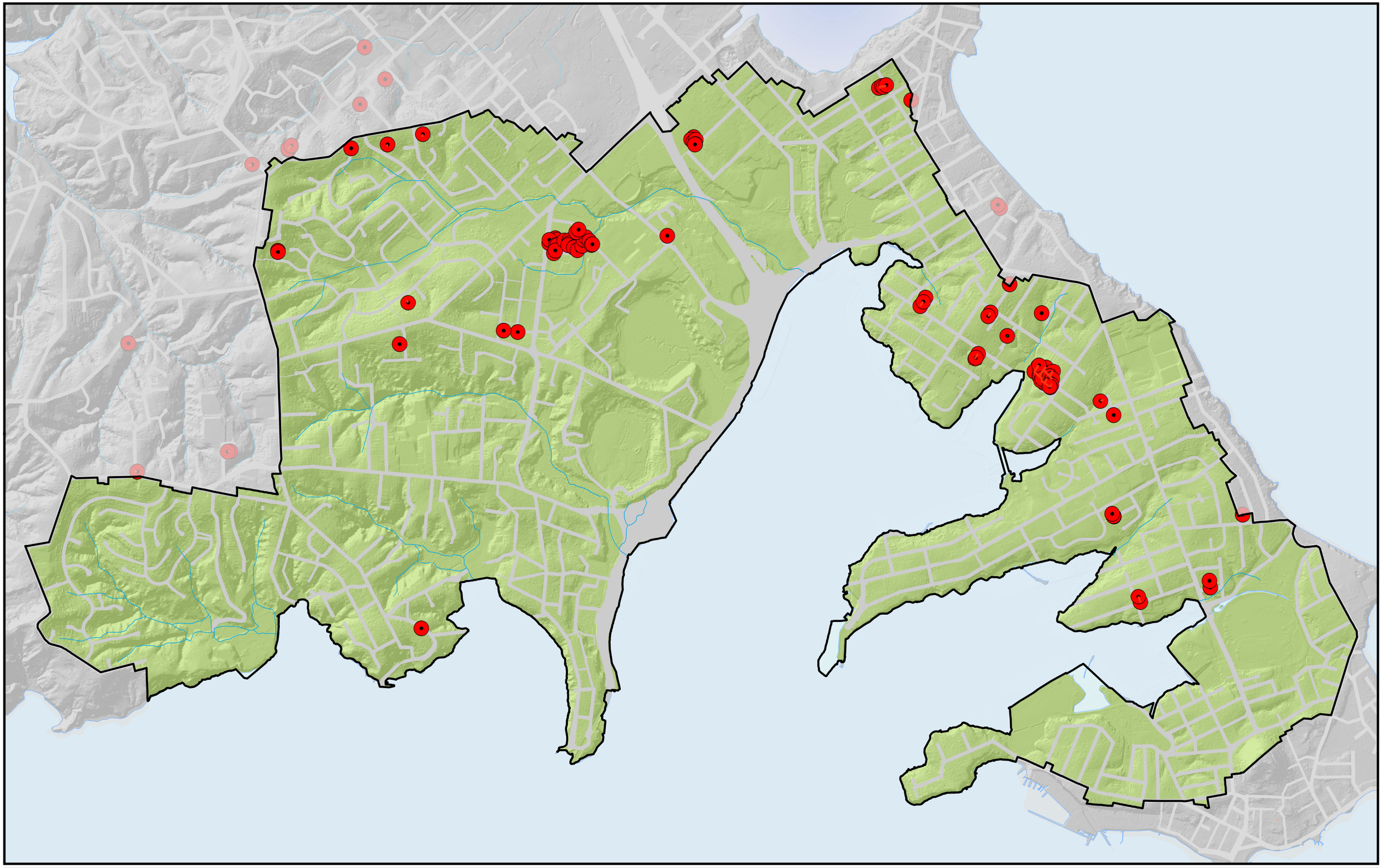
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LEGEND
Existing Urban Area (as defined in NDC)
LocalPipe (32)
LocalManhole (5)
BASE MAP
Devonport-Takapuna Catchment
N
0
130
260
390
Metres
SCALE:1:16,000 @A3
CREATED BY: ASARIBALI
DATE: 16 September 2020
MAP NO: PR20028
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LEGEND

- Existing Urban Area (as defined in NDC)
- LocalPipe (34)
- LocalManhole (87)

BASE MAP

Shoal Bay Catchment

0 240 480 720

Metres

N

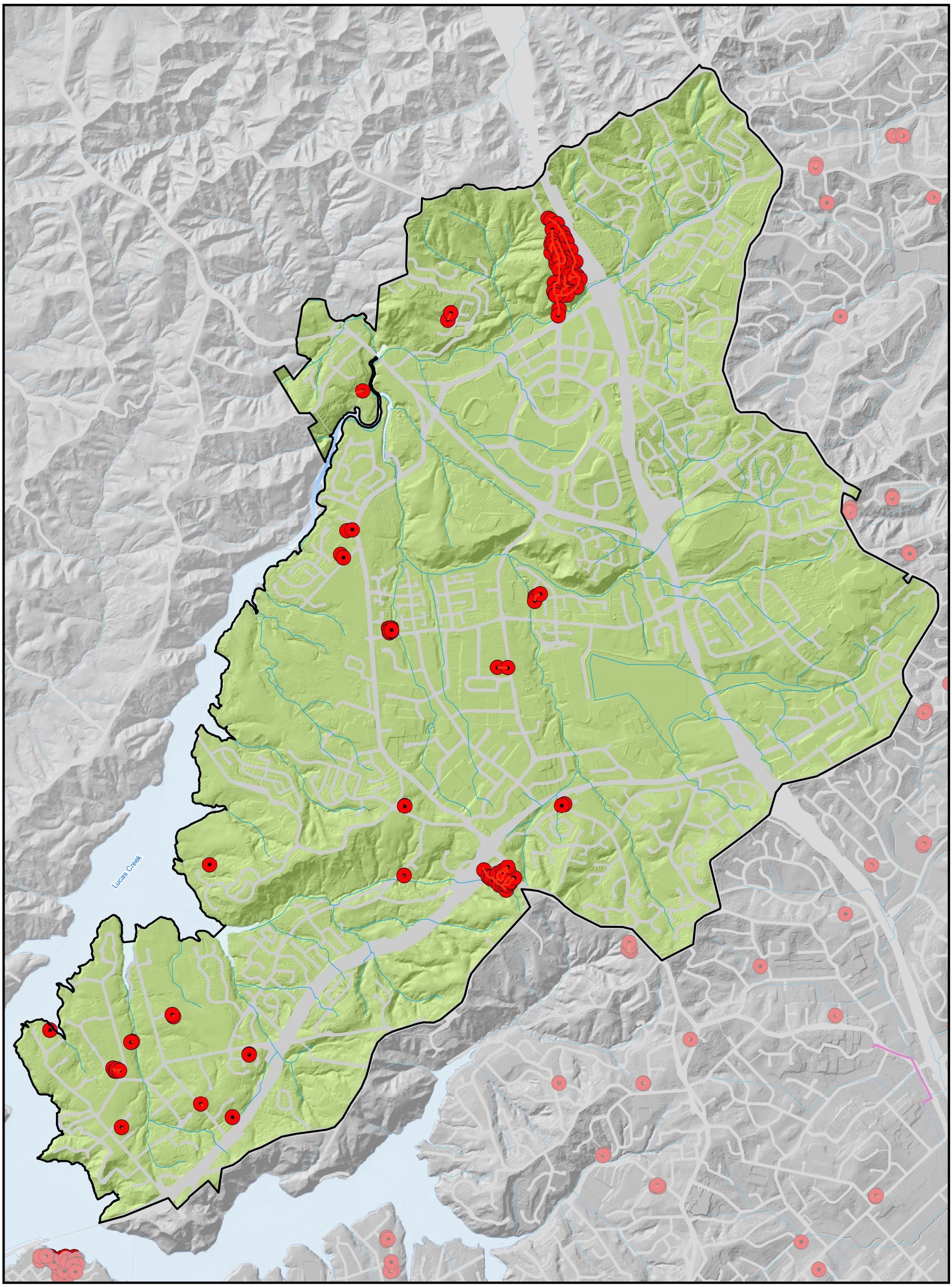
SCALE: 1:23,000 @A3 CREATED BY : ASARIBALI

DATE: 16 September 2020 MAP NO: PR20028

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LEGEND

- Existing Urban Area (as defined in NDC)
- LocalPipe (138)
- TransmissionPipe (4)
- LocalManhole (124)

BASE MAP

Upper Harbour North Catchment

N

0 220 440 660

Metres

SCALE:1:27,000 @A3 CREATED BY: ASARIBALI

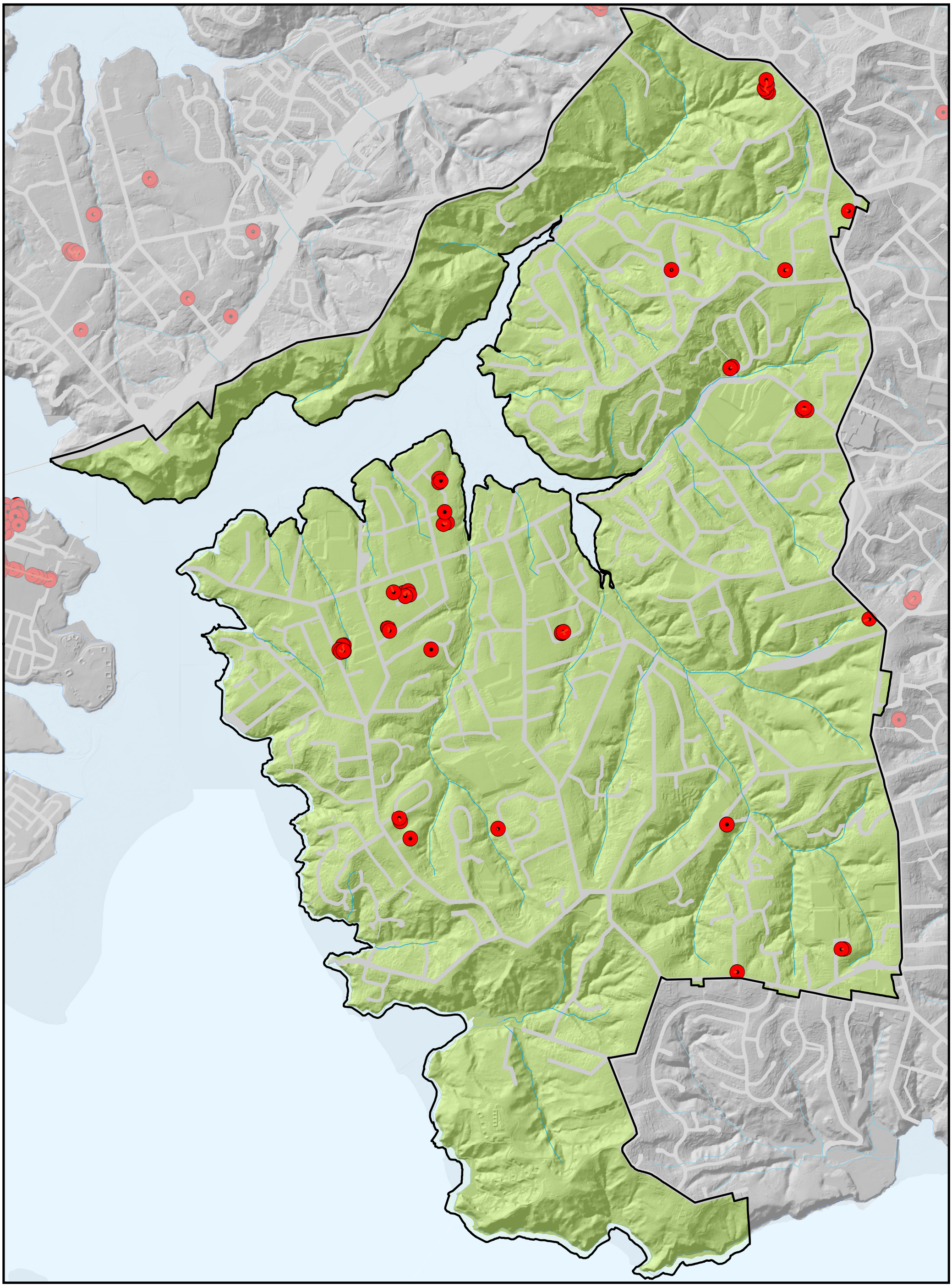
DATE: 16 September 2020 MAP NO: PR20028

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LEGEND

- Existing Urban Area (as defined in NDC)
- LocalPipe (69)
- LocalManhole (49)

BASE MAP

Upper Harbour South Catchment

N

0 160 320 480

Metres

SCALE:1:20,000 @A3 CREATED BY: ASARIBALI

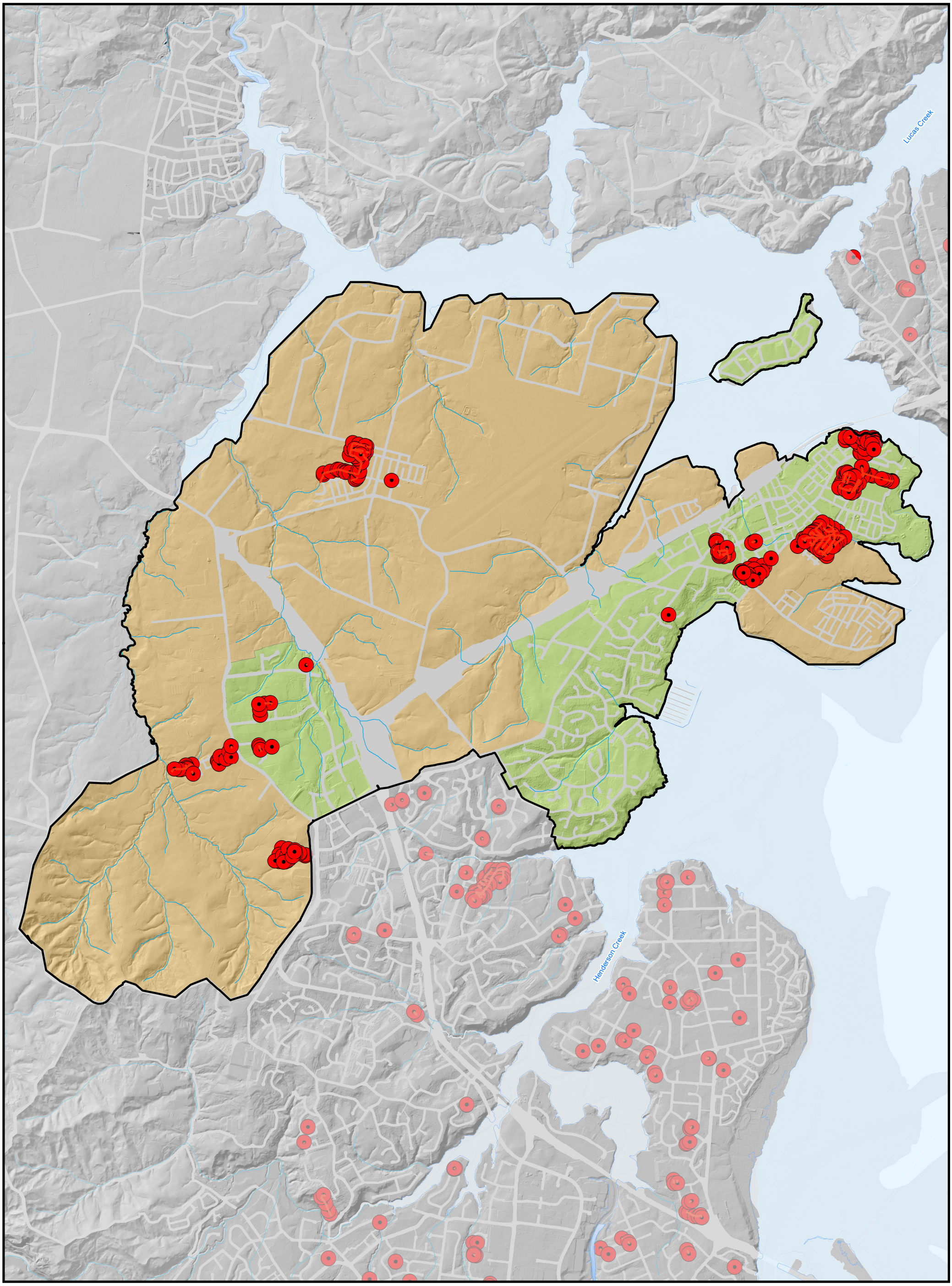
DATE: 16 September 2020 MAP NO: PR20028

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LEGEND

- Existing Urban Area (as defined in NDC)
- Indicative Future Urban Area (as defined in NDC)
- LocalPipe (295)
- LocalManhole (274)

BASE MAP

Upper Harbour West Catchment

N

0 275 550 825

Metres

SCALE:1:34,000 @A3 CREATED BY: ASARIBALI

DATE: 16 September 2020 MAP NO: PR20028

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Henderson Creek

Whau River

LEGEND

Existing Urban Area (as defined in NDC)

LocalPipe (185)

LocalManhole (257)

BASE MAP

Henderson Creek Catchment

N

0 310 620 930

Metres

SCALE:1:38,000 @A3 CREATED BY: ASARIBALI

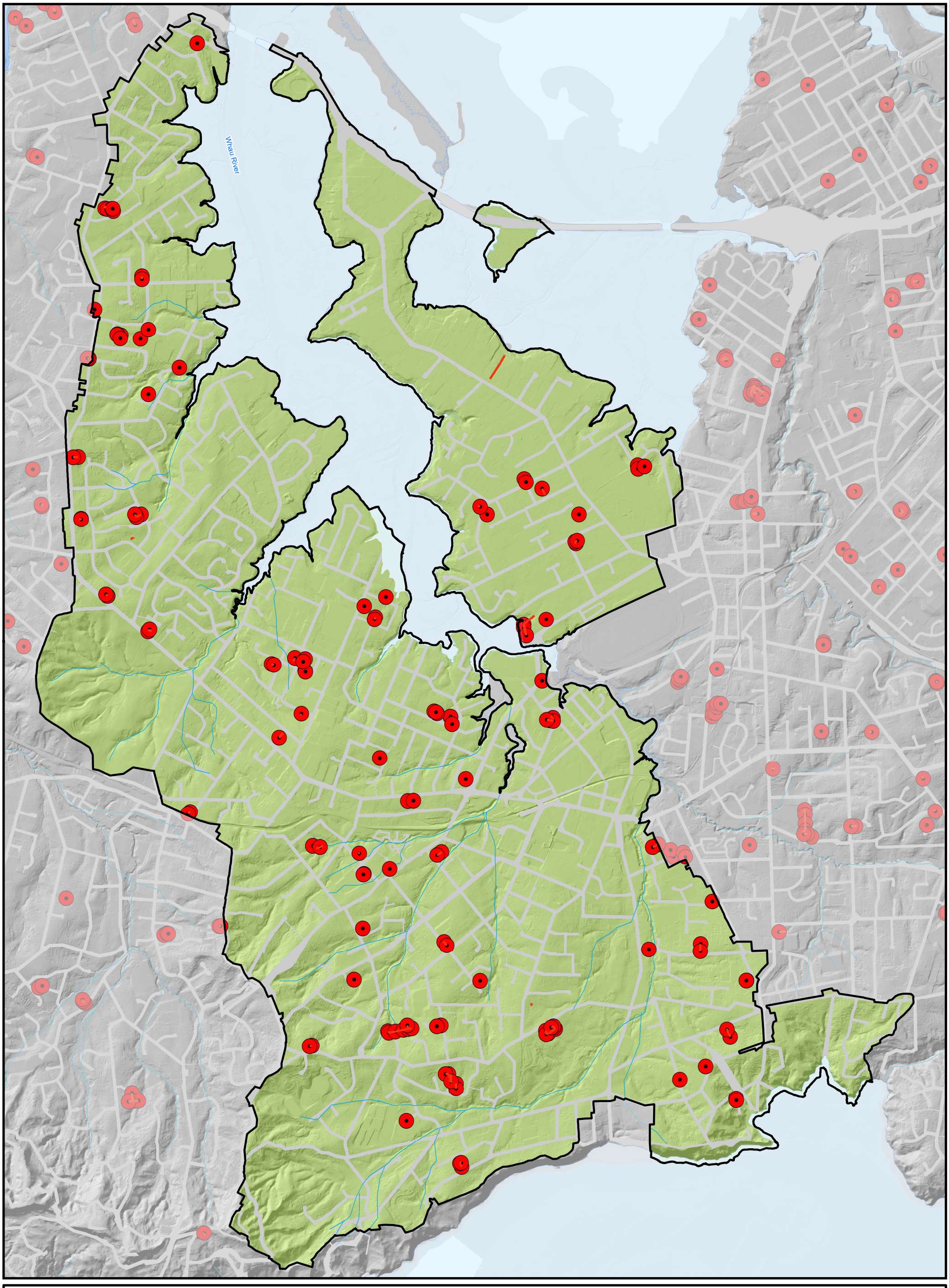
DATE: 16 September 2020 MAP NO: PR20028

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LEGEND

Existing Urban Area (as defined in NDC)

LocalPipe (146)

LocalManhole (138)

BASE MAP

Whau River Catchment

N

0 200 400 600

Metres

SCALE:1:25,000 @A3 CREATED BY: ASARIBALI

DATE: 16 September 2020 MAP NO: PR20028

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LEGEND

Existing Urban Area (as defined in NDC)

LocalPipe (2)

LocalManhole (3)

BASE MAP

Laingholm Catchment

0 240 480 720

Metres

N

SCALE: 1:23,000 @A3 CREATED BY : ASARIBALI

DATE: 16 September 2020 MAP NO: PR20028

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LEGEND

Existing Urban Area (as defined in NDC)

LocalPipe (6)

LocalManhole (16)

BASE MAP

Coxs Bay Catchment

0 160 320 480

Metres

N

SCALE: 1:15,000 @A3 CREATED BY : ASARIBALI

DATE: 16 September 2020 MAP NO: PR20028

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LEGEND

Existing Urban Area (as defined in NDC)

LocalPipe (15)

LocalManhole (18)

BASE MAP

Central Auckland (CBD) Catchment

0 150 300 450

Metres

N

SCALE: 1:14,000 @A3 CREATED BY : ASARIBALI

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LEGEND

Existing Urban Area (as defined in NDC)

LocalPipe (62)

LocalManhole (108)

BASE MAP

Hobson Bay Catchment

0 300 600 900

Metres

N

SCALE: 1:28,000 @A3 CREATED BY : ASARIBALI

DATE: 16 September 2020 MAP NO: PR20028

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LEGEND

Existing Urban Area (as defined in NDC)

LocalPipe (37)

LocalManhole (100)

BASE MAP

Onehunga Catchment

0 280 560 840

Metres

N

SCALE: 1:26,000 @A3 CREATED BY : ASARIBALI

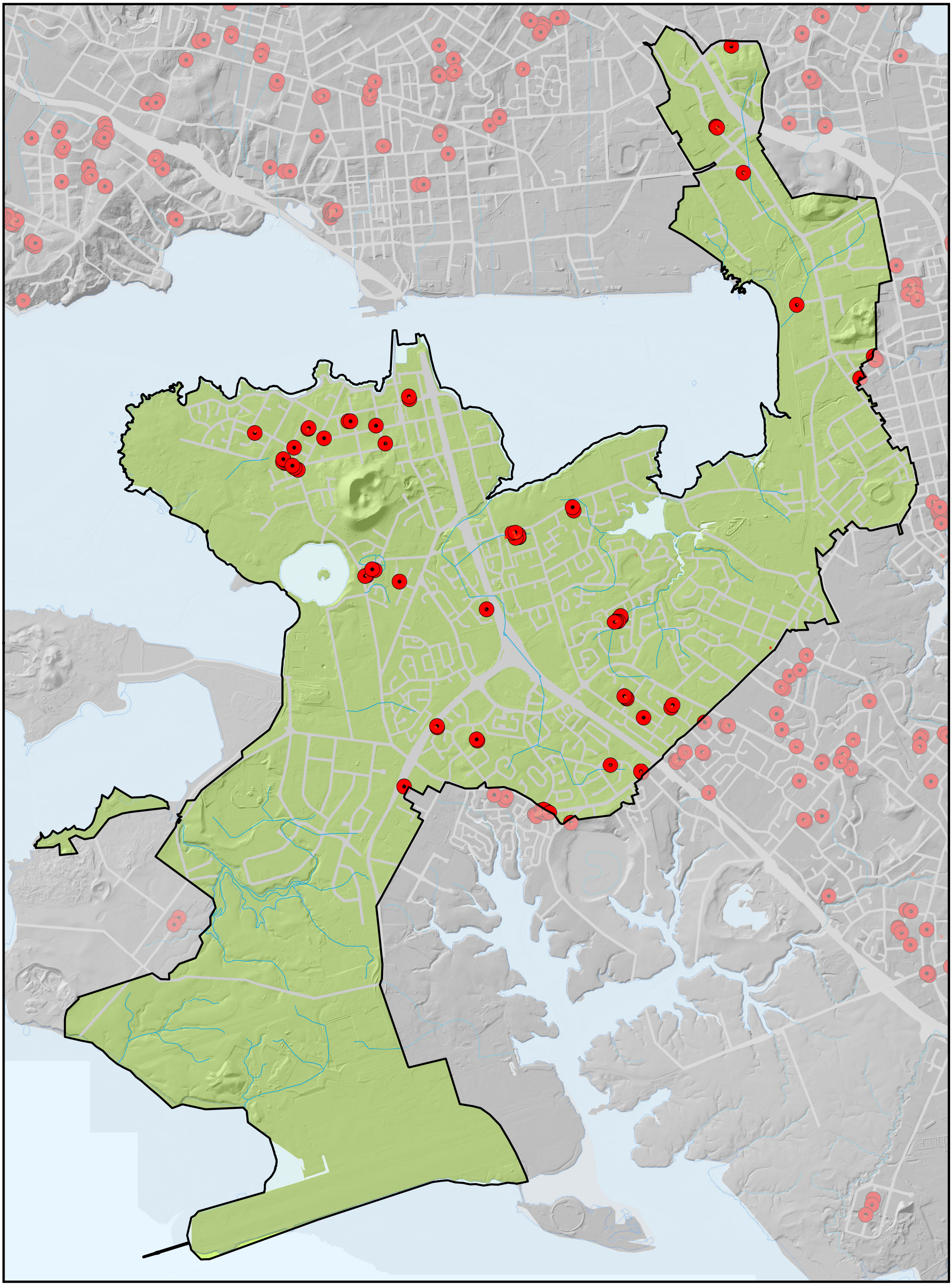
DATE: 16 September 2020 MAP NO: PR20028

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LEGEND
Existing Urban Area (as defined in NDC)
LocalPipe (138)
LocalManhole (80)
BASE MAP
Mangere Catchment
N
0
280
560
840
Metres
SCALE:1:35,000 @A3
CREATED BY: ASARIBALI
DATE: 16 September 2020
MAP NO: PR20028
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LEGEND

Existing Urban Area (as defined in NDC)

LocalPipe (115)

LocalManhole (167)

BASE MAP

Lower Tamaki River Catchment

N

0 220 440 660

Metres

SCALE:1:27,000 @A3 CREATED BY: ASARIBALI

DATE: 16 September 2020 MAP NO: PR20028

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LEGEND

Existing Urban Area (as defined in NDC)

LocalPipe (251)

LocalManhole (456)

BASE MAP

Upper Tamaki River Catchment

0 550 1,100 1,650

Metres

N

SCALE: 1:53,000 @A3 CREATED BY : ASARIBALI

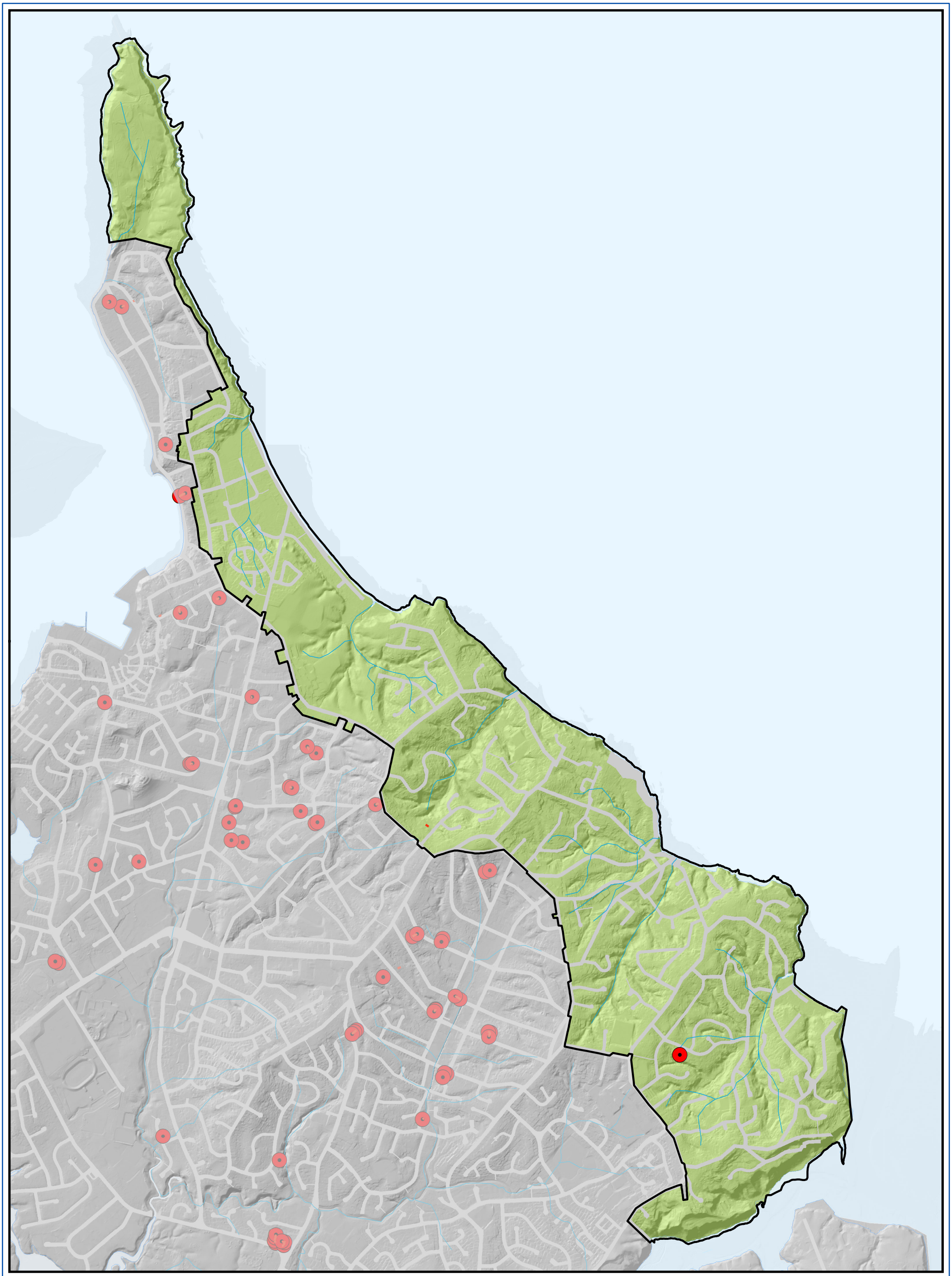
DATE: 16 September 2020 MAP NO: PR20028

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LEGEND
Existing Urban Area (as defined in NDC)
LocalPipe (35)
LocalManhole (4)
BASE MAP
Cockle Bay Catchment
N
0
175
350
525
Metres
SCALE:1:22,000 @A3
CREATED BY: ASARIBALI
DATE: 16 September 2020
MAP NO: PR20028
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LEGEND

Existing Urban Area (as defined in NDC)

LocalPipe (117)

LocalManhole (194)

BASE MAP

Puhinui Catchment

0 360 720 1,080

Metres

N

SCALE: 1:35,000 @A3 CREATED BY : ASARIBALI

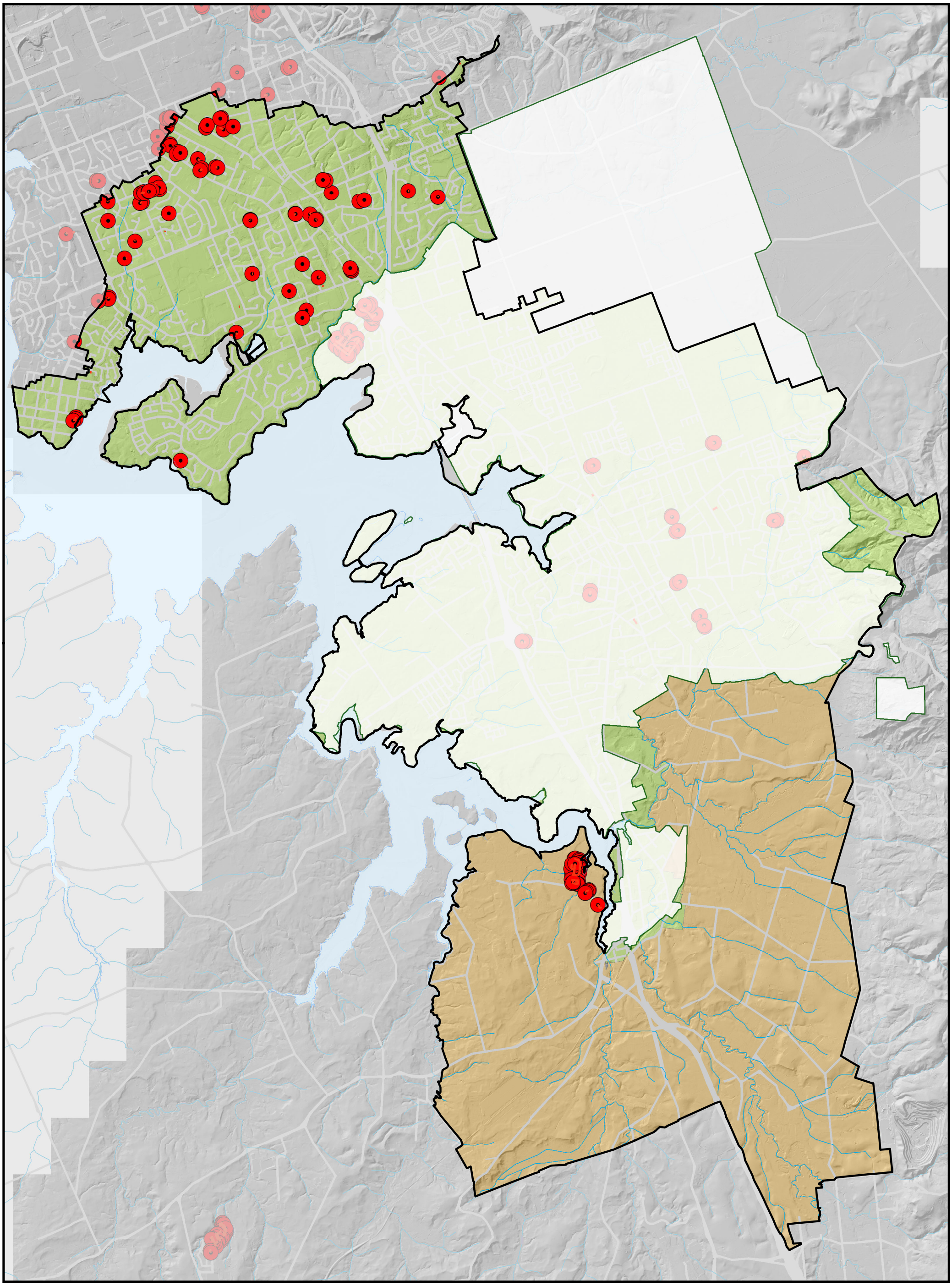
DATE: 16 September 2020 MAP NO: PR20028

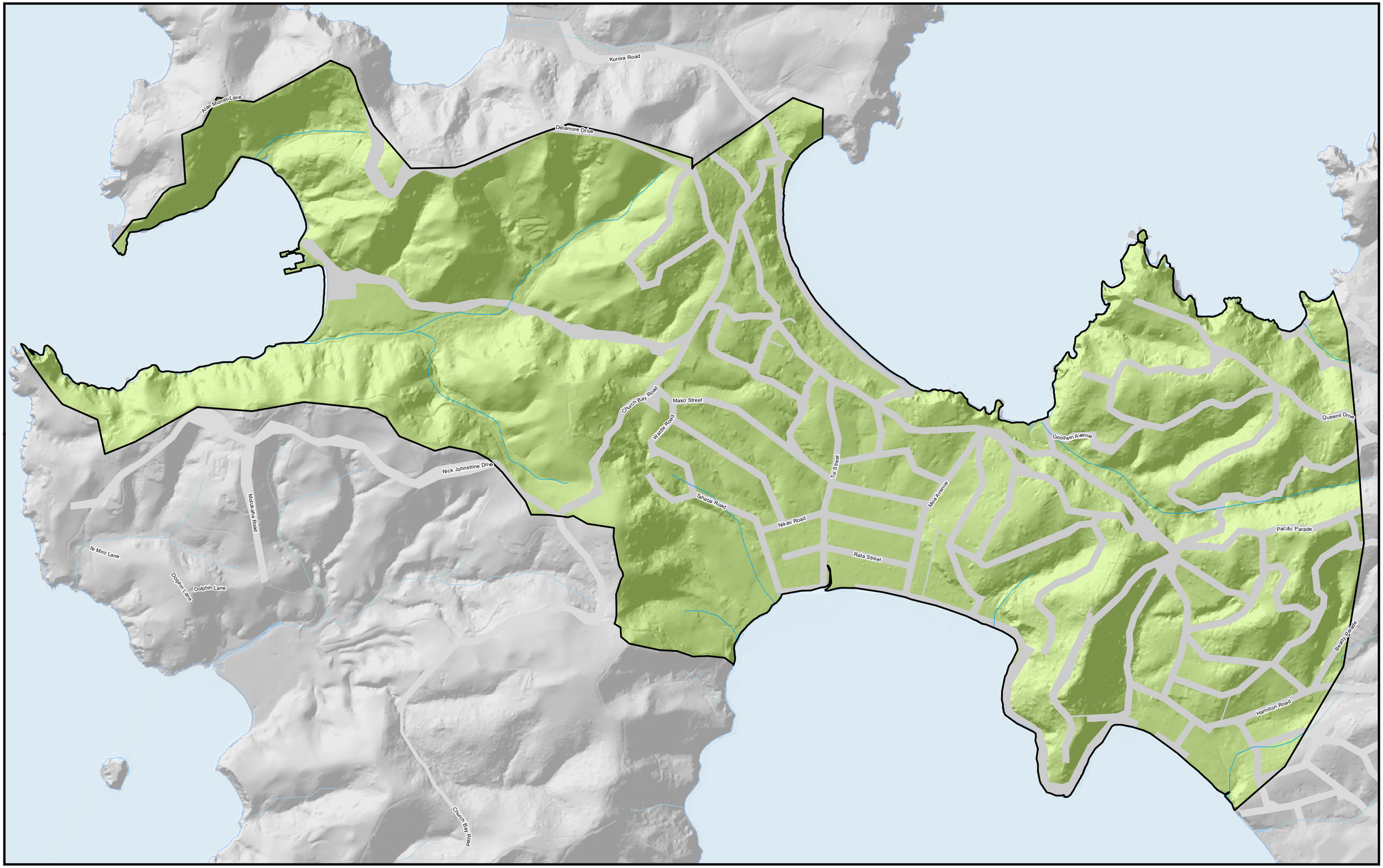
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LEGEND
Existing Urban Area (as defined in NDC)
Indicative Future Urban Area (as defined in NDC)
LocalPipe (184)
LocalManhole (193)
BASE MAP
Pahurehure Inlet Catchment
N
0 340 680 1,020
Metres
SCALE:1:44,000 @A3 CREATED BY: ASARIBALI
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LEGEND

Existing Urban Area (as defined in NDC)

BASE MAP

Oneroa Catchment

0 90 180 270

Metres

N

SCALE: 1:11,000 @A3 CREATED BY: ASARIBALI

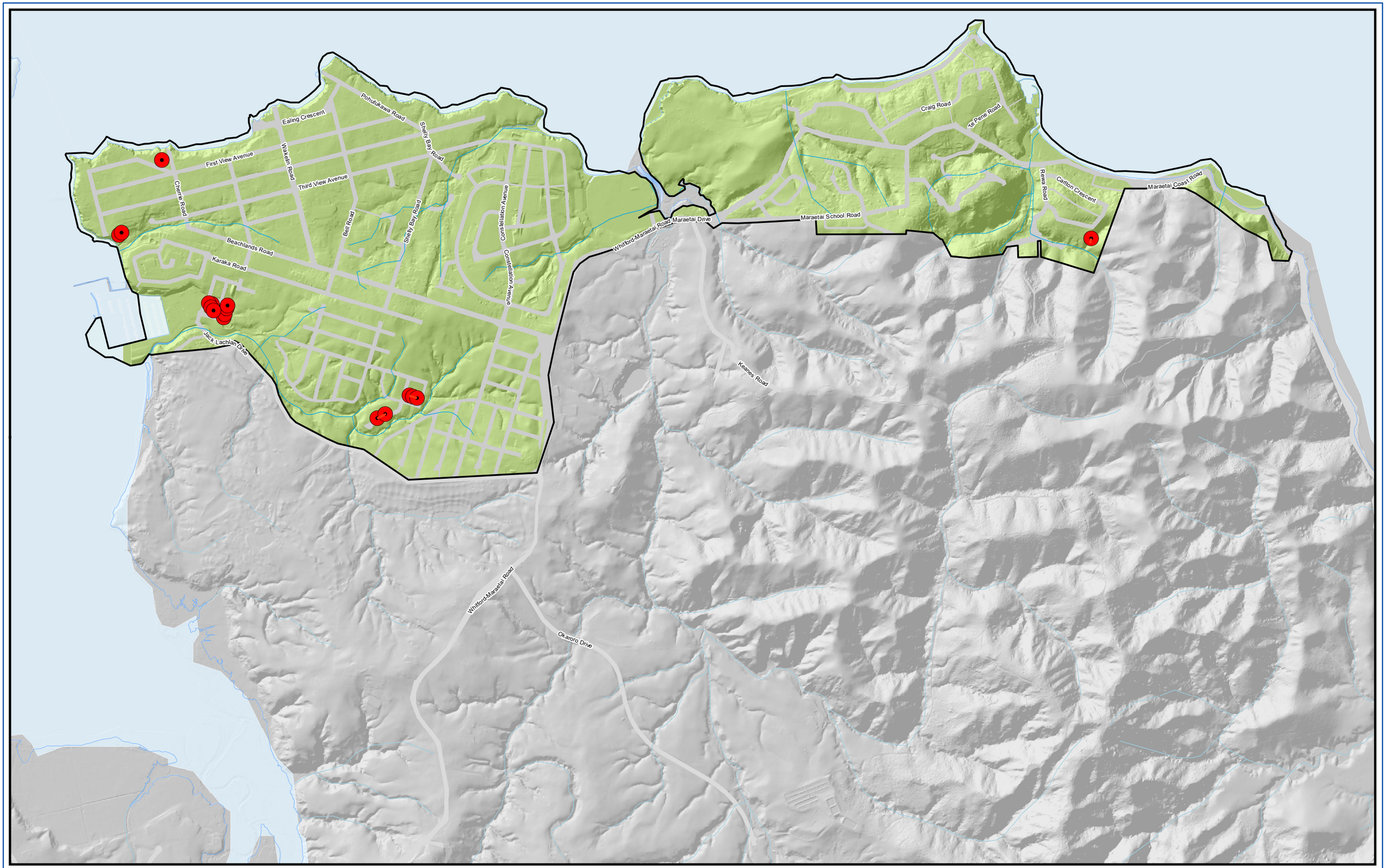
DATE: 16 September 2020 MAP NO: PR20028

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LEGEND

Existing Urban Area (as defined in NDC)

LocalPipe (5)

WWManhole

LocalManhole (17)

BASE MAP

Beachlands-Maraetai Catchment

0 160 320 480

Metres

N

SCALE: 1:18,500 @A3 CREATED BY: ASARIBALI

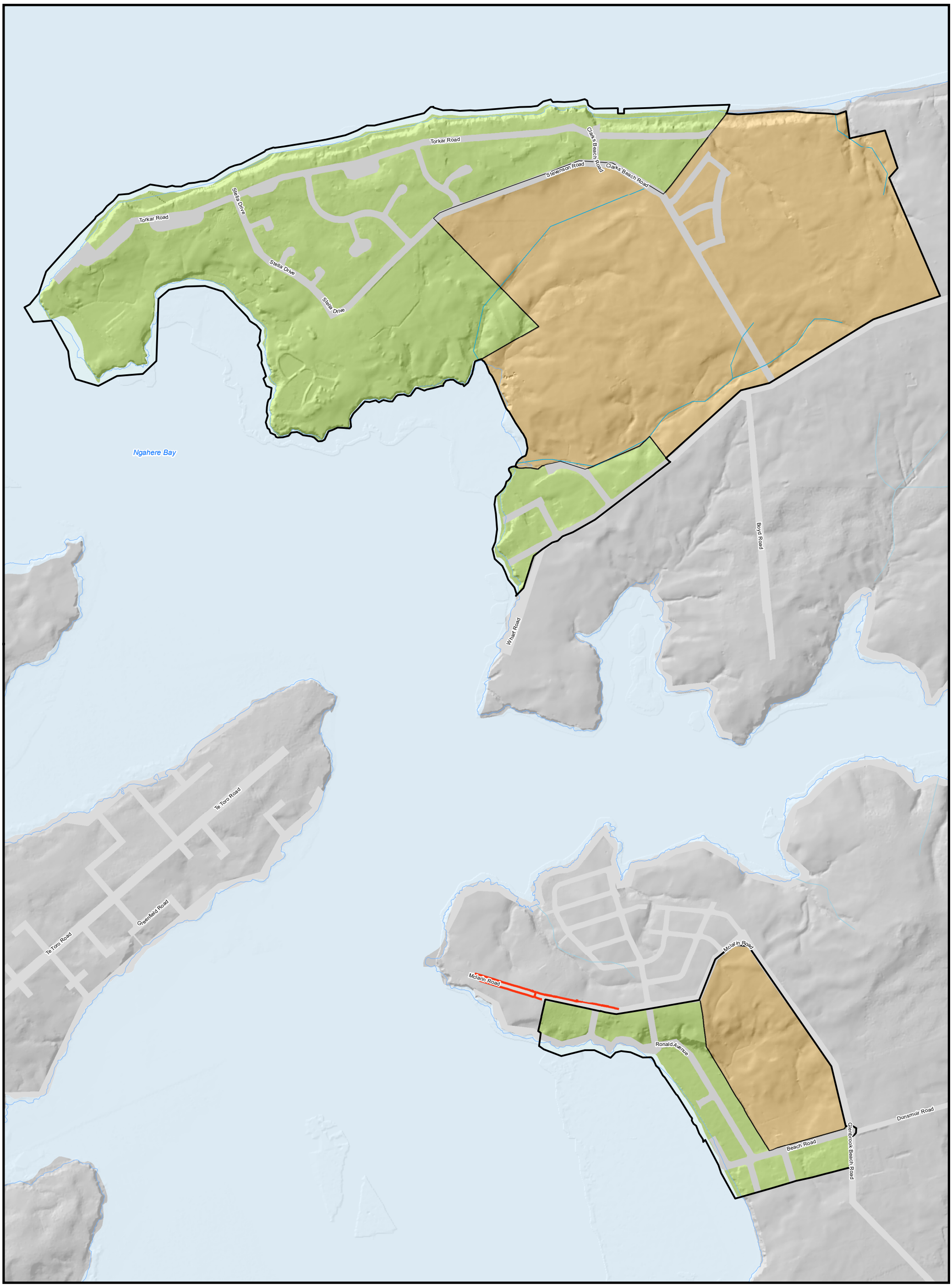
DATE: 16 September 2020 MAP NO: PR20028

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LEGEND

- Existing Urban Area (as defined in NDC)
- Indicative Future Urban Area (as defined in NDC)
- LocalPipe (19)

BASE MAP

Clarks Beach Catchment

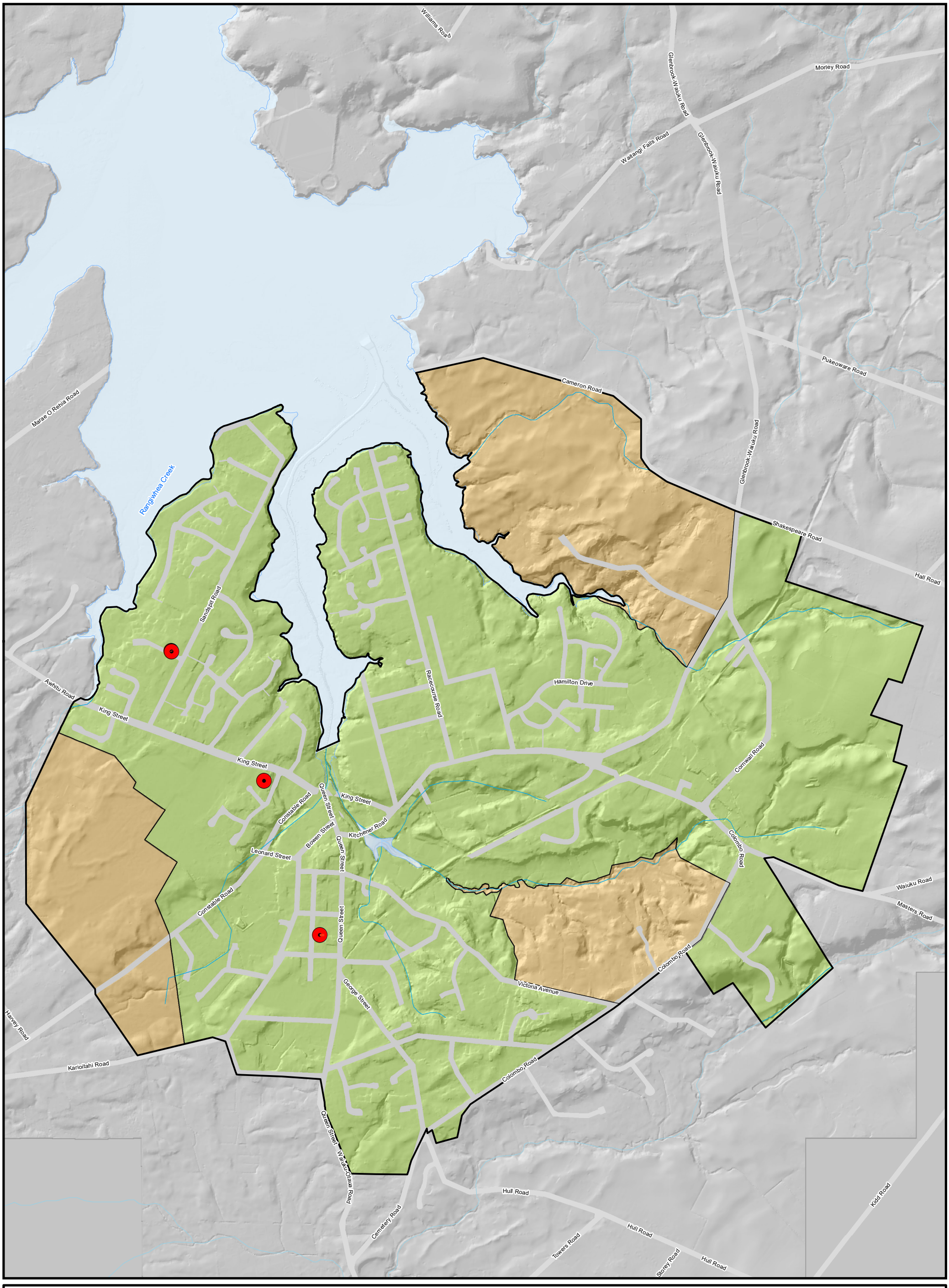
0 100 200 300 Metres

N

SCALE:1:11,500 @A3 CREATED BY:ASARIBALI
DATE:16 September 2020 MAP NO:PR20028

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LEGEND

- Existing Urban Area (as defined in NDC)
- Indicative Future Urban Area (as defined in NDC)
- LocalPipe (2)
- LocalManhole (4)

BASE MAP

Waiuku Catchment

0 130 260 390

Metres

N

SCALE:1:15,000 @A3 CREATED BY:ASARIBALI

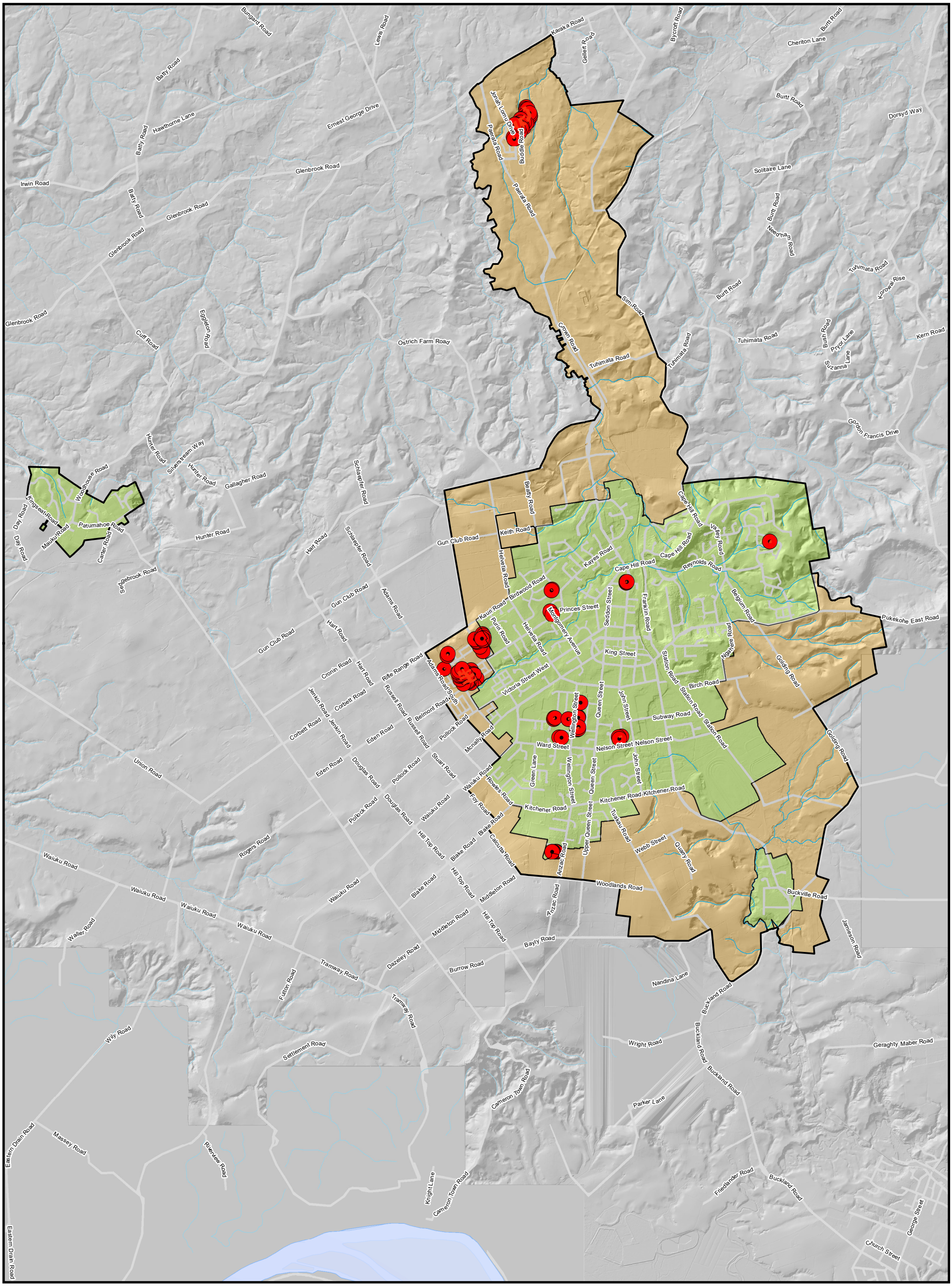
DATE:16 September 2020 MAP NO:PR20028

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LEGEND

- Existing Urban Area (as defined in NDC)
- Indicative Future Urban Area (as defined in NDC)
- LocalPipe (77)
- LocalManhole (102)

BASE MAP

Pukekohe Catchment

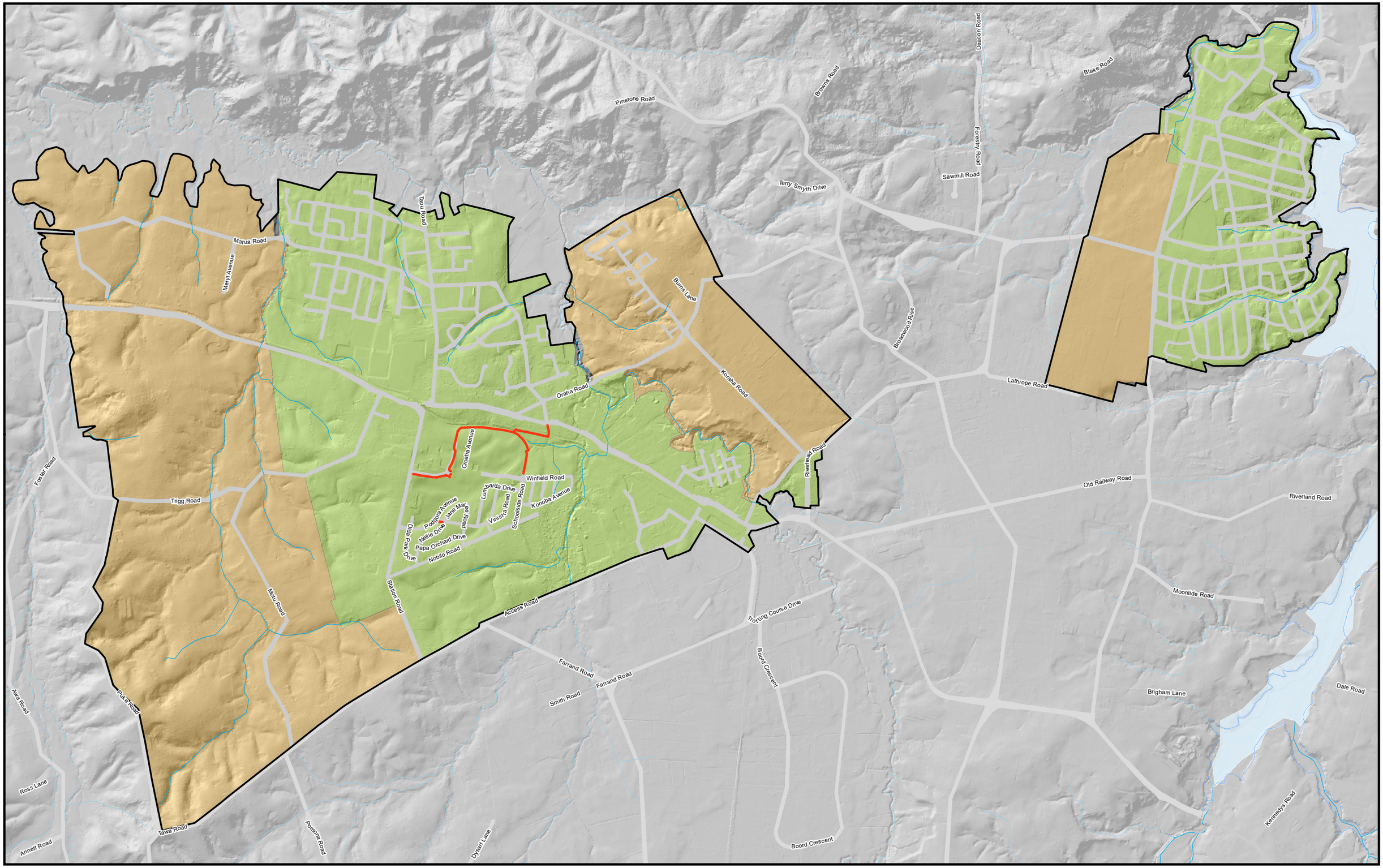
0 375 750 1,125 Metres

N

SCALE:1:42,000 @A3 CREATED BY:ASARIBALI
DATE:16 September 2020 MAP NO:PR20028

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LEGEND

- Existing Urban Area (as defined in NDC)
- Indicative Future Urban Area (as defined in NDC)
- LocalPipe (32)

BASE MAP

Kumeu-Huapai-Riverhead Catchment

0 180 360 540
Metres

N

SCALE: 1:21,000 @A3 CREATED BY: ASARIBALI
DATE: 16 September 2020 MAP NO: PR20028

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8. Public information

Condition 65 of the NDC requires Watercare to make the following information publicly available and update this information when necessary:

8.1 General Information about the Wastewater Network

For general information about the wastewater network, there are links to the wastewater processes, along with the Mangere and Rosedale treatment plants: https://www.watercare.co.nz/Water-and-wastewater/Wastewater-collection-and-treatment

For information on how the wastewater system is designed, and how outflows occur, and what can be done to prevent outflows: https://www.watercare.co.nz/Faults-outages/Plumbing-and-wastewater

Responsibility of Watercare for the wastewater network: https://www.watercare.co.nz/Help-and-advice/Responsibilities

General information on the wastewater network and material about undertaking works in the vicinity of wastewater pipes, to help prevent accidental damage that could result in wastewater discharge: https://www.watercare.co.nz/Water-and-wastewater/Building-and-developing/Working-near-our-assets

Information about wastewater and stormwater drainage, and the need and reasons for ensuring that service connections on properties drain into the appropriate system, including advice for property owners on how this can be achieved: https://www.watercare.co.nz/Faults-outages/Plumbing-and-wastewater/How-to-prevent-overflows/Downpipes-and-gully-traps

Stormwater and wastewater lessons for schools: https://www.watercare.co.nz/Help-and-advice/Environment-and-community/Watercare-Education-Programme/Stormwater-and-wastewater

Disposal of fats, oils, and grease: https://www.watercare.co.nz/Faults-outages/Plumbing-and-wastewater/How-to-prevent-overflows/Fats,-oils-and-grease

General information for private property owners who believe they may have cross-connections about how they can test for this and rectify it: https://www.watercare.co.nz/CMSPages/GetAzureFile.aspx?path=~\watercarepublicweb\media\watercare-media-library\how-to-prevent-overflows\keepingyourpipesflowing.pdf&hash=849f474fbc8367d61cf213f94c3432fa9117077a1d91595b2151f850ff69a308

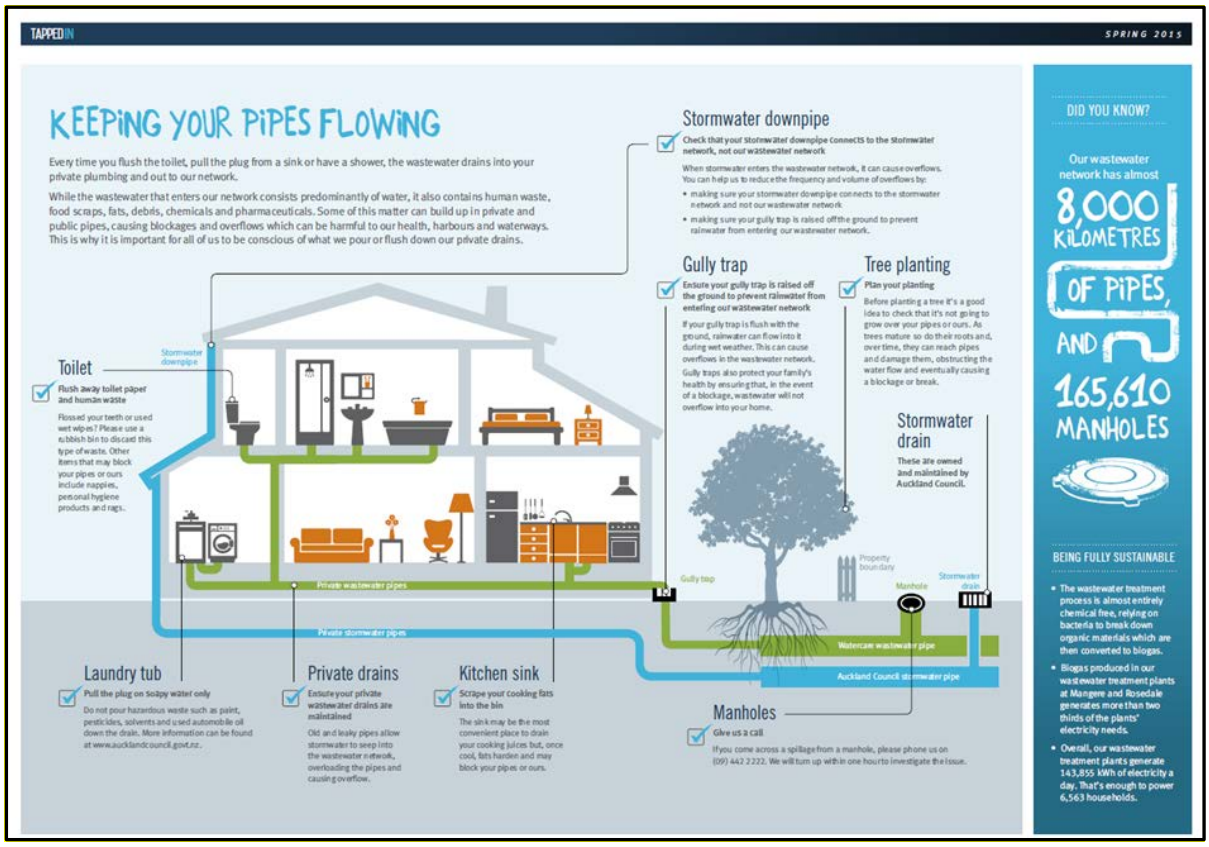
How to test for backflow and how to prevent it: https://www.watercare.co.nz/Water-and-wastewater/Backflow

Our performance goals for wet weather overflows, sustainability measures, and projects that reduce overflows: https://www.watercare.co.nz/Faults-outages/Plumbing-and-wastewater/Wastewater-overflows/Wet-weather-overflows

In addition to the above, Watercare operates a 24/7 customer call centre. Customer requests for information are logged and responded to accordingly: https://www.watercare.co.nz/Faults-outages/Report-a-fault

Local Boards also receive this information as part of presentations from Watercare on responding to regional growth. These presentations focus on Watercare's infrastructure response as well as

opportunities for households to assist. Commercial food businesses in Auckland receive information on the importance of preventing fats, oils, and greases from entering the wastewater network as a multi-language brochure and poster.





8.2 Other Initiatives

Watercare has published a book called “Sam and Flo Go Round the Bend”.



Sam and Flo go round the bend

This school term, public kindergartens and schools in Auckland will receive free copies of our latest book – *Sam and Flo Go Round the Bend* – which tells the story of wastewater treatment in Auckland.

Sam joins a water droplet named Flo on an adventure to find out where the water goes when it disappears down the plughole. They travel through the network of pipes to the wastewater treatment plant and beyond.

Written by our education co-ordinator Sally Smith, this 28-page, A3-sized book is beautifully illustrated by Auckland artist Emma Scheltema.

Customers can purchase a copy of the book for $29.95 plus postage and packaging. Just email your order and details to communications@water.co.nz. Also available is our earlier book on water treatment in Auckland called *Sam and Flo's Watery Adventure*.

Sneak peak inside the book: Sam and Flo discover a fatberg on their journey through Auckland's wastewater network. Fatbergs form when people pour fat down their sinks and flush rubbish down their toilets.

We continue to educate the public on the causes of overflows and the actions private property owners can take to reduce the frequency and volume of overflows. Our efforts include presentations at community events and distributing newsletters in specific communities to educate people about overflows. We also include information in more widely distributued publications, such as the Autumn “Tapped In”, which focused on reducing wet weather overflows.

AUTUMN 2019

TAPPED IN

Bringing you news, updates and information from Watercare



Toby Runting enjoys paddling in the water at Kawakawa Bay. In 2012, the beach was deemed safe for swimming for the first time in 10 years. This was the result of Watercare commissioning the Kawakawa Wastewater Treatment Plant in 2011, enabling the removal of local septic tanks. Today, Watercare is working with Auckland Council on projects to improve beach water quality.

Cleaning up Auckland's beaches, waterways and backyards

Aucklanders love their beaches, local parks and backyards.[1] We love them too. Unfortunately, from time to time, our beautiful environment is affected by overflows.[2] However, it doesn't have to be this way.

We can all play a role in reducing overflows. We're doing our bit by expanding and upgrading the region's infrastructure and being careful in our operations. You can do your bit by being mindful of what you pour down the sink and flush down the toilet and by ensuring your property's private plumbing is correctly installed and maintained.

In this newsletter, we highlight ways we can reduce overflows together.

Understanding overflows

Rainy days

Overflows can happen when rain gets into wastewater pipes and overwhelms them. It causes manholes and purpose-built structures to overflow with stormwater and wastewater.

Did you know?

These overflows often affect our beaches, waterways and parks. Sometimes private properties are also affected.

Any day

Overflows can happen when there is a build-up of fat or items like wet wipes in a pipe. These things can form large clumps - sometimes called fatbergs - that block pipes and cause private gully traps and public manholes to overflow with wastewater.

Did you know?

Fatbergs can block pipes and cause wastewater to overflow into people's backyards as well as into local waterways and beaches. Sometimes they're private blockages – leading to plumbing bills – and sometimes they're public blockages.

1 In a recent survey conducted by Auckland Council, 1,541 Aucklanders were asked what would make a 'world-class city'. Half of the participants believe the fundamentals of a great city include a clean and unpolluted environment, while 69 per cent voted for clean beaches and waterways as a must-have in terms of enjoyment.

2 Overflows are one of the contributors to poor beach water quality. Other water contaminants include animal faeces, heavy metals and chemicals that wash off the street and into the stormwater network. After long spells of dry weather, rainfall can carry a 'first flush' of dirty water to our beaches.

Community programmes

Reducing rainy-day overflows

To help reduce overflows during wet weather, we carry out inspections and tests on the public wastewater and stormwater network and private drainage. We inspect wastewater pipes, stormwater downpipes and gully traps in a variety of ways, including:

- Smoke testing – harmless smoke, similar to what is used in discos and theatres, is used to pinpoint any places on a property where stormwater is entering our wastewater network or vice versa.
- Dye testing – non-toxic dye is poured down a specific drain so we can trace where the water ends up.
- CCTV camera inspections – a camera is inserted down the pipe to inspect internal conditions.

This year, we will be visiting suburbs around Auckland as part of our region-wide programme to reduce stormwater entering into the wastewater network. Households that require a property inspection will be notified by a letter in the mail, confirming when the investigation will take place.

How can you help prevent these overflows?

Check that your stormwater downpipes and gully traps are installed correctly, and landscaping and paved areas are draining into the stormwater network.

Downpipes

A downpipe collects rain (stormwater) from the roof and should connect to a stormwater system only.

A compliant downpipe:

- is separate from a gully trap
- connects to the stormwater pipes on your property



A non-compliant downpipe:

- is connected to a gully trap, so stormwater will enter wastewater pipes



Gully trap

Wastewater from your kitchen, bathroom and laundry exits your home through a gully trap, which is a basin in the ground.

A compliant gully trap:

- is raised off the ground
- is covered by a grate



A non-compliant gully trap:

- is level with the ground





Get in touch

We're available to deal with any overflows 24/7 – just phone us on (09) 442 2222. Once we know about it, we can send a crew out within the hour.

KEEP IN TOUCH

Tapped In is your newsletter. If you would like to talk to us about any stories from this edition or your ideas for future issues, we'd love to hear from you. To get in touch, please email our communications team at **communications@water.co.nz**. You can learn more about what we do at **www.watercare.co.nz**.

9. Summary

Overall, type 1 and type 3 dry weather overflows reports in 2019-2020 were similar to the reported numbers for 2018-2019. In contrast, there was a substantial drop in wet weather type 3 overflows (Table 9-1). The extended dry weather period from January to June 2020 likely contributed to the lower frequencies.

Table 9-1 Comparison of type 1 and type 3 overflows between the current and previous reporting periods.

Overflow	Type	2018-19	2019-20
DWO	Type 1	25	27
	Type 3	3,634	3,486
	Type 3 DWO L3+	71	80
WWO	Type 1	178	194
	Type 3	617	393
	Type 3 DWO L3+	5	4
Total		**4,454**	**4,100**

The catchments that experienced the majority of type 1 wet weather overflows were Snells Beach-Algies Bay, Lower Tamaki River and Henderson Creek. The catchments which had the highest numbers of type 3 wet weather overflows were Upper Tamaki and Western Isthmus. Analysis of the type 3 dry weather overflows identifies fat and grease as the leading cause of blockages, followed by unknown causes, then roots.

The improvement works projects listed in Section 6 will help tackle the areas of high overflows. The projects include:

- Improvement works in the Lower and Upper Tamaki River catchments
- A long-term solution in Snells Beach-Algies Bay that will cater for population growth
- The Central Interceptor programme in the Western Isthmus, which will reduce the annual volume of overflows by up to 80%.

In addition to the improvement works programme, the Inflow and Infiltration team continue to investigate areas of concern, identifying both public and private issues contributing to both dry and wet weather overflows.

Ongoing planned maintenance activities such as CCTV surveys, flushing and root cutting continue as measures to reduce overflow events. There are also education and awareness programmes in place, including liaison with community groups, to reduce the frequency of uncontrolled overflows through increased public awareness.

APPENDIX 1: DEFINITIONS

Auckland	The geographical area defined in section 4(1) of the Local Government (Auckland Council) Act 2009.
Best Practicable Option (BPO)	In relation to a discharge of a contaminant or an emission of noise, means the best method for preventing or minimising the adverse effects on the environment having regard, among other things, to— a) the nature of the discharge or emission and the sensitivity of the receiving environment to adverse effects; and b) the financial implications, and the effects on the environment, of that option when compared with other options; and c) the current state of technical knowledge and the likelihood that the option can be successfully applied. (Resource Management Act 1991)
Class 1 Recreational Receiving Environment	An area where contact recreation is known to occur (i.e. located on a known bathing beach). If the beach is a SafeSwim site this is deemed to be an indicator of a) high use; and/or b) a known shellfish gathering site; and/or c) aquaculture areas.
Computer Modelling	The formal simulation of the wastewater network using a mathematical model to predict network performance from a set of parameters and conditions, using a combination of hydrologic (such as MOUSE-ROI) and hydraulic (such as MOUSE) programmes.
Consultation	Engagement in a spirit of good will and open-mindedness to ensure that the Consent Holder is fully informed of the other parties' concerns and issues when preparing and reviewing the Wastewater Network Strategy.
Dry Weather Flow	The flow in the wastewater network that would occur during a normal day in a dry weather period, including wastewater, trade waste and groundwater infiltration. Groundwater is defined as any natural water, including salt water, which has not become mixed with wastewater or trade waste.
Dry Weather Overflow (DWO)	An overflow that occurs during dry weather flow from any part of the network, usually as a result of blockage, breakage, mechanical or power failure at pump stations or storage facilities, system failure or the lack of hydraulic capacity in the network during periods of dry weather flow.
Engineered Overflow Point	A location where a discharge from an engineered overflow structure occurs.

Existing Network	The separated and combined wastewater network owned and operated by Watercare Services Limited (as the Auckland water organisation) at the time the Auckland Wastewater Network Comprehensive Discharge Permit commences. For avoidance of doubt, any additional or New Engineered Overflow Points become part of the Existing Network after the engineered overflow structure has been built.
Existing Urban Area	Any area within the metropolitan urban limits, and; Any area included within the urban zones (under an operative district plan) of a rural or coastal settlement; at the time the Auckland Wastewater Network Comprehensive Discharge Permit commences.
Future Network	The *Network*, including Engineered Overflow Points and other Network assets, in currently unserviced areas within any *Existing Urban Area*; or to be constructed within any *Indicative Future Urban Area* after the area has been given an urban zoning.
Indicative Future Urban Area	Any area shown in the maps in Attachment 1 as Indicative Future Urban Area.
Manager	The designated person authorised by the Auckland Council, or their delegate.
Metropolitan Urban Limit	The boundary between rural area and urban area delineated on the Map Series 1, Sheets 1- 20 of the Auckland Council Regional Policy Statement (July 1999) and subsequent amendments.
Network	The wastewater network owned and operated by Watercare Services Limited (as the Auckland water organisation), including all assets necessary for the operation of the network, including but not limited to pipelines, pipe bridges, siphons, rising mains, overflow structures, storage facilities and pump stations. The Network includes the transmission system (the larger pipes that convey wastewater collected by local network pipes to the wastewater treatment plant.) and the local system (the smaller pipes that convey wastewater from individual properties or housing or commercial developments to the transmission network.).
New Engineered Overflow Point	An Engineered Overflow Point that is an addition to the Network after the Auckland Wastewater Network Comprehensive Discharge Permit commences.
Normal Operation (of the Network)	Excludes events which are due to circumstances beyond the Consent Holder's control and which cannot be provided against, and are defined as follows: (a) Chokes. Network Failure, a force majeure (including vandalism and for terrorism): (b) Heavy rain which occurs

	at the same time maintenance or construction or re-construction of the Network and is beyond the diversion capacity.
Overflow or Wastewater Overflow	A discharge from the Network that occurs in either a controlled manner from an Engineered Overflow Point or in an uncontrolled manner from any other point in the network, either during times of Dry Weather Flow or Wet Weather Flow.
Overflow Point	An existing or future physical discharge location where the discharge is from an engineered overflow structure in the wastewater network.
Repeat Dry Weather Overflow	A Dry Weather Overflow that occurs more than once at the same location within a 12 month period.
Replacement Engineered Overflow Point	A like-for-like replacement (including a minor upgrade of the Engineered Overflow Structure) of the existing Engineered Overflow Point.
Reported Wastewater Overflow	An Overflow that is reported by any person to the Watercare Control Room or that has been identified as having occurred by Watercare's telemetry system.
SEA-M1	Significant Ecological Area – Marine 1, as defined in the Proposed Auckland Unitary Plan notified 30 September 2013. An area which, due to its physical form, scale or inherent values, is considered to be the most vulnerable to any adverse effects of inappropriate subdivision, use and development.
Similar Location	A location within a radius of 500 metres of the original location provided that it is within the same receiving environment.
Type 1 Overflow Points	Engineered structures associated with a WWPS.
Type 2 Overflow Points	Engineered structures that provide a relief point on the network, including combined sewer overflows (CSOs).
Type 3 Overflows Points	Uncontrolled overflow points that usually discharge from a manhole as the result of surcharging during wet weather.
Wastewater	Liquid (and liquids containing solids) waste from domestic, industrial, institutional or commercial premises including (but not limited to) toilet wastes, sullage, trade wastes and gross solids.
Wastewater Network	A system of pipes, open channels and associated ancillary structures for the purpose of conveying, diverting, storing, treating or discharging wastewater.
Wastewater Network Strategy	The document that describes network improvement planning and prioritisation of network improvements for a period of six years.
Wastewater Overflow or Overflow	A discharge from the network that occurs in either a controlled manner from an engineered overflow point or in an uncontrolled manner from any other point in the network, either during times of dry weather flow or wet weather flow.

Wet Weather Flow	The flow within a wastewater network that is greater than the dry weather flow, and which occurs as a result of rainfall (directly or indirectly) entering the Network.
Wet Weather Overflow (WWO)	A wastewater overflow during times of wet weather flow.
Wet Weather Overflow Event	One or more wet weather overflows that end(s) when all overflows have ceased discharging for more than 24 hours. Where the overflow stops and then recommences within 24 hours as a result of a single continuous or intermittent rainfall event, it is considered a single wet weather overflow event.

Classification of Dry Weather Overflow Incidents

Level 1 (Spill)	A Level 1 incident is capable of being managed as a matter of routine operations, resolved in a reasonable timeframe and where there is one or more of the following: • ground containment • no discharge to a water course • contamination of less than 50 m^2 of adjacent ground • no property damage • public health risk limited to one household (private property) • no affect on in-stream ecology.
Level 2 (Minor Overflow)	A Level 2 incident is capable of being managed as a matter of routine operations, resolved in a reasonable timeframe and where there is one or more of the following: • a discharge to an open water course or piped storm water system and where natural dilution or containment minimises the impact on the water body • there is a low ammonia reading 100m downstream (<3ppm) • potential impact on fish/wildlife • contamination of greater than 50 m^2 of adjacent ground • minimal effect on in-stream ecology • property damage less than $1000 • potential health risk limited to 2 households (private property); or • potential health risk limited to less than 10 people (sensitive public place).
Level 3 (Significant Overflow)	A Level 3 incident requires escalation due to complexity, consequential effects and involvement of Communications and other specialist support where there is one or more of the following:

	• short term of less than 4 hours of high volume/rate or an extended duration of less than 12 hours (from time of notification) of low volume/rate discharge to water body or sensitive land and where minimal dilution or containment is possible • there is obvious contamination of stream/water body or the stream is anoxic and or black • there is reasonably high ammonia readings (>3ppm) 100m downstream • potential impact on in-stream ecology • in-stream ecology is stressed • potential impact on shellfish gathering • potential impact on recreational bathing • property damage less than $10,000 • health risk to more than 2 households (private property) • heath risk to more than 10 people (sensitive public place) • prosecution is possible.
Level 4 (Major Overflow)	A Level 4 incident requires escalation due to complexity, consequential effects and involvement of Communications and other specialist support where there is: • prolonged duration of greater than 4 hours of high volume/rate or greater than 12 hours (from time of notification) of low volume discharge to waterbody or sensitive land where no containment is possible • the stream is anoxic and/or black • definite impact on fish/wildlife, severely stressed or dead • definite impact on shellfish gathering • definite impact on recreational bathing • property damage greater than $10,000 • definite health risk to more than 10 households (private property) • definite health risk to more than 100 people (sensitive public place) • prosecution is likely.
Level 5 (Catastrophe)	A Level 5 incident is a catastrophe or a Civil Defence State of Emergency. A Level 5 incident is coordinated by the Executive Management Team due to consequential effects, incident management complexity and multi-agency involvement and may be triggered by a Regional or National Civil Defence Emergency or a regional Water Services event of extreme nature.

- **APPENDIX 2: SCHEDULE OF ENGINEERED OVERFLOW POINTS IN THE EXISTING NETWORK (CURRENT ON 30 JUNE 2020)**

Table 2-1 Schedule of engineered overflow points in the existing wastewater network, current on 30 June 2020. The hi-lighted rows show where changes have been made to the schedule during the 2019-2020 reporting year.

Facility Code	Overflow ID	Volume Range	Frequency Range	Overflow Type	EOP Status	Catchment No.	Catchment Name	Facility Name	Address	Coordinates Ref X	Coordinates Ref Y	Available Storage at DWF (hours)	Network Type	Receiving Environment	RE Type	Recreation Class	Public Health Risk	Ecology Class	Ecological Risk	Cultural Class	Aesthetic Class
	2	Low	Low	2	Operational	17	Henderson Creek	25 Blethyn Place	25 Blethyn Place, Te Atatu South	1746033	5919037		Separate	Henderson Creek (southern arm)	Estuary	2	Very Low	1	Very Low	1	1
	3	Low	Medium	2	Operational	17	Henderson Creek	13 Ascot Avenue	13 Ascot Avenue, Henderson	1744420	5919675		Separate	Taikata Stream	Small waterway	3	Low	3	Low	2	1
	4	Low	High	2	Operational	17	Henderson Creek	144-160 Triangle Road	144-160 Triangle Road, Massey	1744306	5921899		Separate	Rarawaru Stream	Small waterway	3	Moderate	2	Very high	2	1
	5	Low	Medium	2	Operational	17	Henderson Creek	9 Glenford Lane	9 Glenford Lane, Te Atatu Peninsula	1746820	5922215		Separate	Unnamed tributary to Henderson Creek	Small waterway	3	Low	1	Very high	2	1
	6	Medium	Medium	2	Operational	17	Henderson Creek	50 Kingdale Road	50 Kingdale Road, Henderson	1744853	5919642		Separate	Lincoln Stream	Small waterway	3	Low	2	High	2	1
	7	Medium	Medium	2	Operational	17	Henderson Creek	14B Woodglen Road	14B Woodglen Road, Glen Eden	1746473	5913873		Separate	Waikumete Stream	Large waterway	3	Low	2	Low	2	1
	8	Low	Medium	2	Operational	17	Henderson Creek	16 Chilcot Road	16 Chilcot Road, Te Atatu South	1745804	5918257		Separate	Henderson Creek (southern arm)	Estuary	2	Low	1	Low	1	1
	10	Low	Low	2	Operational	18	Whau River	38 La Rosa Street	38 La Street, Green Bay	1749083	5911643		Separate	Avondale Stream	Small waterway	3	Very Low	3	Very Low	1	1
	36	Low	Low	2	Operational	36	Western Isthmus (CI)	37 Saltaire Street	37 Saltaire Street, Avondale	1751012	5916371		Separate	Waterview Inlet (Saltaire Street)	Estuary	3	Very Low	1	Very Low	1	1
	37	Medium	High	2	Operational	36	Western Isthmus (CI)	3 Kelvinside Terrace	3 Kelvinside Terrace, Avondale	1751090	5914475		Separate	Small tributary of Whau Creek 2	Small Waterway	3	Moderate	2	Very high	2	1
DPSTR	38	Low	Low	1	Operational	18	Whau River	Sceptre Place Wastewater Pump Station	20 Sceptre Station, Avondale	1749357	5915778	4 - 8 hours	Separate	Whau River Estuary	Estuary	2	Very Low	1	Very Low	1	1
	39	High	High	2	Operational	36	Western Isthmus (CI)	Avondale Racecourse	21 Avondale Racecourse, Avondale	1751023	5915074		Combined	Small tributary of Whau Creek 1	Small Waterway	3	Moderate	2	Very high	2	1
	40	High	High	2	Operational	36	Western Isthmus (CI)	17 Victor Street	17a Victor Street, Avondale	1750980	5915903		Separate	Waterview Inlet (Saltaire Street)	Estuary	3	Moderate	1	Very high	1	1
DPRVD	41	Low	Low	1	Operational	18	Whau River	Riversdale Road Wastewater Pump Station	of Riversdale road, Avondale. In wet well.	1749408	5915370	4 - 8 hours	Separate	Whau River Estuary	Estuary	2	Very Low	1	Very Low	1	1
DPLID	42	Low	Low	1	Operational	18	Whau River	Lidcombe Place Wastewater Pump Station	11a Lidcombe Place, Avondale. In dry well.	1750374	5916592	1 - 4 hours	Combined	Waterview Embayment	Basin	2	Low	1	Low	1	1
DPASH	44	Low	Low	1	Operational	18	Whau River	Ash Street Wastewater Pump Station	159 Ash Station, Avondale	1749843	5915004	4 - 8 hours	Separate	Whau River Estuary	Estuary	2	Very Low	1	Very Low	1	1
	47	Low	Medium	2	Operational	21	Central Auckland (CBD)	Short Street/ Anzac Avenue	57 Short Avenue, City	1757993	5920609		Separate	Waitemata Harbour - CBD Edge	Harbour	2	Low	3	Very Low	1	1
	49	Low	Low	2	Operational	21	Central Auckland (CBD)	Quay Street	CBD	1757961	5920903		Separate	Waitemata Harbour - CBD Edge	Harbour	2	Very Low	3	Very Low	1	1

Facility Code	Overflow ID	Volume Range	Frequency Range	Overflow Type	EOP Status	Catchment No.	Catchment Name	Facility Name	Address	Coordinates Ref X	Coordinates Ref Y	Available Storage at DWF (hours)	Network Type	Receiving Environment	RE Type	Recreation Class	Public Health Risk	Ecology Class	Ecological Risk	Cultural Class	Aesthetic Class
	50	Low	Low	2	Operational	21	Central Auckland (CBD)	61 Beach Road	69 Beach Road, Auckland Central	1758094	5920626		Separate	Waitemata Harbour - CBD Edge	Harbour	2	Very Low	3	Very Low	1	1
	58	Low	Low	2	Operational	21	Central Auckland (CBD)	41 Kitchener Street	41 Kitchener Street, Auckland Central	1757623	5920495		Separate	Waitemata Harbour - CBD Edge	Harbour	2	Very Low	3	Very Low	1	1
	59	Low	Low	2	Operational	21	Central Auckland (CBD)	27 Victoria Street	27 Victoria Street, Auckland Central	1757441	5920394		Separate	Waitemata Harbour - CBD Edge	Harbour	2	Very Low	3	Very Low	1	1
	74	Low	Low	2	Unknown	21	Central Auckland (CBD)	3a Lower Albert St	3a a St, Auckland Central	1757444	5921042		Separate	Waitemata Harbour - CBD Edge	Harbour	2	Very Low	3	Very Low	1	1
	76	Low	Medium	2	Operational	21	Central Auckland (CBD)	242 Queen Street	242 Queen Street, Auckland Central	1757352	5920351		Separate	Waitemata Harbour - CBD Edge	Harbour	2	Low	3	Very Low	1	1
	80	Low	Low	2	Operational	21	Central Auckland (CBD)	Lorne Street/ Victoria Street East	27 Lorne East, Auckland Central	1757452	5920381		Separate	Waitemata Harbour - CBD Edge	Harbour	2	Very Low	3	Very Low	1	1
	89	Low	Low	2	Operational	21	Central Auckland (CBD)	292 Queen Street	292 Queen Street, Auckland Central	1757312	5920216		Separate	Waitemata Harbour - CBD Edge	Harbour	2	Very Low	3	Very Low	1	1
	93	Low	Low	2	Operational	21	Central Auckland (CBD)	89 Mayoral Drive	89 Mayoral Drive, Auckland Central	1757025	5919960		Separate	Waitemata Harbour - CBD Edge	Harbour	2	Very Low	3	Very Low	1	1
	95	Low	Low	2	Operational	21	Central Auckland (CBD)	327 Queen Street	327 Queen Street, Auckland Central	1757131	5919887		Separate	Waitemata Harbour - CBD Edge	Harbour	2	Very Low	3	Very Low	1	1
	97	Low	Medium	2	Operational	21	Central Auckland (CBD)	301 Queen Street A	301 Queen A, Auckland Central	1757155	5920000		Separate	Waitemata Harbour - CBD Edge	Harbour	2	Low	3	Very Low	1	1
	99	Low	Low	2	Operational	21	Central Auckland (CBD)	1 Greys Avenue	1 Greys Avenue, Auckland Central	1757067	5919979		Separate	Waitemata Harbour - CBD Edge	Harbour	2	Very Low	3	Very Low	1	1
	108	Low	Low	2	Operational	21	Central Auckland (CBD)	301 Queen Street B	301 Queen B, Auckland Central	1757258	5920069		Separate	Waitemata Harbour - CBD Edge	Harbour	2	Very Low	3	Very Low	1	1
	109	Low	Low	2	Operational	21	Central Auckland (CBD)	267 Queen Street	267 Queen Street, Auckland Central	1757291	5920223		Separate	Waitemata Harbour - CBD Edge	Harbour	2	Very Low	3	Very Low	1	1
	112	Low	Low	2	Operational	21	Central Auckland (CBD)	Wellesley Street West	42 Wellesley West, Auckland Central	1757197	5920247		Separate	Waitemata Harbour - CBD Edge	Harbour	2	Very Low	3	Very Low	1	1
	113	Low	Low	2	Operational	21	Central Auckland (CBD)	8 Mayoral Drive	8 Mayoral Drive, Auckland Central	1757134	5920200		Separate	Waitemata Harbour - CBD Edge	Harbour	2	Very Low	3	Very Low	1	1

Facility Code	Overflow ID	Volume Range	Frequency Range	Overflow Type	EOP Status	Catchment No.	Catchment Name	Facility Name	Address	Coordinates Ref X	Coordinates Ref Y	Available Storage at DWF (hours)	Network Type	Receiving Environment	RE Type	Recreation Class	Public Health Risk	Ecology Class	Ecological Risk	Cultural Class	Aesthetic Class
	114	Low	Low	2	Operational	21	Central Auckland (CBD)	15 Mayoral Drive	15 Mayoral Drive, Auckland Central	1757118	5920164		Separate	Waitemata Harbour - CBD Edge	Harbour	2	Very Low	3	Very Low	1	1
	115	Low	Low	2	Operational	21	Central Auckland (CBD)	12 Mayoral Drive A	12 Mayoral A, Auckland Central	1757010	5920142		Separate	Waitemata Harbour - CBD Edge	Harbour	2	Very Low	3	Very Low	1	1
	116	Low	Low	2	Operational	21	Central Auckland (CBD)	15 Mayoral Drive B	15 Mayoral B, Auckland Central	1757119	5920162		Separate	Waitemata Harbour - CBD Edge	Harbour	2	Very Low	3	Very Low	1	1
	117	Low	Low	2	Operational	21	Central Auckland (CBD)	67 Vincent Street A	67 Vincent A, Auckland Central	1756959	5920079		Separate	Waitemata Harbour - CBD Edge	Harbour	2	Very Low	3	Very Low	1	1
	118	Low	Low	2	Operational	21	Central Auckland (CBD)	162 Cook Street	162 Cook Street, Auckland Central	1757001	5920112		Separate	Waitemata Harbour - CBD Edge	Harbour	2	Very Low	3	Very Low	1	1
	119	Low	Low	2	Operational	21	Central Auckland (CBD)	67 Vincent Street B	67 Vincent B, Auckland Central	1756978	5920098		Separate	Waitemata Harbour - CBD Edge	Harbour	2	Very Low	3	Very Low	1	1
	120	Low	Low	2	Operational	21	Central Auckland (CBD)	14 Mayoral Drive	14 Mayoral Drive, Auckland Central	1757057	5920143		Combined	Waitemata Harbour - CBD Edge	Harbour	2	Very Low	3	Very Low	1	1
	121	Low	Low	2	Operational	21	Central Auckland (CBD)	11 Mayoral Drive	15 Mayoral Drive, Auckland Central	1757120	5920214		Separate	Waitemata Harbour - CBD Edge	Harbour	2	Very Low	3	Very Low	1	1
	123	Low	Medium	2	Operational	21	Central Auckland (CBD)	12 Mayoral Drive B	6m beyond end of road/ bledisloe building car park)	1757159	5920147		Separate	Waitemata Harbour - CBD Edge	Harbour	2	Low	3	Very Low	1	1
	127			2	Operational	21	Central Auckland (CBD)	1 Victoria Street West	1 Victoria West, Auckland Central	1757344	5920426		Separate	Waitemata Harbour - CBD Edge	Harbour	2	Very Low	3	Very Low	1	1
	128	Low	High	2	Operational	21	Central Auckland (CBD)	11 Victoria Street East	11 Victoria East, Auckland Central	1757375	5920413		Separate	Waitemata Harbour - CBD Edge	Harbour	2	Moderate	3	Low	1	1
	129	Low	Low	2	Operational	21	Central Auckland (CBD)	19 Victoria Street West	11 Victoria West, Auckland Central	1757350	5920445		Separate	Waitemata Harbour - CBD Edge	Harbour	2	Very Low	3	Very Low	1	1
	130	Low	Low	2	Operational	21	Central Auckland (CBD)	15 Albert Street	15 Albert Street, Auckland Central	1757368	5920856		Separate	Waitemata Harbour - CBD Edge	Harbour	2	Very Low	3	Very Low	1	1
	131	Low	Medium	2	Operational	21	Central Auckland (CBD)	Wolfe Street/ Hobson Street	1 Wolfe Street, Auckland Central	1757195	5920913		Separate	Waitemata Harbour - CBD Edge	Harbour	2	Low	3	Very Low	1	1
	134	Low	Low	2	Operational	21	Central Auckland (CBD)	Durham Lane	9-11 Durham Lane, Auckland Central	1757350	5920581		Separate	Waitemata Harbour - CBD Edge	Harbour	2	Very Low	3	Very Low	1	1
	139	Low	Medium	2	Operational	36	Western Isthmus (CI)	18 Wainoni Avenue	18 Wainoni Avenue, Pt Chevalier	1751527	5918539		Separate	Coast near Bambury Close	Beach	2	Moderate	2	Low	2	1

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	146	Low	Medium	2	Operational	36	Western Isthmus (CI)	68 Smale Street	68 Smale Street, Pt Chevalier	1751709	5918200		Separate	To land							
	148	Low	Medium	2	Operational	36	Western Isthmus (CI)	64 Smale Street	64 Smale Street, Pt Chevalier	1751738	5918205		Separate	To land							
DPJOA	152	Low	Low	1	Operational	36	Western Isthmus (CI)	Joan Street Wastewater Pump Station	Joan Street, Point Chevalier	1751787	5919957	> 8 hours	Separate	Point Chevalier Beach	Beach	1	Low	2	Very Low	1	1
	160	Medium	High	2	Operational	22	Hobson Bay	45 Ascot Avenue	45 Ascot Avenue, Remuera	1760504	5916412		Separate	Waiatarua Reserve Stream	Small waterway	3	Moderate	3	Moderate	2	1
	161	Medium	High	2	Operational	25	Lower Tamaki River	155 Riverside Avenue	155 Riverside Avenue, Tamaki	1766365	5915758		Separate	Lower Tamaki River	Estuary	2	High	1	High	1	1
	162	Medium	High	2	Operational	25	Lower Tamaki River	49 Dunkirk Road	49 Dunkirk Road, Panmure	1766220	5914916		Separate	Lower Tamaki River	Estuary	2	High	1	High	1	1
	163	Low	Medium	2	Operational	25	Lower Tamaki River	34 Riverview Road	34 Riverview Road, Panmure	1765964	5914295		Separate	Lower Tamaki River	Estuary	2	Low	1	Low	1	1
	164	Low	Low	2	Operational	22	Hobson Bay	23A Inverary Avenue	23A A Avenue, Epsom	1757959	5916278		Separate	To land							
	167	Low	Low	2	Operational	21	Central Auckland (CBD)	74 Cook Street	74 Cook St, Freemans Bay	1756671	5920233		Separate	Waitemata Harbour - CBD Edge	Harbour	2	Very Low	3	Very Low	1	1
	169	Low	Low	2	Operational	21	Central Auckland (CBD)	Fanshawe Street/ Nelson Street	10 Fanshawe Street, City	1757026	5920810		Separate	Waitemata Harbour - CBD Edge	Harbour	2	Very Low	3	Very Low	1	1
	172	Medium	High	2	Operational	21	Central Auckland (CBD)	1 London Street	1 London Street, Ponsonby	1755956	5921014		Combined	Waitemata Harbour - CBD Edge	Harbour	2	High	3	Low	1	1
	176	Low	Low	2	Operational	21	Central Auckland (CBD)	Union Street	48 Union Street, Auckland Central	1756333	5920453		Separate	Waitemata Harbour - CBD Edge	Harbour	2	Very Low	3	Very Low	1	1
	178	Low	Low	2	Unknown	21	Central Auckland (CBD)	43 College Hill	43 College Hill, Freemans Bay	1755898	5920557		Combined	Waitemata Harbour - CBD Edge	Harbour	2	Very Low	3	Very Low	1	1
	180	High	High	2	Operational	21	Central Auckland (CBD)	16 Hackett Street	16 Hackett Street, Ponsonby	1755581	5921065		Combined	Waitemata Harbour - CBD Edge	Harbour	2	Very high	3	Moderate	1	1
DPWTN	183	Medium	High	2	Operational	21	Central Auckland (CBD)	95 Wellington Street	95 Wellington Street, Freemans Bay	1756219	5920064		Combined	Waitemata Harbour - CBD Edge	Harbour	2	High	3	Low	1	1
	188	High	High	2	Operational	25	Lower Tamaki River	6 Concord Place	8 Concord Place, Glen Innes	1766526	5916894		Separate	Omaru Creek	Small waterway	2	Very high	3	Moderate	1	1
	189	High	High	2	Operational	25	Lower Tamaki River	109 Taniwha Street	109 Taniwha Street, Glen Innes	1766605	5917102		Separate	Omaru Creek	Small waterway	2	Very high	3	Moderate	1	1
DPWTR	191	Low	Low	1	Operational	25	Lower Tamaki River	West Tamaki Road Wastewater Pump Station	side of cul de sac at end of Tahaki Road, Wai O Taiki Bay	1767621	5917576	> 8 hours	Separate	Lower Tamaki River	Estuary	2	Very Low	1	Very Low	1	1
	193	High	High	2	Operational	22	Hobson Bay	35 Yattendon Road	35 Yattendon Road, St Heliers	1766093	5919956		Separate	St Heliers Bay	Beach	1	Very high	2	Very high	1	1

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	194	High	High	2	Operational	20	Coxs Bay	28 Sarsfield Street	28 Sarsfield Street, Herne Bay	1755138	5921375		Combined	Home Bay	Beach	1	Very high	2	Very high	1	1
	195	Low	Low	2	Operational	20	Coxs Bay	54 Sarsfield Street	1m below lid. Northern side)	1754890	5921317		Combined	Home Bay	Beach	1	Low	2	Very Low	1	1
	196	High	High	2	Operational	20	Coxs Bay	8 Sarsfield Street	8 Sarsfield Street, Herne Bay	1755262	5921402		Combined	Home Bay	Beach	1	Very high	2	Very high	1	1
	197	Low	High	2	Operational	20	Coxs Bay	1 Marine Parade	33 Marine Parade, Herne Bay	1754026	5920996		Combined	Herne Bay	Beach	1	High	2	Moderate	1	1
	198	High	High	2	Operational	20	Coxs Bay	22 Marine Parade	22 Marine Parade, Herne Bay	1753814	5920805		Combined	Cox's Bay	Beach	2	Very high	2	Very high	1	1
	199	Low	Medium	2	Operational	20	Coxs Bay	57 Marine Parade	57 Marine Parade, Herne Bay	1753732	5920673		Combined	Cox's Bay	Beach	2	Moderate	2	Low	1	1
	200	Low	High	2	Operational	20	Coxs Bay	28 Sentinel Road	28 Sentinel Road, Herne Bay	1754732	5921097		Combined	Home Bay	Beach	1	High	2	Moderate	1	1
	201	High	High	2	Operational	20	Coxs Bay	97 Sarsfield Street	97 Sarsfield Street, Herne Bay	1754599	5921262		Combined	Home Bay	Beach	1	Very high	2	Very high	1	1
	202	Low	High	2	Operational	20	Coxs Bay	69 Hamilton Road	69 Hamilton Road, Ponsonby	1754881	5921403		Combined	Home Bay	Beach	1	High	2	Moderate	1	1
DPAL1	208	Low	Medium	1	Operational	23	Onehunga	Aldersgate Road 1 Wastewater Pump Station	25 Aldersgate Station, Hillsborough	1755658	5911422	4 - 8 hours	Separate	Unnamed stream (flowing to Wesley Bay)	Small waterway	2	High	2	High	1	1
DPAL2	209	Low	Medium	1	Operational	23	Onehunga	Aldersgate Road 2 Wastewater Pump Station	66 Aldersgate Station, Waikowhai	1755275	5911093	1 - 4 hours	Separate	Wesley Bay	Beach	2	Moderate	1	Low	1	1
DPGLT	210	Low	Low	1	Operational	23	Onehunga	Gilletta Road Wastewater Pump Station	reserve at the end of Gilletta Road, Enderley. In wet well.	1752439	5911904	> 8 hours	Separate	Lynfield Cove	Beach	1	Low	2	Very Low	2	1
	211	Low	High	2	Operational	36	Western Isthmus (CI)	520 Blockhouse Bay Road	520 Blockhouse Bay Road, Blockhouse Bay	1751540	5912455		Combined	Tributary of Whau Creek (Blockhouse Bay Reserve)	Small waterway	2	Very high	2	Very high	2	1
	212	Low	Low	2	Operational	22	Hobson Bay	54 Speight Road	54 Speight Road, Kohimarama	1764680	5919878		Separate	Madill's Stream	Small waterway	2	Moderate	2	Moderate	1	1
	213	Low	Medium	2	Operational	22	Hobson Bay	59 Baddeley Avenue	59 Baddeley Avenue, Kohimarama	1764345	5919340		Separate	Madill's Stream	Small waterway	2	High	2	High	1	1
	214	Low	Low	2	Unknown	22	Hobson Bay	64 Hawera Road	64 Hawera Road, Kohimarama	1764096	5919532		Separate	Madill's Stream	Small waterway	2	Moderate	2	Moderate	1	1
	215	Low	Medium	2	Operational	22	Hobson Bay	74 Hawera Road	74 Hawera Road, Kohimarama	1764212	5919542		Separate	Madill's Stream	Small waterway	2	High	2	High	1	1
	222	Low	Low	2	Operational	20	Coxs Bay	Sussex Street/ Williamson Avenue	33 Sussex Avenue, Grey Lynn	1755588	5919224		Combined	Cox's Creek	Small waterway	3	Very Low	2	Moderate	1	1
	223	Low	Low	2	Operational	20	Coxs Bay	36 Scanlon Street	36 Scanlon Street, Grey Lynn	1755757	5919170		Combined	Cox's Creek	Small waterway	3	Very Low	2	Moderate	1	1
	224	Low	Low	2	Operational	20	Coxs Bay	49 Ariki Street	49 Ariki Street, Grey Lynn	1755498	5919076		Combined	Cox's Creek	Small waterway	3	Very Low	2	Moderate	1	1

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	225	Medium	High	2	Operational	20	Coxs Bay	Grey Lynn Park/ Williamson Avenue	71 Grey Avenue, Grey Lynn	1755327	5919073		Combined	Cox's Creek	Small waterway	3	Moderate	2	Very high	1	1
	226	Medium	High	2	Operational	20	Coxs Bay	123 Williamson Avenue	123 Williamson Avenue, Grey Lynn	1755028	5918798		Combined	Cox's Creek	Small waterway	3	Moderate	2	Very high	1	1
	227	Low	Low	2	Operational	20	Coxs Bay	Elgen Street	34 Elgen Street, Grey Lynn	1755099	5919040		Combined	Cox's Creek	Small waterway	3	Very Low	2	Moderate	1	1
	228	Low	Low	2	Operational	20	Coxs Bay	Selbourne Street/ Firth Street	10 Selbourne Street, Grey Lynn	1754769	5919020		Combined	Cox's Creek	Small waterway	3	Very Low	2	Moderate	1	1
	229	Low	Medium	2	Operational	20	Coxs Bay	30 West End Road	30 West Road, Herne Bay	1754138	5920376		Combined	Cox's Creek	Small waterway	3	Low	2	High	1	1
	230	Medium	High	2	Operational	20	Coxs Bay	42 Wharf Road	29b Wharf Road, Herne Bay	1754373	5920294		Combined	Kelmarna Stream	Small waterway	3	Moderate	2	Very high	2	1
	233	High	High	2	Operational	20	Coxs Bay	65 Kelmarna Avenue	65 Kelmarna Avenue, Ponsonby	1754620	5920358		Combined	Kelmarna Stream	Small waterway	3	Moderate	2	Very high	2	1
DPEDC	234	Medium	High	1	Operational	20	Coxs Bay	75 West End Road	75 West Road, Herne Bay	1753612	5920199		Combined	Cox's Bay	Beach	2	Very high	2	High	1	1
	235	High	High	2	Operational	20	Coxs Bay	52 Fife Street	52 Fife Street, Westmere	1753938	5919779		Combined	Edgars Creek	Small waterway	2	Very high	3	Moderate	1	1
	237	Low	Low	2	Operational	20	Coxs Bay	91 Rose Road	93 Rose Road, Grey Lynn	1755122	5919343		Combined	Cox's Creek	Small waterway	3	Very Low	2	Moderate	1	1
	238	High	High	2	Operational	20	Coxs Bay	61 Dryden Street	61 Dryden Street, Grey Lynn	1754932	5919327		Combined	Cox's Creek	Small waterway	3	Moderate	2	Very high	1	1
	240	Low	Low	2	Operational	20	Coxs Bay	73 Dryden Street	73 Dryden Street, Grey Lynn	1754813	5919506		Combined	Cox's Creek	Small waterway	3	Very Low	2	Moderate	1	1
	241	Low	Low	2	Operational	20	Coxs Bay	55 Hakanoa Street	55 Hakanoa Street, Grey Lynn	1754715	5919584		Combined	Cox's Creek	Small waterway	3	Very Low	2	Moderate	1	1
	242	Low	Medium	2	Operational	20	Coxs Bay	38 Sackville Street	38 Sackville Street, Grey Lynn	1754594	5919716		Combined	Cox's Creek	Small waterway	3	Low	2	High	1	1
	243	Low	Low	2	Operational	20	Coxs Bay	58 Hakanoa Street	58 Hakanoa Street, Grey Lynn	1754669	5919660		Separate	Cox's Creek	Small waterway	3	Very Low	2	Moderate	1	1
	244	High	High	2	Operational	20	Coxs Bay	32 Tawariki Street B	32 Tawariki B, Ponsonby	1754706	5920141		Combined	Cox's Creek	Small waterway	3	Moderate	2	Very high	1	1
	246	Low	High	2	Operational	20	Coxs Bay	32 Tawariki Street D	32 Tawariki D, Ponsonby	1754698	5920149		Combined	Cox's Creek	Small waterway	3	Moderate	2	Very high	1	1
	248	Low	Low	2	Operational	20	Coxs Bay	Wellpark Reserve	31 Wellpark Reserve, Westmere	1754014	5919342		Combined	Edgars Creek	Small waterway	2	Moderate	3	Very Low	1	1
	249	Medium	Medium	2	Operational	20	Coxs Bay	5 Larchwood Avenue	5 Larchwood Avenue, Westmere	1753991	5919544		Unknown	Edgars Creek	Small waterway	2	High	3	Low	1	1
	250	Low	Low	2	Operational	20	Coxs Bay	25 Francis Street	25 Francis Street, Grey Lynn	1754087	5919267		Combined	Edgars Creek	Small waterway	2	Moderate	3	Very Low	1	1
	251	Low	Medium	2	Operational	20	Coxs Bay	33 Regina Street	33 Regina Street, Grey Lynn	1754180	5920027		Combined	Cox's Creek	Small waterway	3	Low	2	High	1	1
	252	Medium	High	2	Operational	20	Coxs Bay	22 Parawai Crescent	22 Parawai Crescent, Ponsonby	1754417	5920082		Combined	Cox's Creek	Small waterway	3	Moderate	2	Very high	1	1
	253	Low	Low	2	Operational	20	Coxs Bay	14 Parawai Cr	14 Parawai Cr, Ponsonby	1754438	5920014		Combined	Cox's Creek	Small waterway	3	Very Low	2	Moderate	1	1

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	254	High	High	2	Operational	20	Coxs Bay	58 Fife Street	58B Fife Street, Westmere	1753938	5919779		Combined	Edgars Creek	Small waterway	2	Very high	3	Moderate	1	1
	256	Medium	High	2	Operational	20	Coxs Bay	63a Warnock Street	63a a Street, Westmere	1753931	5919721		Combined	Edgars Creek	Small waterway	2	Very high	3	Moderate	1	1
	260	Low	High	2	Operational	20	Coxs Bay	34 Notley Street	34 Notley Street, Westmere	1753537	5919364		Combined	Motions Creek	Small waterway	2	Very high	2	Very high	1	1
	261	Low	Medium	2	Operational	20	Coxs Bay	18 Meola Road	18 Meola Road, Westmere	1753251	5919645		Combined	Motions Creek Estuary	Estuary	2	Low	2	Low	1	1
	262	Low	High	2	Operational	20	Coxs Bay	26 Westmere Crescent	26 Westmere Crescent, Westmere	1753119	5919677		Combined	Motions Creek Estuary	Estuary	2	Moderate	2	Moderate	1	1
	263	Medium	High	2	Operational	20	Coxs Bay	36a Westmere Crescent	36a a Crescent, Westmere	1753069	5919716		Combined	Motions Creek Estuary	Estuary	2	High	2	High	1	1
	264	Low	Medium	2	Operational	20	Coxs Bay	25 Savage Street	23 Savage Street, Grey Lynn	1753429	5919394		Combined	Motions Creek	Small waterway	2	High	2	High	1	1
	265	Medium	High	2	Operational	20	Coxs Bay	15 Notley Street	15 Notley Street, Grey Lynn	1753313	5919486		Combined	Motions Creek	Small waterway	2	Very high	2	Very high	1	1
	266	Low	High	2	Operational	20	Coxs Bay	25 Tirotai Crescent	25 Tirotai Crescent, Westmere	1752923	5920019		Combined	Motions Creek Estuary	Estuary	2	Moderate	2	Moderate	1	1
	267	Low	High	2	Operational	20	Coxs Bay	216 Garnet Road	216 Garnet Road, Westmere	1752941	5920089		Combined	Motions Creek Estuary	Estuary	2	Moderate	2	Moderate	1	1
	268	High	High	2	Operational	20	Coxs Bay	40 Lemington Road	40 Lemington Road, Westmere	1752940	5919748		Combined	Motions Creek Estuary	Estuary	2	Very high	2	Very high	1	1
	269	Low	High	2	Operational	20	Coxs Bay	7 Weona Place	7 Weona Place, Westmere	1752668	5919768		Combined	Motions Creek Estuary	Estuary	2	Moderate	2	Moderate	1	1
	270	Low	High	2	Operational	20	Coxs Bay	1 Westmere Park Avenue	1 Westmere Avenue, Westmere	1752892	5919822		Combined	Motions Creek Estuary	Estuary	2	Moderate	2	Moderate	1	1
	271	Medium	High	2	Operational	20	Coxs Bay	22 Winsomere Cresecent	22a Winsomere Cresecent, Westmere	1752726	5919910		Unknown	Motions Creek Estuary	Estuary	2	High	2	High	1	1
	272	Low	Low	2	Operational	22	Hobson Bay	159 Orakei Road	3/159 Orakei Road, Remuera	1761047	5918159		Separate	Unnamed stream flowing to Hobson Bay	Small Waterway	2	Moderate	1	High	2	1
DSB01	273	Medium	High	2	Operational	22	Hobson Bay	35 Entrican Avenue	35 Entrican Avenue, Remuera	1761094	5916990		Separate	Unnamed stream flowing to Hobson Bay	Small Waterway	2	Very high	1	Very high	2	1
DPTON	274	Low	Low	1	Operational	22	Hobson Bay	Tonks Street Wastewater Pump Station	206 Orakei Road	1761052	5918284	> 8 hours	Separate	Hobson Bay	Basin	2	Low	1	Low	1	1
	276	Low	High	2	Operational	22	Hobson Bay	58 Kelvin Road	58 Kelvin Road, Remuera	1761965	5917486		Separate	Meadowbank Stream West	Small waterway	3	Moderate	2	Very high	2	1
	277	Low	Low	2	Operational	22	Hobson Bay	126 Ngapuhi Road	126 Ngapuhi Road, Remuera	1761999	5917859		Separate	Orakei Creek	Estuary	2	Moderate	1	Moderate	1	1
	279	Medium	High	2	Operational	22	Hobson Bay	188 Upland Road	188 Upland Road, Remuera	1761132	5918109		Separate	Hobson Bay	Basin	2	Very high	1	Very high	1	1
	280	Medium	High	2	Operational	22	Hobson Bay	12a Woodley Avenue	12 a Avenue, Remuera	1761154	5916888		Separate	Orakei Basin	Basin	1	Very high	1	Very high	1	1
	281	Medium	High	2	Operational	22	Hobson Bay	49 Ngapuhi Road	49 Ngapuhi Road, Remuera	1761853	5917335		Separate	Meadowbank Stream West	Small waterway	3	Moderate	2	Very high	2	1

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	282	Low	Low	2	Operational	22	Hobson Bay	118 Ngapuhi Road	118 Ngapuhi Road, Remuera	1761950	5917811		Separate	Orakei Creek	Estuary	2	Very Low	1	Very Low	1	1
	284	High	High	2	Operational	22	Hobson Bay	84 Meadowbank Road	84 Meadowbank Road, Meadowbank	1762417	5917660		Separate	Orakei Creek	Estuary	2	Very high	1	Very high	1	1
	285	Medium	High	2	Operational	22	Hobson Bay	77 Meadowbank Road	77 Meadowbank Road, Meadowbank	1762477	5917730		Separate	Orakei Creek	Estuary	2	High	1	High	1	1
	286	Low	Low	2	Operational	22	Hobson Bay	44a Benson Road	44a a Road, Remuera	1761229	5917840		Separate	Orakei Basin	Basin	1	Low	1	Low	1	1
	287	Medium	Medium	2	Operational	22	Hobson Bay	148 Lucerne Road	148 Lucerne Road, Remuera	1762065	5918123		Separate	Orakei Creek	Estuary	2	Moderate	1	Moderate	1	1
	288	Medium	High	2	Operational	22	Hobson Bay	2 Bonnie Brae Road	100 Bonnie Road, Meadowbank	1762472	5917822		Separate	Orakei Creek	Estuary	2	High	1	High	1	1
	289	Low	Medium	2	Operational	22	Hobson Bay	93 Waiatarua Road	108 Waiatarua Road, Meadowbank	1762170	5917785		Separate	Orakei Creek	Estuary	2	Low	1	Low	1	1
	295	Low	Low	2	Operational	22	Hobson Bay	14 Rangitoto Avenue	14 Rangitoto Avenue, Remuera	1760962	5917244		Separate	Orakei Basin	Basin	1	Low	1	Low	1	1
	296	Low	Low	2	Operational	22	Hobson Bay	17 Benson Road	17 Benson Road, Remuera	1761028	5917721		Separate	Orakei Basin	Basin	1	Low	1	Low	1	1
	308	Low	High	2	Operational	36	Western Isthmus (CI)	94 Haverstock Road	94 Haverstock Road, Sandringham	1754040	5915909		Combined	Meola Creek (Haverstock Road)	Small Waterway	3	Moderate	2	Very high	2	1
	309	Low	Low	2	Operational	36	Western Isthmus (CI)	29 Euston Road	29 Euston Road, Sandringham	1754001	5915651		Combined	Meola Creek (Haverstock Road)	Small Waterway	3	Very Low	2	Moderate	2	1
	316	Low	Low	2	Operational	36	Western Isthmus (CI)	98 Moa Road	98 Moa Road, Pt Chevalier	1752447	5918969		Separate	Lower Meola Creek	Large Waterway	2	Very Low	2	Very Low	2	1
	317	Medium	High	2	Operational	36	Western Isthmus (CI)	1102 Great North Road	1102 Great Road, Pt Chevalier	1752793	5918185		Combined	Meola Creek (north of SH 16)	Large Waterway	2	Very high	2	Moderate	1	1
	319	Low	Low	2	Operational	36	Western Isthmus (CI)	1064 Motions Road	1064 Motions Road, Pt Chevalier	1753198	5918823		Combined	Lower Meola Creek	Large Waterway	2	Very Low	2	Very Low	2	1
	320	Medium	High	2	Operational	36	Western Isthmus (CI)	71 Moa Road	71 Moa Road, Pt Chevalier	1752562	5918781		Combined	Lower Meola Creek	Large Waterway	2	Very high	2	Moderate	2	1
	321	Low	Low	2	Operational	36	Western Isthmus (CI)	76 Premier Avenue	76 Premier Avenue, Pt Chevalier	1752748	5918857		Combined	Lower Meola Creek	Large Waterway	2	Very Low	2	Very Low	2	1
	322	High	High	2	Operational	36	Western Isthmus (CI)	20 Kanuka Street	20 Kanuka Street, Pt Chevalier	1752648	5918895		Combined	Lower Meola Creek	Large Waterway	2	Very high	2	Moderate	2	1
	323	Medium	High	2	Operational	36	Western Isthmus (CI)	53 Premier Avenue A	53 Premier A, Pt Chevalier	1752988	5918736		Combined	Lower Meola Creek	Large Waterway	2	Very high	2	Moderate	2	1
	324	High	High	2	Operational	36	Western Isthmus (CI)	53 Premier Avenue B	53 Premier B, Pt Chevalier	1752987	5918739		Combined	Lower Meola Creek	Large Waterway	2	Very high	2	Moderate	2	1
	325	Low	Low	2	Operational	36	Western Isthmus (CI)	28 Pasedena Road	28 Pasedena Road, Pt Chevalier	1753070	5918730		Combined	Lower Meola Creek	Large Waterway	2	Very Low	2	Very Low	2	1
	327	Low	Medium	2	Operational	36	Western Isthmus (CI)	3 Parr Road	3 Parr Road, Pt Chevalier	1752583	5918129		Combined	Meola Creek (north of SH 16)	Large Waterway	2	Low	2	Low	1	1
	328	High	High	2	Operational	36	Western Isthmus (CI)	1054 Great North Road	1054 Great Road, Pt Chevalier	1752899	5918235		Combined	Meola Creek (north of SH 16)	Large Waterway	2	Very high	2	Moderate	1	1
	333	Low	High	2	Operational	36	Western Isthmus (CI)	79 Moa Road	79 Moa Road, Pt Chevalier	1752545	5918880		Separate	Lower Meola Creek	Large Waterway	2	Moderate	2	Moderate	2	1

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	337	Medium	High	2	Operational	36	Western Isthmus (CI)	252 Meola Road	252 Meola Road, Pt Chevalier	1752282	5918909		Combined	Lower Meola Creek	Large Waterway	2	Very high	2	Moderate	2	1
	338	High	High	2	Operational	36	Western Isthmus (CI)	99 Moa Road	99 Moa Road, Pt Chevalier	1752429	5919002		Combined	Lower Meola Creek	Large Waterway	2	Very high	2	Moderate	2	1
	341	Low	Low	2	Operational	36	Western Isthmus (CI)	25 Parkdale Road	27 Parkdale Road, Mt Albert	1752983	5917441		Combined	Meola Creek (Rawalpindi)	Large Waterway	3	Very Low	2	Very Low	2	1
	342	Medium	High	2	Operational	36	Western Isthmus (CI)	13 Rawalpindi Street	13 Rawalpindi Street, Mt Albert	1752832	5917661		Combined	Meola Creek (Rawalpindi)	Large Waterway	3	Moderate	2	Moderate	2	1
	347	Low	High	2	Operational	36	Western Isthmus (CI)	13 Novar Place	13 Novar Place, Pt Chevalier	1752836	5918081		Combined	Meola Creek (north of SH 16)	Large Waterway	2	Moderate	2	Moderate	1	1
	349	High	High	2	Operational	36	Western Isthmus (CI)	58 Walmer Road	58 Walmer Road, Pt Chevalier	1752488	5918631		Combined	Lower Meola Creek	Large Waterway	2	Very high	2	Moderate	2	1
	350	Medium	High	2	Operational	22	Hobson Bay	44 Rukutai Street	44 Rukutai Street, Orakei	1762869	5919523		Separate	Unnamed stream - Mission Bay	Small waterway	3	Moderate	3	Moderate	1	1
	351	Low	Medium	2	Operational	22	Hobson Bay	125 Aotea Street	125 Aotea Street, Orakei	1762885	5919784		Separate	Unnamed stream - Mission Bay	Small waterway	3	Low	3	Low	1	1
	352	Low	Medium	2	Operational	22	Hobson Bay	49 Rukutai Street	49 Rukutai Street, Orakei	1762889	5919418		Separate	Unnamed stream - Mission Bay	Small waterway	3	Low	3	Low	1	1
	353	Medium	High	2	Operational	22	Hobson Bay	2b Nihill Crescent	2b b Crescent, Mission Bay	1762985	5919974		Separate	Unnamed stream - Mission Bay	Small waterway	3	Moderate	3	Moderate	1	1
	354	Low	Low	2	Operational	36	Western Isthmus (CI)	29 East Street	29 East Street, Newton	1756749	5919279			Upper Motions Creek	Small Waterway	3	Very Low	1	High	1	1
	355	Low	Low	2	Operational	36	Western Isthmus (CI)	6 West Terrace	4a West Terrace, Newton	1756593	5919384		Separate	Upper Motions Creek	Small Waterway	3	Very Low	1	High	1	1
	357	Low	Low	2	Operational	36	Western Isthmus (CI)	1 Ian McKinnon Drive	1 Ian Drive, Newton	1756699	5919128		Separate	Upper Motions Creek	Small Waterway	3	Very Low	1	High	1	1
	359	Low	Low	2	Operational	36	Western Isthmus (CI)	17-23 Exmouth Street	17-23 Exmouth Street, Newton	1756729	5918647		Separate	Upper Motions Creek	Small Waterway	3	Very Low	1	High	1	1
	360	Low	Low	2	Operational	36	Western Isthmus (CI)	5 Harold Street	centre of road, Mount Eden	1756989	5918209		Separate	Upper Motions Creek	Small Waterway	3	Very Low	1	High	1	1
	362	Low	Low	2	Operational	36	Western Isthmus (CI)	9 Karaka Street	9 Karaka Street, Newton	1756584	5919022		Separate	Upper Motions Creek	Small Waterway	3	Very Low	1	High	1	1
	375	Low	Medium	2	Operational	36	Western Isthmus (CI)	39 King Street	39 King Street, Kingsland	1755751	5918420		Separate	Upper Motions Creek	Small Waterway	3	Low	1	Very high	1	1
	376	Low	Medium	2	Operational	36	Western Isthmus (CI)	31 Bond Street	31 Bond Street, Grey Lynn	1755578	5918443		Separate	Upper Motions Creek	Small Waterway	3	Low	1	Very high	1	1
	377	Low	High	2	Operational	36	Western Isthmus (CI)	36 King Street	36 King Street, Kingsland	1755778	5918437		Unknown	Upper Motions Creek	Small Waterway	3	Moderate	1	Very high	1	1
	378	Low	High	2	Operational	36	Western Isthmus (CI)	10 Burgoyne Street	10 Burgoyne Street, Newton	1756301	5919043		Separate	Upper Motions Creek	Small Waterway	3	Moderate	1	Very high	1	1
	379	Low	Medium	2	Operational	36	Western Isthmus (CI)	30 Potatau Street	30 Potatau Street, Grey Lynn	1755909	5918589		Unknown	Upper Motions Creek	Small Waterway	3	Low	1	Very high	1	1
	382	Low	Medium	2	Operational	36	Western Isthmus (CI)	Nixon Park	24 Nixon Park, Kingsland	1755519	5918212		Separate	Upper Motions Creek	Small Waterway	3	Low	1	Very high	1	1
	383	Low	Low	2	Operational	36	Western Isthmus (CI)	24 Central Road	24 Central Road, Kingsland	1755486	5918216		Separate	Upper Motions Creek	Small Waterway	3	Very Low	1	High	1	1

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	385	Low	High	2	Operational	36	Western Isthmus (CI)	52 Cooper Street	52 Cooper Street, Grey Lynn	1755537	5918324		Separate	Upper Motions Creek	Small Waterway	3	Moderate	1	Very high	1	1
	386	Low	Medium	2	Operational	36	Western Isthmus (CI)	39 Commercial Road	39 Commercial Road, Grey Lynn	1755469	5918296		Separate	Upper Motions Creek	Small Waterway	3	Low	1	Very high	1	1
	389	Low	High	2	Operational	36	Western Isthmus (CI)	21 Gundry Street	21 Gundry Street, Newton	1756405	5919150		Unknown	Upper Motions Creek	Small Waterway	3	Moderate	1	Very high	1	1
	390	Low	High	2	Operational	36	Western Isthmus (CI)	21 Edinburgh Street	21 Edinburgh Street, Newton	1756460	5919260		Separate	Upper Motions Creek	Small Waterway	3	Moderate	1	Very high	1	1
	392	Low	Medium	2	Operational	36	Western Isthmus (CI)	400 Great North Road	400 Great Road, Grey Lynn	1755311	5918437		Unknown	Upper Motions Creek	Small Waterway	3	Low	1	Very high	1	1
	394	Low	Low	2	Operational	36	Western Isthmus (CI)	42a Tuarangi Road	42a a Road, Western Springs	1754578	5918667		Separate	Upper Motions Creek	Small Waterway	3	Very Low	1	High	1	1
	395	Low	High	2	Operational	36	Western Isthmus (CI)	15 Fourth Street	15 Fourth Street, Kingsland	1755389	5918206		Combined	Upper Motions Creek	Small Waterway	3	Moderate	1	Very high	1	1
	397	Low	Low	2	Operational	36	Western Isthmus (CI)	52 Kingsland Avenue	52 Kingsland Avenue, Kingsland	1755192	5918230		Separate	Upper Motions Creek	Small Waterway	3	Very Low	1	High	1	1
	398	Low	Medium	2	Operational	36	Western Isthmus (CI)	27 Fourth Street	27 Fourth Street, Kingsland	1755284	5918217		Separate	Upper Motions Creek	Small Waterway	3	Low	1	Very high	1	1
	404	Low	High	2	Operational	36	Western Isthmus (CI)	31 Ivanhoe Road	31 Ivanhoe Road, Grey Lynn	1754321	5918426		Unknown	Upper Motions Creek	Small Waterway	3	Moderate	1	Very high	1	1
	409	Medium	High	2	Operational	36	Western Isthmus (CI)	731 Great North Road	731 Great Road, Western Springs	1754002	5918534		Combined	Upper Motions Creek	Small Waterway	3	Moderate	1	Very high	1	1
	411	Low	Medium	2	Operational	36	Western Isthmus (CI)	28 Springfield Road	28 Springfield Road, Western Springs	1754146	5918006		Combined	Upper Motions Creek	Small Waterway	3	Low	1	Very high	1	1
	412	Low	High	2	Operational	36	Western Isthmus (CI)	PSW25 Overflow	25 is nowhere close!)	1754084	5918391		Combined	Upper Motions Creek	Small Waterway	3	Moderate	1	Very high	1	1
	413	Medium	High	2	Operational	36	Western Isthmus (CI)	727 Great North Road	737 Great Road, Western Springs	1753899	5918658		Combined	Upper Motions Creek	Small Waterway	3	Moderate	1	Very high	1	1
	420	Low	Low	2	Operational	22	Hobson Bay	14 Mahuru Street	14 Mahuru Street, Newmarket	1758462	5917703		Separate	Newmarket Stream	Small waterway	3	Moderate	2	Very high	1	1
	421	Medium	High	2	Operational	22	Hobson Bay	29 Ayr Street A	29 Ayr A, Newmarket	1758837	5918410		Separate	Newmarket Stream	Small waterway	3	Moderate	2	Very high	1	1
	422	Low	Low	2	Operational	22	Hobson Bay	27 Morrow Street	27 Morrow Street, Newmarket	1758232	5918066		Combined	Newmarket Stream	Small waterway	3	Moderate	2	Very high	1	1
	423	Low	Low	2	Operational	22	Hobson Bay	8 Remuera Road B	8 Remuera B, Newmarket	1758534	5918223		Separate	Newmarket Stream	Small waterway	3	Moderate	2	Very high	1	1
	424	Low	Medium	2	Operational	22	Hobson Bay	29 Ayr Street B	29 Ayr B, Newmarket	1758831	5918434		Separate	Newmarket Stream	Small waterway	3	Moderate	2	Very high	1	1
	425	Low	Low	2	Operational	22	Hobson Bay	10 St Marks Road	10 St Road, Remuera	1758644	5917583		Separate	Newmarket Stream	Small waterway	3	Moderate	2	Very high	1	1
	427	Low	Low	2	Operational	22	Hobson Bay	Kingdon Street	12 Kingdon Street, Newmarket	1758359	5918520		Combined	Newmarket Stream	Small waterway	3	Very Low	2	Moderate	1	1
	428	Low	Low	2	Operational	22	Hobson Bay	6 Parkfield Terrace	6 Parkfield Terrace, Grafton	1757626	5918647		Combined	Newmarket Stream	Small waterway	3	Very Low	2	Moderate	1	1
	430	Medium	Medium	2	Operational	36	Western Isthmus (CI)	5 Gifford Avenue	5 Gifford Avenue, Mount Roskill	1754364	5914679		Separate	Oakley Creek (Wesley)	Large Waterway	2	High	3	Very Low	2	1

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	432	Low	Low	2	Operational	36	Western Isthmus (CI)	2 Mayn Avenue	2 Mayn Avenue, Mt Roskill	1754570	5914539		Separate	Oakley Creek (Wesley)	Large Waterway	2	Very Low	3	Very Low	2	1
	439	Low	Low	2	Operational	36	Western Isthmus (CI)	17 Tait Street B	17 Tait B, Oakley	1751702	5915469		Combined	Oakley Creek near New North Road	Large Waterway	2	Very Low	2	Very Low	2	1
	440	Medium	High	2	Operational	36	Western Isthmus (CI)	3 Waitati Place	3 Waitati Place, Oakley	1751939	5915229		Combined	Oakley Creek near New North Road	Large Waterway	2	Very high	2	Moderate	2	1
	448	Low	High	2	Operational	22	Hobson Bay	17 Watene Crescent	17 Watene Crescent, Orakei	1761865	5919910		Unknown	Okahu Bay	Beach	1	High	2	Moderate	1	1
	449	Low	Medium	2	Operational	22	Hobson Bay	66 Paritai Drive	66 Paritai Drive, Orakei	1761309	5919963		Separate	Orakei Marina	Basin	2	Moderate	2	Moderate	2	1
	451	Low	Medium	2	Operational	22	Hobson Bay	27 Ngapipi Road	36 Ngapipi Road, Orakei	1761371	5919385		Separate	Lower Purewa Creek	Estuary	2	Low	1	Low	1	1
	452	Medium	Medium	2	Operational	22	Hobson Bay	18 Ngapipi Road	18 Ngapipi Road, Orakei	1761368	5919593		Separate	Lower Purewa Creek	Estuary	2	Moderate	1	Moderate	1	1
	453	Low	Medium	2	Operational	22	Hobson Bay	12a Okahu Street	12A a Street, Orakei	1761738	5919963		Separate	Okahu Bay	Beach	1	Moderate	2	Low	1	1
	454	High	High	2	Operational	22	Hobson Bay	34-36 Apihai Street	34-36 Apihai Street, Orakei	1762117	5919727		Separate	Okahu Bay	Beach	1	Very high	2	Very high	1	1
	455	Medium	High	2	Operational	22	Hobson Bay	63 Reihana Street	63 Reihana Street, Orakei	1762302	5919440		Separate	Okahu Bay	Beach	1	Very high	2	High	1	1
	456	Low	High	2	Operational	22	Hobson Bay	88 Reihana Street	88 Reihana Street, Orakei	1762429	5919171		Separate	Okahu Bay	Beach	1	High	2	Moderate	1	1
	457	Low	Medium	2	Operational	22	Hobson Bay	36 Reihana Street	36 Reihana Street, Orakei	1762284	5919865		Unknown	Okahu Bay	Beach	1	Moderate	2	Low	1	1
	458	Low	High	2	Operational	22	Hobson Bay	88 Paritai Drive	88 Paritai Drive, Orakei	1761043	5919909		Separate	Lower Purewa Creek	Estuary	2	Moderate	1	Moderate	1	1
DPJAN	464	Low	Low	1	Operational	26	Upper Tamaki River	Jane Cowie Place Wastewater Pump Station	49 Jane Cowie Avenue, Otahuhu. In wet well.	1764438	5908444	4 - 8 hours	Separate	Upper Tamaki River (Middlemore Arm)	Estuary	3	Very Low	2	Very Low	1	1
DPOTA	465	Medium	Medium	1	Operational	26	Upper Tamaki River	Otahuhu North East Wholesale Wastewater Pump Station	25 Otahuhu Station, Otahuhu	1765491	5910775	4 - 8 hours	Separate	Otahuhu Creek	Estuary	3	Very Low	2	Moderate	1	2
	466	Low	Low	2	Operational	24	Mangere	20 Chelsea Avenue	20 Chelsea Avenue, Otahuhu	1763374	5908741		Separate	To land							
DPSAL	468	Low	Low	1	Operational	24	Mangere	Saleyard Road Wastewater Pump Station	31a Salesyard Road, Otahuhu. In wet well.	1763277	5909908	4 - 8 hours	Separate	Tui Creek	Small waterway	3	Very Low	2	Moderate	2	2
DPWAL	470	Low	Low	1	Operational	23	Onehunga	Walls Road Wastewater Pump Station	37 Miami Parade. Overflows to Walls Road SW detension pond.	1761101	5913754	> 8 hours	Separate	Stormwater Detention Pond	Small waterway	3	Very Low	3	Very Low	2	2
	477	Low	Low	2	Operational	21	Central Auckland (CBD)	69 St Georges Bay Road	69 St Road, Parnell	1759083	5919907		Separate	Waitemata Harbour - CBD Edge	Harbour	2	Very Low	3	Very Low	1	1

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	478	Low	Low	2	Operational	21	Central Auckland (CBD)	22 Avon Street	22 Avon Street, Parnell	1759080	5919928		Separate	Waitemata Harbour - CBD Edge	Harbour	2	Very Low	3	Very Low	1	1
	479	Low	Low	2	Operational	21	Central Auckland (CBD)	22 Stratford Street	22 Stratford Street, Parnell	1759088	5919857		Separate	Waitemata Harbour - CBD Edge	Harbour	2	Very Low	3	Very Low	1	1
	482	Low	High	2	Operational	21	Central Auckland (CBD)	11 Farnham Street	11 Farnham Street, Parnell	1758864	5920107		Combined	Waitemata Harbour - CBD Edge	Harbour	2	Moderate	3	Low	1	1
	487	Low	Low	2	Operational	21	Central Auckland (CBD)	106 St Georges Bay Road	106 St Road, Parnell	1758914	5920059		Combined	Waitemata Harbour - CBD Edge	Harbour	2	Very Low	3	Very Low	1	1
	493	Low	Low	2	Operational	22	Hobson Bay	32 Takutai Street	32 Takutai Street, Parnell	1759598	5919319		Separate	Hobson Bay	Basin	2	Low	1	Low	1	1
	494	Low	Medium	2	Operational	22	Hobson Bay	3 Papahia Street	3 Papahia Street, Parnell	1759731	5919573		Separate	Hobson Bay	Basin	2	Moderate	1	Moderate	1	1
	495	Low	Medium	2	Operational	22	Hobson Bay	43 Tohunga Street	43 Tohunga Street, Parnell	1759509	5919226		Separate	Hobson Bay	Basin	2	Moderate	1	Moderate	1	1
	496	Low	Low	2	Operational	22	Hobson Bay	28 Crescent Road	28 Crescent Road, Parnell	1759796	5919809		Separate	Hobson Bay	Basin	2	Low	1	Low	1	1
DPPL1	498	Low	Medium	1	Operational	22	Hobson Bay	Portland Road North Pump Station	201 Portland Station, Remuera	1760129	5918642	4 - 8 hours	Separate	Waitaramoa Stream	Small waterway	3	Low	1	Very high	1	1
	500	Low	Low	2	Operational	22	Hobson Bay	20 Spencer Street	20 Spencer Street, Remuera	1760146	5917822		Combined	Waitaramoa Stream	Small waterway	3	Very Low	1	High	1	1
	501	Low	Low	2	Operational	22	Hobson Bay	23a Portland Road	23A a Road, Remuera	1760043	5917053		Combined	Waitaramoa Stream	Small waterway	3	Very Low	1	High	1	1
	502	Low	Medium	2	Operational	22	Hobson Bay	21 Ingram Road	21 Ingram Road, Remuera	1760150	5918058		Combined	Waitaramoa Stream	Small waterway	3	Low	1	Very high	1	1
	503	Low	Low	2	Operational	22	Hobson Bay	68 Portland Road	68 Portland Road, Remuera	1759891	5917711		Combined	Waitaramoa Stream	Small waterway	3	Very Low	1	High	1	1
	504	Low	High	2	Operational	22	Hobson Bay	20 Standen Avenue	20 Standen Avenue, Remuera	1759973	5918193		Combined	Waitaramoa Stream	Small waterway	3	Moderate	1	Very high	1	1
	505	Medium	High	2	Operational	22	Hobson Bay	9 Scherff Road	9 Scherff Road, Remuera	1759996	5918027		Combined	Waitaramoa Stream	Small waterway	3	Moderate	1	Very high	1	1
	506	Low	High	2	Operational	22	Hobson Bay	20 Hapua Road	20 Hapua Road, Remuera	1759581	5918322		Separate	Unnamed stream in Thomas Bloodworth Park	Small waterway	2	Very high	2	Very high	1	1
DPPL2	507	Low	Low	1	Operational	22	Hobson Bay	Portland Road South Pump Station	157 Portland Station, Remuera	1760143	5918319	> 8 hours	Separate	Waitaramoa Stream	Small waterway	3	Very Low	1	High	1	1
	508	Low	High	2	Operational	22	Hobson Bay	32 Hapua Street	32 Hapua Street, Remuera	1759477	5918279		Separate	Unnamed stream in Thomas Bloodworth Park	Small waterway	2	Very high	2	Very high	1	1
	509	Medium	High	2	Operational	22	Hobson Bay	113 Brighton Road A	113 Brighton A, Parnell	1759391	5918792		Combined	Newmarket Stream	Small waterway	3	Moderate	2	Very high	1	1

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	511	High	High	2	Operational	22	Hobson Bay	158 Bassett Road	158 Bassett Road, Remuera	1759171	5918625		Combined	Newmarket Stream	Small waterway	3	Moderate	2	Very high	1	1
	512	Low	Low	2	Operational	22	Hobson Bay	3A Laxon Terrace A	3A A A, Newmarket	1758837	5918571		Separate	Newmarket Stream	Small waterway	3	Very Low	2	Moderate	1	1
	514	Medium	High	2	Operational	22	Hobson Bay	63 Tahapa Crescent	63 Tahapa Crescent, Meadowbank	1762523	5918286		Separate	Upper Purewa Creek	Estuary	3	Low	1	High	1	2
	515	Medium	High	2	Operational	22	Hobson Bay	11 Purewa Road	11 Purewa Road, Meadowbank	1762283	5918367		Separate	Upper Purewa Creek	Estuary	3	Low	1	High	1	2
	518	Medium	High	2	Operational	21	Central Auckland (CBD)	5 Cheshire Street	5 Cheshire Street, Parnell	1758443	5919852		Separate	Waitemata Harbour - CBD Edge	Harbour	2	High	3	Low	1	1
	521	Low	Low	2	Operational	21	Central Auckland (CBD)	6 Ngahere Terrace	6 Ngahere Terrace, Stanley	1758576	5919599		Unknown	Waitemata Harbour - CBD Edge	Harbour	2	Very Low	3	Very Low	1	1
	522	Low	Low	2	Operational	21	Central Auckland (CBD)	3 Domain Drive	3 Domain Drive, Parnell	1758796	5919017		Separate	Waitemata Harbour - CBD Edge	Harbour	2	Very Low	3	Very Low	1	1
	524	Low	Low	2	Operational	21	Central Auckland (CBD)	8 Grafton Road	8 Grafton Road, Grafton	1757831	5920076		Separate	Waitemata Harbour - CBD Edge	Harbour	2	Very Low	3	Very Low	1	1
DPCNH	528	Low	Low	1	Operational	21	Central Auckland (CBD)	2 Stanley Street	2 Stanley Street, Auckland Central	1758261	5920192		Separate	Waitemata Harbour - CBD Edge	Harbour	2	Very Low	3	Very Low	1	1
	529	Low	Low	2	Operational	21	Central Auckland (CBD)	6 - 18 Symonds Street	6 Symonds Street, Auckland Central	1757952	5920184		Separate	Waitemata Harbour - CBD Edge	Harbour	2	Very Low	3	Very Low	1	1
	530	Low	Medium	2	Operational	21	Central Auckland (CBD)	5 Alten Street	5 Alten Street, Auckland Central	1758086	5920191		Separate	Waitemata Harbour - CBD Edge	Harbour	2	Low	3	Very Low	1	1
	532	Low	Medium	2	Operational	21	Central Auckland (CBD)	1 Augustus Terrace	1 Augustus Terrace, Parnell	1758377	5920158		Separate	Waitemata Harbour - CBD Edge	Harbour	2	Low	3	Very Low	1	1
	534	Low	Low	2	Operational	21	Central Auckland (CBD)	Mutu Street	Street, Stanley	1758405	5920108		Separate	Waitemata Harbour - CBD Edge	Harbour	2	Very Low	3	Very Low	1	1
	535	Low	Low	2	Operational	21	Central Auckland (CBD)	Bedford Street	81 Bedford Street, Stanley	1758458	5920088		Separate	Waitemata Harbour - CBD Edge	Harbour	2	Very Low	3	Very Low	1	1
	536	Low	Low	2	Operational	21	Central Auckland (CBD)	3 Ferncroft Street	3 Ferncroft Street, Grafton	1757553	5919328		Separate	Waitemata Harbour - CBD Edge	Harbour	2	Very Low	3	Very Low	1	1
	542	Low	Low	2	Operational	21	Central Auckland (CBD)	38 Whitaker Place	38 Whitaker Place, Grafton	1757542	5919516		Combined	Waitemata Harbour - CBD Edge	Harbour	2	Very Low	3	Very Low	1	1
	551	Low	Low	2	Operational	21	Central Auckland (CBD)	2 Kari Street	2 Kari Street, Grafton	1757765	5919418		Separate	Waitemata Harbour - CBD Edge	Harbour	2	Very Low	3	Very Low	1	1

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	557	Low	Low	2	Unknown	21	Central Auckland (CBD)	3 Glenside Crescent	3 Glenside Crescent, Stanley	1757122	5918983		Combined	Waitemata Harbour - CBD Edge	Harbour	2	Very Low	3	Very Low	1	1
	559	Medium	High	2	Operational	36	Western Isthmus (CI)	1401 Great North Road A	1401 Great A, Waterview	1751902	5917629		Unknown	Lower Oakley Creek	Estuary	3	Low	1	High	1	1
	561	Low	Medium	2	Operational	36	Western Isthmus (CI)	49 Herdman Street	49 Herdman Street, Waterview	1751491	5917701		Combined	Lower Oakley Creek	Estuary	3	Very Low	1	Low	1	1
	562	Low	Medium	2	Operational	36	Western Isthmus (CI)	11 Waterbank Crescent	11 Waterbank Crescent, Waterview	1751693	5917664		Combined	Lower Oakley Creek	Estuary	3	Very Low	1	Low	1	1
	565	Medium	High	2	Operational	36	Western Isthmus (CI)	65 Oakley Avenue	65A Oakley Avenue, Waterview	1751131	5917658		Combined	Waterview Inlet (Seaside Avenue)	Estuary	3	Low	1	High	2	1
	566	High	High	2	Operational	36	Western Isthmus (CI)	64 Fir Street	64 Fir Street, Waterview	1751194	5917169		Combined	Waterview Inlet (Seaside Avenue)	Estuary	3	Moderate	1	Very high	2	1
	567	Medium	High	2	Operational	36	Western Isthmus (CI)	16 Seaside Avenue	21 Seaside Avenue, Waterview	1751201	5916934		Combined	Waterview Inlet (Seaside Avenue)	Estuary	3	Low	1	High	2	1
	568	High	High	2	Operational	36	Western Isthmus (CI)	71 Alverstone Street	71 Alverstone Street, Avondale	1751081	5917397		Combined	Waterview Inlet (Seaside Avenue)	Estuary	3	Moderate	1	Very high	2	1
	571	Low	Low	2	Operational	36	Western Isthmus (CI)	102 Penney Avenue	102 Penney Avenue, Mount Roskill	1753455	5912748		Separate	Whau Creek (White Swan Road)	Small Waterway	3	Very Low	2	Moderate	2	1
	572	High	High	2	Operational	36	Western Isthmus (CI)	375 Blockhouse Bay Road	375 Blockhouse Road, Avondale	1751611	5913419		Combined	Whau Creek	Small waterway	3	Moderate	1	Very high	1	1
	573	Low	Medium	2	Operational	36	Western Isthmus (CI)	4 Margate Road	4 Margate Road, Blockhouse Bay	1751669	5913659		Separate	Whau Creek	Small waterway	3	Low	1	Very high	1	1
	574	Low	Medium	2	Operational	36	Western Isthmus (CI)	5 Shoreham Street	5 Shoreham Street, Avondale	1751761	5913935		Separate	Tributary of Whau Creek (Shoreham Street)	Small Waterway	3	Low	2	High	2	1
	575	Low	Medium	2	Operational	36	Western Isthmus (CI)	164 St Georges Road	164 St Road, Avondale	1751127	5914038		Combined	Whau Creek	Small waterway	3	Low	1	Very high	1	1
	578	Low	High	2	Operational	36	Western Isthmus (CI)	32 Miranda Street	32 Miranda Street, Avondale	1751275	5913733		Separate	Whau Creek	Small waterway	3	Moderate	1	Very high	1	1
	581	Low	Low	2	Operational	26	Upper Tamaki River	5 Johnson Road	5 Johnson Road, Mt Wellington	1763131	5912975		Separate	Unnamed stream (Mt Wellington)	Small waterway	3	Very Low	3	Very Low	1	2
DPSYL	582	Low	Low	1	Operational	24	Mangere	Sylvia Park Wastewater Pump Station	1018 Sylvia Station, Otahuhu	1763253	5911955	> 8 hours	Separate	Ann's Creek	Estuary	3	Very Low	1	Very Low	1	2
	583	Low	Low	2	Operational	26	Upper Tamaki River	18 Skinner Road	18 Skinner Road, Mt Wellington	1762944	5913171		Separate	Unnamed stream (Mt Wellington)	Small waterway	3	Very Low	3	Very Low	1	2
	584	Low	Low	2	Operational	26	Upper Tamaki River	14 Skinner Road	14 Skinner Road, Mt Wellington	1762952	5913248		Separate	Unnamed stream (Mt Wellington)	Small waterway	3	Very Low	3	Very Low	1	2
	586	Low	Low	2	Operational	22	Hobson Bay	39 Manawa Road	36 Manawa Road, Remuera	1760848	5918189		Combined	Remuera Stream	Small waterway	3	Very Low	1	High	1	1
	587	Low	High	2	Operational	22	Hobson Bay	24 Manawa Road	26 Manawa Road, Remuera	1760707	5918208		Combined	Remuera Stream	Small waterway	3	Moderate	1	Very high	1	1
	588	Medium	High	2	Operational	22	Hobson Bay	24 Mahor Avenue	26 Mahor Avenue, Remuera	1760659	5917998		Combined	Remuera Stream	Small waterway	3	Moderate	1	Very high	1	1

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	593	Low	Low	2	Operational	21	Central Auckland (CBD)	31 Cheshire Terrace	31 Cheshire Terrace, Parnell	1758606	5919740		Unknown	Waitemata Harbour - CBD Edge	Harbour	2	Very Low	3	Very Low	1	1
	596	High	High	2	Operational	25	Lower Tamaki River	197-209 Taniwha Street	197-209 Taniwha Street, Point England	1765544	5917114		Separate	Omaru Creek	Small waterway	2	Very high	3	Moderate	1	1
DPABB	598	Low	Low	1	Operational	22	Hobson Bay	Abbotts Way Wastewater Pump Station	76 Abbotts Way, Remuera	1761947	5916064	4 - 8 hours	Unknown	Waiatarua Reserve Stream	Small waterway	3	Very Low	3	Very Low	2	1
DPATK	602	Low	Low	1	Operational	22	Hobson Bay	Atkin Avenue Wastewater Pump Station	21 Atkin Avenue, MIssion Bay	1763032	5920278	> 8 hours	Unknown	Unnamed stream - Mission Bay	Small waterway	3	Very Low	3	Very Low	1	1
DPAVE	603	Low	Low	1	Operational	22	Hobson Bay	Averill Avenue Wastewater Pump Station	4 Averill Avenue, Kohimaramara	1764246	5920135	1 - 4 hours	Unknown	Kohimarama Beach	Beach	1	Low	2	Very Low	1	1
DPBJD	604	Low	Low	1	Operational	23	Onehunga	Ben James Drive Wastewater Pump Station	2 Ben James Drive, Hillsborough	1755800	5911474	1 - 4 hours	Unknown	Unnamed stream (flowing to Wesley Bay)	Small waterway	2	Moderate	2	Moderate	1	1
DPCSR	605	Low	Low	1	Operational	23	Onehunga	Captain Springs Road Wastewater Pump Station	249 Captain Station, Onehunga	1760412	5911772	> 8 hours	Unknown	Mangere Inlet North	Basin	2	Low	1	Low	1	2
DPCLY	606	Low	Low	1	Operational	36	Western Isthmus (CI)	Connolly Avenue Wastewater Pump Station	14 Connolly Station, Mount Roskill	1756364	5914640	> 8 hours	Unknown	To land							
DPRB1	607	Low	Low	1	Operational	18	Whau River	Rosebank Road 1 Wastewater Pump Station	407 Rosebank Road, Avondale	1749684	5917070	4 - 8 hours	Unknown	Waterview Embayment	Basin	2	Low	1	Low	1	1
DPCOW	608	Low	Low	1	Operational	36	Western Isthmus (CI)	Cowley Street Wastewater Pump Station	15 Cowley Station, Waterview	1751814	5917723	> 8 hours	Unknown	To land							
DPEND	609	Low	Low	1	Operational	18	Whau River	Endeavour Street Wastewater Pump Station	69-79 Endeavour Station, Blockhouse Bay	1751453	5911636	> 8 hours	Unknown	Blockhouse Bay	Beach	1	Low	2	Very Low	1	1
DPGIL	611	Low	Low	1	Operational	22	Hobson Bay	Gillies Avenue Wastewater Pump Station	200 - 2 Gillies Station, Epsom	1757854	5916212	4 - 8 hours	Unknown	Unknown	0	0		0		0	0
DPKRA	612	Low	Low	1	Operational	25	Lower Tamaki River	Karaka Bay Wastewater Pump Station	22 Karaka Station, Glendowie	1767328	5920151	> 8 hours	Unknown	Karaka Bay	Beach	1	Low	2	Very Low	1	1
DPGRA	613	Low	Low	1	Operational	22	Hobson Bay	Grand Drive Wastewater Pump Station	31 Grand Drive, Remuera	1762261	5916282	> 8 hours	Unknown	Waiatarua Reserve Stream	Small waterway	3	Very Low	3	Very Low	2	1
DPHIM	615	Low	Low	1	Operational	23	Onehunga	Himalaya Crescent Wastewater Pump Station	12 Himalaya Crescent, Lynfield	1752881	5911134	4 - 8 hours	Unknown	Manukau Harbour edge (between Lynfield Cove and Wattle Bay)	Harbour	3	Very Low	1	Very Low	2	2

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DPWTB	616	Low	Medium	1	Operational	36	Western Isthmus (CI)	Waterbank Crescent Wastewater Pump Station	53 WAterbank Crescent, Waterview	1751562	5917766	4 - 8 hours	Unknown	Lower Oakley Creek	Estuary	3	Very Low	1	Low	1	1
DPHS1	617	Low	Low	1	Operational	18	Whau River	Holly Street 1 Wastewater Pump Station	72C Holly Street, Avondale	1750812	5916355	1 - 4 hours	Unknown	Waterview Embayment	Basin	2	Low	1	Low	1	1
DPHS2	618	Low	Low	1	Operational	18	Whau River	Holly Street 2 Wastewater Pump Station	107 Holly Street, Avondale	1750568	5916407	> 8 hours	Unknown	Waterview Embayment	Basin	2	Low	1	Low	1	1
DPJRP	620	Low	Low	1	Operational	22	Hobson Bay	John Rymer Place Wastewater Pump Station	64 John Rhymer Place, Kohimaramara	1763816	5918478	4 - 8 hours	Unknown	Purewa Stream	Small waterway	3	Very Low	2	Moderate	2	1
DPKEY	621	Low	Low	1	Operational	18	Whau River	Kenley Place Wastewater Pump Station	22 Kenley Place, Avondale	1749236	5915985	1 - 4 hours	Unknown	Whau River Estuary	Estuary	2	Very Low	1	Very Low	1	1
DPLEW	622	Low	Low	1	Operational	18	Whau River	Lewis Street Wastewater Pump Station	56 Lewis Station, Blockhouse Bay	1752015	5912008	> 8 hours	Unknown	Blockhouse Bay	Beach	1	Low	2	Very Low	1	1
DPMAC	624	Low	Low	1	Operational	20	Coxs Bay	Masefield Avenue Wastewater Pump Station	1f Masefield Avenue, Herne Bay	1755037	5921442	> 8 hours	Unknown	Home Bay	Beach	1	Low	2	Very Low	1	1
DPMED	625	Low	Low	1	Operational	18	Whau River	Mead Street Wastewater Pump Station	38 Mead Street, Avondale	1749709	5916482	1 - 4 hours	Unknown	Whau River Estuary	Estuary	2	Very Low	1	Very Low	1	1
DPMEA	626	Low	Low	1	Operational	22	Hobson Bay	Meadowbank Road Wastewater Pump Station	83 Meadowbank Road, Meadowbank	1762527	5917774	> 8 hours	Unknown	Meadowbank Stream East	Small waterway	3	Very Low	3	Very Low	2	1
DPMLA	627	Low	Low	1	Operational	20	Coxs Bay	Meola Road Wastewater Pump Station	190 Meola Station, Point Chevalier-westmere	1752953	5919416	1 - 4 hours	Unknown	Motions Creek Estuary	Estuary	2	Very Low	2	Very Low	1	1
DPPNA	628	Low	Low	1	Operational	26	Upper Tamaki River	Panama Road Wastewater Pump Station	350 Panama Road, Mount Wellington	1765642	5911484	4 - 8 hours	Unknown	Otahuhu Creek	Estuary	3	Very Low	2	Very Low	1	2
DPPKI	629	Low	Low	1	Operational	18	Whau River	Patiki Road Wastewater Pump Station	100 Patiki Road, Avondale	1748419	5918548	4 - 8 hours	Unknown	Whau River Estuary	Estuary	2	Very Low	1	Very Low	1	1
DPPEN	630	Low	Low	1	Operational	26	Upper Tamaki River	Penrose Road Wastewater Pump Station	184 Penrose Road, Mount Wellington	1763031	5913878	4 - 8 hours	Unknown	To land							
DPPUR	632	Low	Medium	1	Operational	22	Hobson Bay	Purewa Road Wastewater Pump Station	1 Purewa Station, Meadowbank	1762111	5918436	1 - 4 hours	Unknown	To land							
DPRID	633	Low	Low	1	Operational	25	Lower Tamaki River	Riddell Road Wastewater Pump Station	417 Ridell Road, St Heliers. In dry well.	1767698	5919689	4 - 8 hours	Unknown	Riddell Road Beach	Beach	2	Low	2	Very Low	2	2

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DPRB2	634	Low	Low	1	Operational	18	Whau River	Rosebank Road 2 Wastewater Pump Station	591 Rosebank Road, Avondale	1749015	5917538	4 - 8 hours	Unknown	Waterview Embayment	Basin	2	Low	1	Low	1	1
DPSAR	636	Low	Low	1	Operational	20	Coxs Bay	Sarsfield Street Wastewater Pump Station	91 Sarsfield Station, Herne Bay	1754600	5921267	4 - 8 hours	Unknown	Home Bay	Beach	1	Low	2	Very Low	1	1
DPSY2	640	Low	Low	1	Operational	23	Onehunga	Sylvania Crescent 2 Wastewater Pump Station	42 Sylvania Crescent, Lynfield	1753386	5910832	> 8 hours	Unknown	Manukau Harbour edge (between Lynfield Cove and Wattle Bay)	Harbour	3	Very Low	1	Very Low	2	2
DPSTH	641	Medium	Medium	1	Operational	22	Hobson Bay	St Heliers Wastewater Pump Station	92 St Station, Parnell-st Heliers	1765393	5920063	4 - 8 hours	Unknown	St Heliers Bay	Beach	1	High	2	Moderate	1	1
DPTAM	642	Low	Low	1	Operational	22	Hobson Bay	Tamaki Drive Wastewater Pump Station	Parnell	1764684	5920029	> 8 hours	Unknown	Madill's Stream	Small waterway	2	Moderate	2	Moderate	1	1
DPTYC	643	Low	Low	1	Operational	22	Hobson Bay	Tamaki Yacht Club Wastewater Pump Station	Club, Parnell	1762666	5920862	> 8 hours	Unknown	Tamaki Yacht Club	Beach	1	Low	2	Very Low	1	1
DPTIM	644	Low	Low	1	Operational	18	Whau River	Timothy Place Wastewater Pump Station	Avondale	1748468	5917464	> 8 hours	Unknown	Whau River Estuary	Estuary	2	Very Low	1	Very Low	1	1
DPTAH	648	Low	Low	1	Operational	26	Upper Tamaki River	Tahatai Street Wastewater Pump Station	172 Tahatai Station, Otahuhu	1764668	5909033	4 - 8 hours	Unknown	Upper Tamaki River (Middlemore Arm)	Estuary	3	Very Low	2	Very Low	1	1
DPWA1	650	Low	Low	1	Operational	36	Western Isthmus (CI)	Walker Road 1 Wastewater Pump Station	100 Walker Road, Point Chevalier	1751405	5918363	> 8 hours	Unknown	Walker Road	Freshwater Wetlands	3	Very Low	1	Moderate	2	1
DPWEB	652	Low	Low	1	Operational	20	Coxs Bay	Webber Street Wastewater Pump Station	38 Webber Street, Westmere	1754174	5920100	> 8 hours	Unknown	Cox’s Creek	Small waterway	3	Very Low	2	Moderate	1	1
DPWBG	653	Low	Low	1	Operational	23	Onehunga	Wesley Bay Glade Wastewater Pump Station	6 Wesley Bay Glade, HIllsborough	1755705	5911244	1 - 4 hours	Unknown	Unnamed stream (flowing to Wesley Bay)	Small waterway	2	Moderate	2	Moderate	1	1
DPESM	656	Low	Low	1	Operational	18	Whau River	Esmeralda Avenue Wastewater Pump Station	50 Esmerelda Avenue, Avondale	1749318	5916633	1 - 4 hours	Unknown	Whau River Estuary	Estuary	2	Very Low	1	Very Low	1	1
DPONR	657	Low	Low	1	Operational	30	Oneroa	Oneroa Waiheke Wastewater Pump Station	18 Oneroa Station, Oneroa	1779483	5927363	> 8 hours	Unknown	Oneroa Beach	Beach	1	Low	2	Very Low	1	1
DPFRN	658	Medium	Medium	1	Operational	21	Central Auckland (CBD)	Farnham Street Wholesale Wastewater Pump Station	13-17 Farnham Station, Parnell	1758878	5920106	> 8 hours	Unknown	Waitemata Harbour - CBD Edge	Harbour	2	Moderate	3	Very Low	1	1

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DPFAN	659	Low	Low	1	Operational	21	Central Auckland (CBD)	Fanshawe Street Wholesale Wastewater Pump Station	120 Fanshawe Station, Auckland Central	1756748	5920737	4 - 8 hours	Unknown	Waitemata Harbour - CBD Edge	Harbour	2	Very Low	3	Very Low	1	1
DPHOW	662	Low	Low	1	Operational	27	Cockle Bay	Howick Wholesale Wastewater Pump Station	3 to outfall at beach headland to Waitemata Harbour.	1773589	5915082	1 - 4 hours	Separate	Howick Beach	Beach	1	Low	1	Very Low	1	1
DPKOH	663	Medium	Medium	1	Operational	22	Hobson Bay	Kohimarama Wholesale Wastewater Pump Station	6 to creek in Madills Farm reserve to Waitemata Harbour.	1764582	5919662	1 - 4 hours	Separate	Madill's Stream	Small waterway	2	High	2	High	1	1
DPFAV	664	Low	Low	1	Operational	24	Mangere	Favona Road Wholesale Wastewater Pump Station	137 Favona Station, Favona	1761120	5908712	1 - 4 hours	Separate	Harania Creek	Estuary	3	Very Low	2	Very Low	1	2
DPHIN	667	High	Medium	1	Operational	26	Upper Tamaki River	Pakuranga Wholesale Wastewater Pump Station	13 Millen Ave, Pakuranga. Pump station inlet MH to Tamaki River.	1765816	5913225	< 1 hour	Combined	Upper Tamaki River	Estuary	1	High	1	High	1	1
DPONE	668	Medium	Medium	1	Operational	23	Onehunga	Hillsborough Wholesale Wastewater Pump Station	10 to storm water drain to Manukau Harbour.	1758511	5911748	1 - 4 hours	Separate	Onehunga Bay	Beach	1	High	2	Moderate	1	1
DPSMT	669	Low	Low	1	Operational	23	Onehunga	Mt Smart Wholesale Wastewater Pump Station	343 Neilson Street, Te Papapa. Pump station inlet MH to storm water drain in road to Manukau Harbour.	1761401	5911912	< 1 hour	Separate	Mangere Inlet North	Basin	2	Low	1	Low	1	2
DPSPK	670	Medium	Medium	1	Operational	26	Upper Tamaki River	Sylvia Park Wholesale Wastewater Pump Station	20 Sylvia Station, Mount Wellington	1764880	5912820	< 1 hour	Separate	Upper Tamaki River	Estuary	1	Moderate	1	Moderate	1	1
DPWTF	672	Low	Low	1	Operational	24	Mangere	Westfield Wholesale Wastewater Pump Station	791-793 Westfield Station, Penrose	1762920	5911492	1 - 4 hours	Unknown	Ann’s Creek	Estuary	3	Very Low	1	Very Low	1	2
DPTIN	673	Medium	Low	1	Operational	26	Upper Tamaki River	Tamaki East Wholesale Wastewater Pump Station	207 Highbrook Drive, East Tamaki. Pump station inlet MH to Tamaki River.	1765968	5910094	1 - 4 hours	Separate	Upper Tamaki River	Estuary	1	Low	1	Low	1	1
DPPPT	674	Low	Low	1	Operational	23	Onehunga	Pikes Point Wholesale Wastewater Pump Station	5A Pikes Station, Te Papapa	1760896	5911494	1 - 4 hours	Separate	Unnamed stream (Miami Parade)	Small Waterway	3	Very Low	3	Very Low	2	2

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DPBOT	675	Low	Medium	1	Operational	26	Upper Tamaki River	Botany Wholesale Wastewater Pump Station	107 Botany Station, Howick	1769682	5911806	1 - 4 hours	Separate	Pakuranga Creek	Estuary	3	Very Low	1	Low	1	1
DPPKS	676	Low	Low	1	Operational	26	Upper Tamaki River	Pakuranga South Wholesale Wastewater Pump Station	51 Pakuranga Station, Pakuranga Heights	1769184	5912560	1 - 4 hours	Separate	Pakuranga Creek	Estuary	3	Very Low	1	Very Low	1	1
DPTRC	677	High	Medium	1	Operational	24	Mangere	Black Bridge Wholesale Wastewater Pump Station	6 Black Station, Mangere Bridge	1759480	5908505	1 - 4 hours	Separate	Tararata Creek	Small waterway	3	Low	2	High	1	1
DPMGB	678	Low	Low	1	Operational	24	Mangere	Mangere Bridge Wholesale Wastewater Pump Station	7D Mangere Station, Mangere	1758869	5910282	1 - 4 hours	Separate	Ambury Shoreline	Beach	1	Low	1	Very Low	1	1
DPONT	679	Low	Medium	1	Operational	23	Onehunga	Onehunga Wholesale Wastewater Pump Station	5 to storm water outlet Neilson St to Manukau Harbour.	1759926	5911752	1 - 4 hours	Combined	Mangere Inlet North	Basin	2	Moderate	1	Moderate	1	2
DPOTW	680	Low	Low	1	Operational	24	Mangere	Otahuhu West Wholesale Wastewater Pump Station	20 Otahuhu Station, Otahuhu	1763311	5910003	1 - 4 hours	Separate	Tui Creek	Small waterway	3	Very Low	2	Moderate	2	2
DPENG	681	High	High	1	Operational	25	Lower Tamaki River	Pt England Wholesale Wastewater Pump Station	8 Glendowie Branch to Omaru creek to Tamaki river.	1766596	5916759	1 - 4 hours	Combined	Omaru Creek	Small waterway	2	Very high	3	Moderate	1	1
DPGND	682	High	Medium	1	Operational	25	Lower Tamaki River	Glendowie Wholesale Wastewater Pump Station	22 Roberta Avenue, Glendowie. Pump station storage tank to tidal creek to Tamaki river.	1767404	5918598	1 - 4 hours	Separate	Glendowie Stream	Small waterway	3	Low	3	Low	2	1
DPOTB	683	Low	Low	1	Operational	26	Upper Tamaki River	Otara Wholesale Wastewater Pump Station	2 to Tamaki River.	1764926	5908728	1 - 4 hours	Separate	Upper Tamaki River (Middlemore Arm)	Estuary	3	Very Low	2	Very Low	1	1
DPMID	684	Medium	Medium	1	Operational	26	Upper Tamaki River	Middlemore Wholesale Wastewater Pump Station	5 to creek to Tamaki River.	1764297	5907411	1 - 4 hours	Separate	Upper Tamaki River (Middlemore Arm)	Estuary	3	Very Low	2	Moderate	1	1
DPPUH	685	Low	Low	1	Operational	28	Puhinui	Puhinui Wholesale Wastewater Pump Station	19-21 Puhinui Station, Manukau	1764676	5903778	> 8 hours	Separate	Puhinui Stream	Large waterway	2	Very Low	2	Very Low	1	1
DPSIN	686	Low	Low	1	Operational	29	Pahurehure Inlet	PS 84 Manurewa South	1 PS South, Conifer Grove	1769015	5898534	1 - 4 hours	Separate	Papakura Stream	Large waterway	3	Very Low	2	Very Low	1	1

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DPMAW	687	Low	Low	1	Operational	29	Pahurehure Inlet	Manurewa West Wholesale Wastewater Pump Station	283R Mahia Road, Maurewa. Pump station storage tank to tidal creek to Manukau Harbour.	1766639	5899262	1 - 4 hours	Separate	Waimahia Creek	Estuary	2	Very Low	2	Very Low	1	1
DPPPW	688	Low	Low	1	Operational	28	Puhinui	Papatoetoe Wholesale Wastewater Pump Station	51 HIllside Road, Papatoetoe. Pump station inlet MH to creek to Manukau Harbour.	1764021	5905306	< 1 hour	Separate	Unnamed stream near Hillside Rd	Small waterway	3	Very Low	2	Moderate	1	2
DPWYN	689	Low	Low	1	Operational	28	Puhinui	Weymouth North Wholesale Wastewater Pump Station	54R Weymouth Station, Clendon	1765208	5899792	4 - 8 hours	Separate	Puhinui Creek	Estuary	2	Very Low	1	Very Low	1	1
DPFLN	690	Low	Low	1	Operational	17	Henderson Creek	Western Wholesale Wastewater Pump Station	143 Flanshaw Road, Te Atatu South. Pump station inlet MH to Henderson creek to Waitemata Harbour.	1746336	5920116	1 - 4 hours	Separate	Henderson Creek (southern arm)	Estuary	2	Very Low	1	Very Low	1	1
DPTEA	691	Low	Low	1	Operational	17	Henderson Creek	Te Atatu Central Wholesale Wastewater Pump Station	415a Te Station, Te Atatu Peninsula	1747461	5920317	4 - 8 hours	Separate	Harbourview Beach	Beach	2	Low	1	Very Low	2	2
DPTEN	692	Low	Low	1	Operational	17	Henderson Creek	Te Atatu North Wholesale Wastewater Pump Station	71 Te Station, Te Atatu Peninsula	1747405	5922789	4 - 8 hours	Separate	Estuary at Orukuwai Point	Estuary	3	Very Low	1	Very Low	2	1
DPLNG	693	Low	Low	1	Operational	19	Laingholm	Laingholm Wholesale Wastewater Pump Station	Laingholm Drive, Laingholm. Pump station storage tank to Little Muddy creek to Manukau Harbour.	1745818	5908907	4 - 8 hours	Separate	Waiohua Creek	Estuary	3	Very Low	1	Very Low	1	1
DPWDB	694	Low	Low	1	Operational	19	Laingholm	Wood Bay Wholesale Wastewater Pump Station	Wood Bay Reserve,Wood Bay. Pump station inlet MH to filter bed to storm water drain Wood Bay to Manukau Harbour.	1748238	5910044	4 - 8 hours	Combined	Wood Bay	Beach	1	Low	2	Very Low	1	1
DPWIN	695	High	Medium	1	Operational	18	Whau River	St George Wholesale Wastewater Pump Station	25 to Whau creek to Waitemata Harbour.	1750801	5914066	< 1 hour	Combined	Whau Creek	Small waterway	3	Low	1	Very high	1	1

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DPORM	696	Low	Low	1	Operational	22	Hobson Bay	Orakei Wholesale Wastewater Pump Station	9 Orakei Station, Orakei	1761744	5919995	4 - 8 hours	Combined	Okahu Bay	Beach	1	Low	2	Very Low	1	1
DPOSN	698	Low	Low	1	Operational	26	Upper Tamaki River	Ormiston Rd Wastewater Pump Station	21 Ormiston Station, East Tamaki	1769082	5907756	4 - 8 hours	Separate	Unnamed tributary of Otara Creek (east)	Small waterway	3	Very Low	2	Moderate	1	1
DPWPA	699	Low	Low	1	Operational	20	Coxs Bay	Westmere Park Wholesale Wastewater Pump Station	corner of the park at the end of Westmere Park Avenue, Westmere. MH at pump station to beach to Waitemata Harbour.	1752884	5920125	4 - 8 hours	Unknown	Motions Creek Estuary	Estuary	2	Very Low	2	Very Low	1	1
DPWNU	700	Low	Low	1	Operational	36	Western Isthmus (CI)	Wainui Avenue Wholesale Wastewater Pump Station	76 Wainui Ave to estuary to Waitemata Harbour.	1752412	5919315	> 8 hours	Separate	Meola Creek Mouth	Estuary	1	Very Low	2	Very Low	1	1
DPOLV	701	Low	Low	1	Operational	36	Western Isthmus (CI)	Oliver Road Wholesale Wastewater Pump Station	17 Oliver Station, Point Chevalier	1752143	5919822	4 - 8 hours	Unknown	Meola Creek Mouth	Estuary	1	Very Low	2	Very Low	1	1
DPHRB	702	Low	Low	1	Operational	36	Western Isthmus (CI)	Harbour View Road Wholesale Wastewater Pump Station	10B Harbour View Road, Point Chevalier. MH at pump station to beach to Waitemata Harbour.	1751539	5919424	4 - 8 hours	Unknown	Raymond Reserve	Beach	1	Low	2	Very Low	2	1
DPWRI	703	Low	Low	1	Operational	36	Western Isthmus (CI)	Wright Road Wholesale Wastewater Pump Station	47 Wright Station, Point Chevalier	1751482	5919097	4 - 8 hours	Unknown	Coast near Wright Road	Beach	1	Low	2	Very Low	2	1
DPSHO	704	Low	Low	1	Operational	22	Hobson Bay	Shore Road Wholesale Wastewater Pump Station	13 Shore Station, Remuera	1759479	5918598	4 - 8 hours	Unknown	Unnamed stream in Thomas Bloodworth Park	Small waterway	2	Moderate	2	Moderate	1	1
DPLYF	705	Low	Low	1	Operational	23	Onehunga	Lynfield Wholesale Wastewater Pump Station	21 Lynfield Station, Lynfield	1753044	5912078	< 1 hour	Unknown	Wairaki Stream	Small Waterway	2	Moderate	2	Moderate	2	1
DPDNK	706	High	High	1	Operational	25	Lower Tamaki River	Dunkirk Wholesale Wastewater Pump Station	192a Dunkirk Road, Panmure. Pump station storage tank to drain to Tamaki River.	1766357	5915647	1 - 4 hours	Unknown	Lower Tamaki River	Estuary	2	Very high	1	Very high	1	1

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DPPAB	707	Low	Low	1	Operational	25	Lower Tamaki River	Panmure Basin Wholesale Wastewater Pump Station	100 Ireland Road, Panumre. ACC reticulation system to Panmure Bason to Tamaki river.	1764476	5914251	4 - 8 hours	Separate	Panmure Basin	Basin	2	Low	1	Low	1	1
DPWYM	708	Low	Low	1	Operational	29	Pahurehure Inlet	Weymouth Wholesale Wastewater Pump Station	29R Weymouth Station, Weymouth	1765896	5897957	1 - 4 hours	Separate	Hazards Road Foreshore	Beach	1	Low	2	Very Low	1	1
DSB01A	709	Medium	Medium	2	Operational	22	Hobson Bay	Branch 1A Remuera MH1	2-56 Branch MH1, Tamaki Drive	1762143	5920335		Unknown	Okahu Bay	Beach	1	High	2	Moderate	1	1
DSB03	711	Low	Low	2	Operational	22	Hobson Bay	Branch 3 Newmarket MH29	500 Branch MH29, New Market	1758396	5917486		Combined	Newmarket Stream	Small waterway	3	Very Low	2	Moderate	1	1
DSB05	712	High	High	2	Operational	21	Central Auckland (CBD)	Branch 5 Herne Bay MH2A	Freemans Bay	1756096	5920479		Combined	Waitemata Harbour - CBD Edge	Harbour	2	Very high	3	Moderate	1	1
DSB06	713	Low	Medium	2	Operational	20	Coxs Bay	Branch 6 Cox Creek MH2	14 Parawai Crescent, Ponsonby	1754438	5920015		Combined	Cox's Creek	Small waterway	3	Low	2	High	1	1
DSB06	714	Medium	High	2	Operational	20	Coxs Bay	Branch 6 Cox Creek MH11	318 Branch MH11, Herne Bay	1753840	5920394		Combined	Cox's Bay	Beach	2	Very high	2	High	1	1
DSB07	715	High	High	2	Operational	20	Coxs Bay	Branch 7 Arch Hill MH1	99 Branch MH1, Western Springs	1753485	5919068		Combined	Motions Creek	Small waterway	2	Very high	2	Very high	1	1
DSB07	716	Low	Low	2	Operational	36	Western Isthmus (CI)	Branch 7 Arch Hill MH22	Western Springs	1754196	5918275		Combined	Upper Motions Creek	Small Waterway	3	Very Low	1	High	1	1
DSB07	717	Low	Low	2	Operational	36	Western Isthmus (CI)	Branch 7 Arch Hill MH42C	Kingsland	1755887	5918429		Combined	Upper Motions Creek	Small Waterway	3	Very Low	1	High	1	1
DSB07	718	Low	Low	2	Operational	36	Western Isthmus (CI)	Branch 7 Arch Hill MH44	Buchanan St, Kingsland	1755991	5918534		Combined	Upper Motions Creek	Small Waterway	3	Very Low	1	High	1	1
DSB07	719	Low	Medium	2	Operational	36	Western Isthmus (CI)	Branch 7 Arch Hill MH46	Alexander Street, Kingsland	1756045	5918590		Combined	Upper Motions Creek	Small Waterway	3	Low	1	Very high	1	1
DSB07	720	Low	Low	2	Operational	36	Western Isthmus (CI)	Branch 7 Arch Hill MH48	Haslett St, Eden Terrace	1756146	5918702		Combined	Upper Motions Creek	Small Waterway	3	Very Low	1	High	1	1
DSB07	721	Low	Low	2	Operational	36	Western Isthmus (CI)	Branch 7 Arch Hill MH49	Haslett Street, Eden Terrace	1756154	5918711		Combined	Upper Motions Creek	Small Waterway	3	Very Low	1	High	1	1
DSB07	722	Low	Low	2	Operational	36	Western Isthmus (CI)	Branch 7 Arch Hill MH52	Sufflok Street, Eden Terrace	1756368	5918861		Combined	Upper Motions Creek	Small Waterway	3	Very Low	1	High	1	1
DSB08	723	Low	Low	2	Operational	36	Western Isthmus (CI)	Branch 8 Mt Albert MH2	46 Parkdale Rd, Mt Albert	1752875	5917665		Combined	Meola Creek (Rawalpindi)	Large Waterway	3	Very Low	2	Very Low	2	1
DSB08	724	High	High	2	Operational	36	Western Isthmus (CI)	Branch 8 Mt Albert MH3	46 Parkdale Rd, Mt Albert	1752886	5917666		Combined	Meola Creek (Rawalpindi)	Large Waterway	3	Moderate	2	Moderate	2	1
DSB08	725	High	High	2	Operational	36	Western Isthmus (CI)	Branch 8 Mt Albert MH6	21 Verona Ave, New Lynn	1753191	5917720		Combined	Meola Creek (Rawalpindi)	Large Waterway	3	Moderate	2	Moderate	2	1
DSB08	726	Low	High	2	Operational	36	Western Isthmus (CI)	Branch 8 Mt Albert MH18	War Memorial Reserve,near Wairere Avenue entrance	1753675	5917190		Combined	Meola Creek (Rawalpindi)	Large Waterway	3	Low	2	Moderate	2	1

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DSB08	727	Low	Low	2	Operational	36	Western Isthmus (CI)	Branch 8 Mt Albert MH30	97 Havestock Road, Sandringham	1754080	5915982		Combined	Meola Creek (Haverstock Road)	Small Waterway	3	Very Low	2	Moderate	2	1
DSB08	728	High	High	2	Operational	36	Western Isthmus (CI)	Branch 8 Mt Albert MH31	93 Haverstock Road, Sandringham	1754096	5915954		Combined	Meola Creek (Haverstock Road)	Small Waterway	3	Moderate	2	Very high	2	1
DSB03B	730	Medium	High	2	Operational	22	Hobson Bay	Branch 3B Newmarket MH2	Road /Bridgewater Road, Parnell	1759388	5920131		Combined	Judges Bay	Basin	1	Very high	1	Very high	1	1
DSORM	732	High	High	2	Operational	36	Western Isthmus (CI)	Orakei Main Sewer MH38	Point Chavalier	1753068	5918721		Combined	Lower Meola Creek	Large Waterway	2	Very high	2	Moderate	2	1
DSB03C	733	High	High	2	Operational	22	Hobson Bay	Branch 3C Newmarket MH1	16 Branch MH1, Remuera	1758759	5918397		Combined	Newmarket Stream	Small waterway	3	Moderate	2	Very high	1	1
DSEDB	734	High	High	2	Operational	36	Western Isthmus (CI)	Edendale Branch MH1	Mornign Star Place (off Saint Lukes Road), next to Meola Creek	1754148	5916652		Combined	Meola Creek (Lyon Avenue)	Small Waterway	2	Very high	1	Very high	2	1
DSORM	735	Low	Medium	2	Operational	21	Central Auckland (CBD)	Orakei Main Sewer MH19A	20 Orakei A, Parnell	1758080	5919837		Combined	Waitemata Harbour - CBD Edge	Harbour	2	Low	3	Very Low	1	1
DSORM	736	Medium	High	2	Operational	36	Western Isthmus (CI)	Orakei Main Sewer MH51A	1500-1510 Orakei A, Waterview	1751768	5916936		Combined	Oakley Creek (Oakley Creek Walkway)	Large Waterway	2	Very high	1	High	1	1
DSB04B	737	Low	Low	2	Operational	21	Central Auckland (CBD)	Branch 4B Hardings Street MH2A	41 Branch A, Auckland Central	1757500	5920547		Combined	Waitemata Harbour - CBD Edge	Harbour	2	Very Low	3	Very Low	1	1
DSORM	738	Low	Low	2	Operational	20	Coxs Bay	Orakei Main Sewer MH31	254 Orakei MH31, Grey Lynn	1754481	5919908		Combined	Cox's Creek	Small waterway	3	Very Low	2	Moderate	1	1
DSB08	739	High	High	2	Operational	36	Western Isthmus (CI)	Branch 8 Mt Albert MH7	17c Branch MH7, Mount Albert	1753224	5917728		Combined	Meola Creek (Rawalpindi)	Large Waterway	3	Moderate	2	Moderate	2	1
DSB05	740	High	High	2	Operational	20	Coxs Bay	Branch 5 Herne Bay MH23	49 Branch MH23, Herne Bay	1754226	5921014		Combined	Herne Bay	Beach	1	Very high	2	Very high	1	1
DSB05	741	Medium	High	2	Operational	20	Coxs Bay	Branch 5 Herne Bay MH25	22 Branch MH25, Herne Bay	1753816	5920806		Combined	Cox's Bay	Beach	2	Very high	2	High	1	1
DSB07A	742	Medium	High	2	Operational	36	Western Isthmus (CI)	Branch 7A MH1	33 School Rd, Kingsland	1754979	5918257		Combined	Upper Motions Creek	Small Waterway	3	Moderate	1	Very high	1	1
DSHLT	744	Low	Low	2	Operational	24	Mangere	Hellabys Trade Waste MH4	18-20 Hellabys MH4, Mount Wellington	1763054	5910871		Combined	Ann's Creek	Estuary	3	Very Low	1	Very Low	1	2
DSGLD	745	Low	Low	2	Operational	25	Lower Tamaki River	Glendowie Branch MH13	94 Glendowie MH13, Glen Innes	1766740	5917076		Combined	Omaru Creek	Small waterway	2	Moderate	3	Very Low	1	1
DSSIN	746	Low	Low	2	Operational	29	Pahurehure Inlet	Southern Interceptor MH93	14 Southern MH93, Takanini	1770983	5897881		Combined	Pahurehure Inlet Basin 1	Basin	3	Very Low	2	Low	1	2
DSOTD	747	Low	Low	2	Operational	26	Upper Tamaki River	Otahuhu East Diversion Branch MH4A	24 Otahuhu A, Otahuhu	1765012	5909255		Combined	Upper Tamaki River (Middlemore Arm)	Estuary	3	Very Low	2	Very Low	1	1
DSGLE	748	High	Medium	2	Operational	17	Henderson Creek	Glen Eden Branch MH16	53 Glen MH16, Glen Eden	1745917	5918448		Separate	Henderson Creek (southern arm)	Estuary	2	High	1	High	1	1

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DSSWN	749	Medium	Medium	2	Operational	17	Henderson Creek	Swanson Branch MH15	95 Riverpark Cres, Henderson	1744549	5920113		Combined	Huruhuru Creek	Estuary	2	Moderate	1	Moderate	2	1
DSOTN	751	Low	Low	2	Operational	26	Upper Tamaki River	Otahuhu North Branch MH12	32 Luke St, Otahuhu	1764660	5910533		Separate	Otahuhu Creek	Estuary	3	Very Low	2	Very Low	1	2
DSRSB	752	Low	Low	2	Operational	18	Whau River	Rosebank Siphon MH1A	30 Rosebank A, Avondale	1748357	5917248		Separate	Whau River Estuary	Estuary	2	Very Low	1	Very Low	1	1
DPTID	758	Low	Low	1	Operational	28	Puhinui	Mangere South East Wholesale Wastewater Pump Station	50 Tidal Road, Mangere. To Waokauri Creek.	1761966	5906038	1 - 4 hours	Separate								
DPHNG	759	Low	Low	1	Operational	29	Pahurehure Inlet	Drury/Hingaia Wholesale Wastewater Pump Station	158 Park Estate Road, near river	1772003	5893000	> 8 hours	Separate	Drury Creek	Estuary	2	Very Low	1	Very Low	2	2
DSB1H	760	Low	Low	2	Operational	22	Hobson Bay	Hobson DS Branch MH1	74-84 Hobson MH1, Hobson Bay	1760697	5918905		Unknown	Hobson Bay	Basin	2	Low	1	Low	1	1
DPPAL	790	Low	Medium	1	Operational	3	Warkworth	Palmer Wastewater Pump Station	44 Palmer Station, Warkworth	1748873	5970256	> 8 hours	Separate	Mahurangi River	Large waterway	2	Low	1	Moderate	1	1
DPARK	793	Low	Low	1	Operational	9	HBC-Whangaparaoa	Arkles Bay Wastewater Pump Station	300mm overflow pipe to a flap valve chamber then into Arkles pipe. Valve chamber will partly fill before overflow occurs..	1756363	5943642	4 - 8 hours	Separate	Arkles Bay Beach	Beach	1	Low	2	Very Low	1	1
DPBAY	794	Low	Medium	1	Operational	9	HBC-Whangaparaoa	Bay Street Wastewater Pump Station	45A Bay Station, Red Beach	1752443	5947837	4 - 8 hours	Separate	Unnamed stream flowing to Red Beach	Small waterway	3	Low	2	High	2	1
DPBLU	795	Low	Low	1	Operational	8	HBC-Weiti	Blue Gum Wastewater Pump Station	1 Blue Station, Silverdale	1750151	5945974	4 - 8 hours	Separate	Weiti River	Estuary	2	Very Low	2	Very Low	2	2
DPCHE	796	Low	Low	1	Operational	9	HBC-Whangaparaoa	Chelverton Wastewater Pump Station	Chelverton Reserve Chelverton Station, Red Beach	1753109	5947276	4 - 8 hours	Separate	Red Beach	Beach	1	Low	2	Very Low	1	1
DPCOO	797	Low	Low	1	Operational	9	HBC-Whangaparaoa	Cooper Wastewater Pump Station	200mm overflow pipe with solids trap discharges into stormwater outlet and then into Stanmore Bay beach. Valve chamber will partly fill before overflow occurs..	1754577	5945971	4 - 8 hours	Separate	Stanmore Bay Beach	Beach	1	Low	2	Very Low	1	1

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DPDUC	798	Low	Low	1	Operational	8	HBC-Weiti	Duck Creek Wastewater Pump Station	225mm overflow pipe with solids trap discharges into stormwater outlet and then into Weiti River.	1753512	5943950	4 - 8 hours	Separate	Weiti Estuary	Estuary	2	Very Low	1	Very Low	1	1
DPDUN	800	Low	Low	1	Operational	9	HBC-Whangaparaoa	Duncansby Wastewater Pump Station	150mm overflow pipe discharges overflows over the cliff and into the sea.	1753905	5946809	4 - 8 hours	Separate	Puawai Bay Beach	Beach	1	Low	2	Very Low	1	1
DPFOU	801	Low	Low	1	Operational	8	HBC-Weiti	Foundry Wastewater Pump Station	84 Foundry Station, Silverdale	1750481	5945927	> 8 hours	Separate	Weiti River	Estuary	2	Very Low	2	Very Low	2	2
DPGLG	802	Medium	Medium	1	Operational	9	HBC-Whangaparaoa	Glenelg Wastewater Pump Station	100mm dia PVC pipe into a nearby stormwater drain and then onto the beach.	1753327	5946967	4 - 8 hours	Separate	Puawai Bay Beach	Beach	1	High	2	Moderate	1	1
DPHAT	803	Low	Low	1	Operational	7	HBC-Orewa	Hatfields Beach Wastewater Pump Station	on western side of Hatfields Beach Domain. Upstream stormwater manhole, then discharges to Otanerua Stream.	1751471	5952039	4 - 8 hours	Separate	Otanerua stream	Small waterway	2	Moderate	2	Moderate	2	2
DPHBB	804	Low	Low	1	Operational	9	HBC-Whangaparaoa	Hobbs Bay Wastewater Pump Station	475mm overflow pipe to upstream manhole and is then contained in a waterway next to the marina used for irrigation. The overflow is fitted with solids trap..	1760277	5946490	1 - 4 hours	Separate	Laurie Southwick Parade Stream	Small waterway	3	Very Low	2	Moderate	2	1
DPHUR	805	Low	Low	1	Operational	9	HBC-Whangaparaoa	Hurdlow Wastewater Pump Station	9C Hurdlow Station, Stanmore bay	1756371	5945296	4 - 8 hours	Separate	Swann Beach	Beach	1	Low	2	Very Low	1	1
DPKKC	806	Low	Low	1	Operational	8	HBC-Weiti	Karaka Cove Wastewater Pump Station	37 Karaka Station, Red Beach	1752983	5946501	4 - 8 hours	Separate	Unnamed Stream (Karaka Cove)	Small waterway	2	Moderate	3	Very Low	2	2
DPLKE	807	Low	Low	1	Operational	7	HBC-Orewa	Lakeside Wastewater Pump Station	3 Lakeside Station, Orewa	1750555	5949169	> 8 hours	Separate	Orewa river estuary	Estuary	1	Very Low	1	Very Low	1	1

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DPLIT	808	Low	Low	1	Operational	9	HBC-Whangaparaoa	Little Manly Wastewater Pump Station	150mm overflow pipe with solids trap discharges over the cliff and on to Little Manly Beach. Valve chamber partly fills before overflow occurs..	1757667	5944064	4 - 8 hours	Separate	Little Manly Beach	Beach	1	Low	2	Very Low	1	1
DPMLY	809	Low	Low	1	Operational	9	HBC-Whangaparaoa	Manly Wastewater Pump Station	375mm overflow pipe into stormwater system and then onto the beach.	1757892	5945140	4 - 8 hours	Separate	Big Manly Beach	Beach	1	Low	2	Very Low	1	1
DPMIA	810	Low	Low	1	Operational	9	HBC-Whangaparaoa	Matakatia Wastewater Pump Station	34 Matakatia Station, Matakatia	1758535	5945370	4 - 8 hours	Separate	Matakatia Bay Beach	Beach	1	Low	2	Very Low	1	1
DPOKO	811	Low	Low	1	Operational	9	HBC-Whangaparaoa	Okoromai Wastewater Pump Station	94 Okoromai Station, Okoromai Bay	1761709	5947127	> 8 hours	Separate	Okoromai Bay Beach	Beach	1	Low	1	Very Low	1	1
DPPOP	812	Low	Low	1	Operational	8	HBC-Weiti	Poplar Wastewater Pump Station	150mm overflow pipe discharges over the grassed edge of the banks and into Weiti river. Valve chamber will partly fill before overflow occurs..	1753119	5945996	4 - 8 hours	Separate	Weiti Estuary	Estuary	2	Very Low	1	Very Low	1	1
DPPUA	813	Low	Low	1	Operational	9	HBC-Whangaparaoa	Puawai Wastewater Pump Station	24 Puawai Station, Red Beach	1753520	5946836	4 - 8 hours	Separate	Puawai Bay Beach	Beach	1	Low	2	Very Low	1	1
DPRVS	814	Low	Low	1	Operational	7	HBC-Orewa	Riverside Wastewater Pump Station	39 Riverside Station, Orewa	1751377	5949184	4 - 8 hours	Separate	Unnamed tributary of Orewa river estuary (east)	Estuary	3	Very Low	1	Very Low	1	1
DPSIE	815	Low	Low	1	Operational	9	HBC-Whangaparaoa	Siesta Wastewater Pump Station	26 Siesta Station, Gulf harbour	1759524	5947516	4 - 8 hours	Separate	Coal Mine Bay Beach	Beach	1	Low	2	Very Low	1	1
DPSTA	816	Low	Low	1	Operational	9	HBC-Whangaparaoa	Stanmore Wastewater Pump Station	177 Stanmore Station, Stanmore Bay	1755844	5945025	4 - 8 hours	Separate	Unnamed stream flowing to Stanmore Bay	Small waterway	3	Very Low	2	Moderate	2	1
DPSTW	817	Low	Low	1	Operational	8	HBC-Weiti	Stillwater Wastewater Pump Station	200mm overflow pipe with solids trap discharges into stormwater outlet and then into Weiti River.	1753777	5943819	4 - 8 hours	Separate	Weiti Estuary	Estuary	2	Very Low	1	Very Low	1	1
DPSWB	818	Low	Low	1	Operational	9	HBC-Whangaparaoa	Swann Beach Wastewater Pump Station	31 Swann Station, Stanmore Bay	1756260	5945606	4 - 8 hours	Separate	Swann Beach	Beach	1	Low	2	Very Low	1	1

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DPTER	819	Low	Low	1	Operational	7	HBC-Orewa	Terminal Wastewater Pump Station	2 Terminal Station, Orewa	1751841	5948263	4 - 8 hours	Separate	Orewa river estuary	Estuary	1	Very Low	1	Very Low	1	1
DPTDL	820	Low	Low	1	Operational	9	HBC-Whangaparaoa	Tindalls Wastewater Pump Station	450mm overflow pipe with solids trap discharges into the stormwater system and onto the beach..	1758411	5945990	1 - 4 hours	Separate	Tindalls Beach	Beach	1	Low	2	Very Low	1	1
DPWAD	821	Low	Low	1	Operational	8	HBC-Weiti	Wade Wastewater Pump Station	225mm overflow pipe with solids trap dsicharges directly into Weiti River.	1754566	5943378	4 - 8 hours	Separate	Weiti Estuary	Estuary	2	Very Low	1	Very Low	1	1
DPWEI	822	Low	Medium	1	Operational	8	HBC-Weiti	Weiti Wastewater Pump Station	on north side of point off the end of Foundry Road. Upstream stormwater manhole, then discharges to Weiti River.	1751093	5946091	> 8 hours	Separate	Weiti River	Estuary	2	Low	2	Low	2	2
DPFRA	825	Low	Low	1	Operational	34	Pukekohe	Franklin Road Wastewater Pump Station	Franklin Station, Pukekohe	1769246	5881820	1 - 4 hours	Separate	Unnamed tributary of Whangapouri Creek (Franklin Rd)	Small waterway	3	Very Low	2	Moderate	2	1
DPATL	826	Low	Low	1	Operational	14	Upper Harbour North	Atlas Wastewater Pump Station	8 Atlas Station, Rosedale	1769246	5931884	4 - 8 hours	Separate	Alexandra Stream	Small waterway	3	Very Low	1	High	2	1
	829	Low	Low	2	Operational	13	Shoal Bay	28 Waitemata Road	28 Waitemata Road, Hauraki	1758606	5925415		Separate	Shoal Bay	Estuary	2	Very Low	1	Very Low	1	1
DPLNO	830	Low	Low	1	Operational	13	Shoal Bay	Lake Northcote Wastewater Pump Station	14 Matanui St, Northcote. Incoming sewer then discharged to Onepoto Stream.	1755780	5924800	1 - 4 hours	Separate	Onepoto Stream	Estuary	3	Very Low	1	Very Low	1	1
	831	Low	Low	2	Operational	10	Long Bay	97 Awaruku Road	97 Awaruku Road, Long Bay	1755672	5937545		Separate	Awaruku Creek	Small Waterway	2	Moderate	2	Moderate	1	1
	832	Low	Low	2	Operational	10	Long Bay	47 Glenvar Road	47 Glenvar Road, Torbay	1755797	5937747		Separate	Awaruku Creek	Small Waterway	2	Moderate	2	Moderate	1	1
	834	Low	Medium	2	Operational	11	East Coast Bays	28 Penning Road	28 Penning Rd, Milford	1757130	5929535		Separate	Unnamed tributary of Wairau Creek	Small waterway	3	Low	2	High	2	1
	835	Low	Medium	2	Operational	11	East Coast Bays	3 Sidmouth Road	3 Sidmouth Rd, MairangiBay	1756665	5932586		Separate	Mairangi Bay Stream	Small waterway	3	Low	2	High	2	2
	836	Low	Medium	2	Operational	13	Shoal Bay	24 Patuone Place	24 Patuone Place, Devonport	1759907	5922974		Separate	Ngataringa Bay	Estuary	2	Low	1	Low	1	1
	837	Low	Low	2	Operational	13	Shoal Bay	10 Charles Street	10 Charles St, Takapuna	1757966	5925882		Separate	Shoal Bay	Estuary	2	Very Low	1	Very Low	1	1

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	838	Low	Medium	2	Operational	13	Shoal Bay	39 Kiwi Road	39 Kiwi Rd, Devonport	1759655	5922922		Separate	Ngataringa Bay	Estuary	2	Low	1	Low	1	1
	839	Low	Low	2	Operational	13	Shoal Bay	51 Plymouth Cres	51 Plymouth Cres, Devonport	1759069	5924212		Separate	Ngataringa Bay	Estuary	2	Very Low	1	Very Low	1	1
	840	Low	Low	2	Operational	13	Shoal Bay	44 William Bond Street	44 William Bond St, Devonport	1759519	5922963		Separate	Ngataringa Bay	Estuary	2	Very Low	1	Very Low	1	1
	841	Low	Low	2	Operational	13	Shoal Bay	14 Denby Lane	14 Denby Lane, Northcote Point	1755886	5924236		Separate	Onepoto Stream	Estuary	3	Very Low	1	Very Low	1	1
	842	Low	Low	2	Operational	13	Shoal Bay	48 Richmond Ave	48 Richmond Ave, Northcote Point	1755768	5924278		Separate	Onepoto Stream	Estuary	3	Very Low	1	Very Low	1	1
	843	Low	Low	2	Operational	13	Shoal Bay	52 Richmond Ave	52 Richmond Ave,Northcote	1755722	5924297		Separate	Onepoto Stream	Estuary	3	Very Low	1	Very Low	1	1
	844	Medium	High	2	Operational	15	Upper Harbour South	28 Gazelle Road	28 Gazelle Rd, Beach Haven	1750235	5927255		Separate	Hellyers Creek	Estuary	2	High	1	High	1	1
	846	Low	Low	2	Operational	13	Shoal Bay	26 Waratah Street	26 Waratah St, Birkenhead	1754165	5925196		Separate	Waiurutoa Stream	Small waterway	2	Moderate	1	High	1	1
	847	Low	Low	2	Operational	13	Shoal Bay	66 Stanley Point Road	66 Stanley Point Rd, Stanley Point	1758291	5922791		Separate	Ngataringa Bay	Estuary	2	Very Low	1	Very Low	1	1
	848	Low	Medium	2	Operational	12	Devonport-Takapuna	1 Old Lake Road	1 Old Lake Road, Narrow Neck	1760631	5924415		Separate	Narrow Neck Beach	Beach	1	Moderate	1	Low	1	1
DPSEA	849	Low	Low	1	Operational	13	Shoal Bay	Sea Breeze Wastewater Pump Station	375mm overflow pipe to concrete channel to Ngataringa Bay.	1760347	5924112	4 - 8 hours	Separate	Ngataringa Stream	Small waterway	2	Moderate	3	Very Low	2	1
	850	Low	Low	2	Operational	10	Long Bay	14 Battenburg Place	14 Battenburg Place, Torbay	1755476	5937398		Separate	Awaruku Creek	Small Waterway	2	Moderate	2	Moderate	1	1
	851	Low	Low	2	Operational	13	Shoal Bay	1 Kauri Glen Road	1 Kauri Glen Road, Birkenhead	1754771	5925081		Separate	Waiurutoa Stream	Small waterway	2	Moderate	1	High	1	1
DPFTD	852	Low	Low	1	Operational	13	Shoal Bay	Fred Thomas WWPS	87 Fred WWPS, Takapuna	1757482	5926320	1 - 4 hours	Separate	Shoal Bay	Estuary	2	Very Low	1	Very Low	1	1
DPALM	853	Low	Low	1	Operational	11	East Coast Bays	Alma Wastewater Pump Station	47 Alma Station, Takapuna	1757153	5928864	< 1 hour	Separate	Wairau Stream	Small waterway	3	Very Low	3	Very Low	2	1
DPSI1	854	Medium	Medium	1	Operational	11	East Coast Bays	Sidmouth Wastewater Pump Station (Northern Overflow)	R16 Sidmouth Overflow), Mairangi Bay	1756723	5932997	1 - 4 hours	Separate	Mairangi Bay	Beach	1	High	2	Moderate	2	1
DPSI1	855	High	Medium	1	Operational	11	East Coast Bays	Sidmouth Wastewater Pump Station (Southern Overflow)	52 Sidmouth Overflow), Mairangi Bay	1757052	5932385	1 - 4 hours	Separate	Mairangi Bay	Beach	1	High	2	High	2	1
DPISL	856	Medium	Low	1	Operational	15	Upper Harbour South	Island Bay Wastewater Pump Station	103 Island Station, Beach Haven	1750669	5924854	1 - 4 hours	Separate	Island Bay	Beach	1	Moderate	2	Low	1	1
DPSN1	857	Low	Low	1	Operational	13	Shoal Bay	Stanley Point 1 Wastewater Pump Station	ultimately to Ngataringa Bay	1758097	5922775	No data	Separate	To land							

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DPSN2	859	Low	Low	1	Operational	12	Devonport-Takapuna	Stanley Point 2 Wastewater Pump Station	unnamed creek, ultimately to Ngataringa Bay	1758845	5922902	No data	Separate	To land							
DPNRO	860	High	Medium	1	Operational	12	Devonport-Takapuna	Northboro Tunnel Wastewater Overflow	6 Northboro Overflow, Devonport	1759999	5925807	> 8 hours	Separate	St Leonards Beach	Beach	1	High	1	High	1	1
DPSUL	861	Low	Medium	1	Operational	13	Shoal Bay	Sulphur Wastewater Pump Station	5 Sulphur Station, Northcote Point	1755974	5923663	> 8 hours	Separate	Shoal Bay	Estuary	2	Low	1	Low	1	1
DPKAH	862	Medium	Medium	1	Operational	15	Upper Harbour South	Kahika Wastewater Pump Station	10m long overflow pipe discharged offshore into Kaipatiki/Hellyers Creek.	1751743	5927577	> 8 hours	Separate	Kaipatiki Creek	Estuary	3	Very Low	1	Moderate	1	1
DPMNI	863	High	Medium	1	Operational	13	Shoal Bay	Maunganui Storage Tank Overflow	R28 Maunganui Overflow, Birkenhead	1754257	5923750	1 - 4 hours	Separate	Chelsea Bay	Beach	1	High	2	High	1	1
DPCBY	871	Low	Medium	1	Operational	11	East Coast Bays	Castor Bay Wastewater Pump Station	& Castor Bay Rd intersection, Castor Bay. Into stormwater line and then discharging into Castor Bay.	1757736	5930443	1 - 4 hours	Separate	Castor Bay Stream	Small waterway	3	Low	3	Low	1	2
DPCHH	874	Low	Low	1	Operational	14	Upper Harbour North	Church House Wastewater Pump Station	53. Direct to Lucas Creek.	1749242	5929508	1 - 4 hours	Separate	Greenhithe Stream	Small waterway	3	Very Low	1	High	2	1
DPRLE	876	Low	Low	1	Operational	14	Upper Harbour North	Rosedale Wastewater Pump Station	12 Rosedale Station, Albany	1752681	5932674	1 - 4 hours	Separate	Oteha Stream	Small waterway	3	Very Low	2	Moderate	1	1
DPKY1	877	Low	Medium	1	Operational	14	Upper Harbour North	Kyle 1 Wastewater Pump Station	R27 Kyle Station, Greenhithe	1750389	5930143	4 - 8 hours	Separate	Kyle Stream	Small waterway	3	Low	2	High	1	1
DPALB	878	Low	Low	1	Operational	14	Upper Harbour North	Albany Wastewater Pump Station	beside Oteha stream. Incoming sewer and then into Oteha Stream.	1751307	5933566	4 - 8 hours	Separate	Oteha Stream	Small waterway	3	Very Low	2	Moderate	1	1
DPKED	879	Low	Low	1	Operational	12	Devonport-Takapuna	King Edward Wastewater Pump Station	R2 King Station, Devonport	1760320	5922221	1 - 4 hours	Separate	Devonport Beach	Beach	1	Low	2	Very Low	1	1
DPEWE	880	Low	Low	1	Operational	13	Shoal Bay	Ewen Alison Wastewater Pump Station	43 Ewen Alison Avenue, Devonport. Into stormwater system then discharged into Ngataringa Bay.	1759853	5922893	> 8 hours	Separate	Ngataringa Bay	Estuary	2	Very Low	1	Very Low	1	1
DPLDE	881	Low	Low	1	Operational	13	Shoal Bay	Lake Devonport Wastewater Pump Station	R29 Lake Station, Devonport	1760158	5923377	> 8 hours	Separate	To land							

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DPNOD	883	Low	Low	1	Operational	13	Shoal Bay	Norwood Wastewater Pump Station	73A Norwood Station, Bayswater	1758631	5924095	1 - 4 hours	Separate	Ngataringa Bay	Estuary	2	Very Low	1	Very Low	1	1
DPKAW	884	Low	Low	1	Operational	13	Shoal Bay	Kawerau Wastewater Pump Station	52 Kawerau St, in Kawerau reserve. Into piped overflow channel out to Ngataringa Bay.	1759385	5924135	1 - 4 hours	Separate	Ngataringa Bay	Estuary	2	Very Low	1	Very Low	1	1
DPREG	885	Low	Low	1	Operational	13	Shoal Bay	Regent Wastewater Pump Station	23 Regent St, Devonport. Through Plymouth reserve into Ngataringa Bay.	1759617	5924376	1 - 4 hours	Separate	Unnamed tributary of Ngataringa Bay	Small waterway	2	Moderate	2	Moderate	2	1
DPSFE	886	Low	Low	1	Operational	12	Devonport-Takapuna	Seacliffe Wastewater Pump Station	28 Seacliffe Station, Belmont	1760156	5925212	4 - 8 hours	Separate	Seacliffe Coast	Beach	2	Low	1	Very Low	1	1
DPHNM	887	Low	Low	1	Operational	13	Shoal Bay	Hinemoa Wastewater Pump Station	R1 Hinemoa Station, Birkenhead	1754736	5923492	> 8 hours	Separate	Little Shoal Bay	Beach	1	Low	2	Very Low	2	1
DPHOM	888	Low	Low	1	Operational	13	Shoal Bay	Homewood Wastewater Pump Station	24 Homewood Station, Chatswood	1752967	5923875	> 8 hours	Separate	Duck Creek and Chelsea Ponds	Small waterway	3	Very Low	2	Moderate	2	1
DPAFD	889	Low	Low	1	Operational	13	Shoal Bay	Alfred Wastewater Pump Station	28, next to pumping station. Into stormwater pipe and discharged to Shoal Bay.	1755924	5923988	> 8 hours	Separate	Shoal Bay	Estuary	2	Very Low	1	Very Low	1	1
DPSYV	890	Low	Medium	1	Operational	13	Shoal Bay	Sylvan Wastewater Pump Station	7 Sylvan Station, Northcote	1756123	5924570	> 8 hours	Separate	Onepoto Stream	Estuary	3	Very Low	1	Low	1	1
DPVIA	891	Low	Low	1	Operational	15	Upper Harbour South	Valkyria Wastewater Pump Station	2 Valkyria Station, Beach Haven	1751003	5924630	1 - 4 hours	Separate	Soldiers Bay	Beach	2	Low	1	Very Low	2	1
DPHD1	893	Low	Low	1	Operational	15	Upper Harbour South	Hadfield 1 Wastewater Pump Station	95 Hadfield Station, Beach Haven	1750899	5924984	1 - 4 hours	Separate	Island Bay	Beach	1	Low	2	Very Low	1	1
DPHD2	894	Low	Low	1	Operational	15	Upper Harbour South	Hadfield 2 Wastewater Pump Station	90 Hadfield, opposite Poaka. Via stormwater system to Island Bay Beach.	1750919	5925105	1 - 4 hours	Separate	Island Bay	Beach	1	Low	2	Very Low	1	1
DPCAM	897	Low	Low	1	Operational	15	Upper Harbour South	Caram Wastewater Pump Station	14 Caram Station, Birkenhead	1752739	5925165	> 8 hours	Separate	Eskdale Stream	Small waterway	3	Very Low	2	Moderate	1	1
DPHVN	898	Low	Low	1	Operational	13	Shoal Bay	Havenwood Wastewater Pump Station	R18 Havenwood Station, Birkenhead	1754493	5925539	< 1 hour	Separate	Waiurutoa Stream	Small waterway	2	Moderate	1	High	1	1

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DPARH	899	Low	Low	1	Operational	13	Shoal Bay	Arahia Wastewater Pump Station	11 Arahia Street, Northcote. Through Tuff Crater Reserve to Lagoon and ultimately Shoal Bay.	1756163	5925728	1 - 4 hours	Separate	Tuff Crater	Basin	3	Very Low	1	Low	1	2
DPRMP	900	Low	Low	1	Operational	15	Upper Harbour South	Rosecamp Wastewater Pump Station	52 Rosecamp Station, Beach Haven	1750483	5925867	1 - 4 hours	Separate	Charcoal Bay	Beach	2	Low	2	Very Low	1	1
DPCRO	901	Low	Low	1	Operational	15	Upper Harbour South	Cronin Wastewater Pump Station	6 Cronin Station, Beach Haven	1750198	5926733	1 - 4 hours	Separate	Beach Haven Beach	Beach	1	Low	2	Very Low	1	1
DPBEN	902	Low	Low	1	Operational	15	Upper Harbour South	Beachaven Wastewater Pump Station	28 Beachaven Station, Beach Haven	1750008	5927176	4 - 8 hours	Separate	Hellyers Creek	Estuary	2	Very Low	1	Very Low	1	1
DPCRE	903	Low	Low	1	Operational	15	Upper Harbour South	Cresta Wastewater Pump Station	40 Cresta Station, Beach Haven	1750462	5927278	1 - 4 hours	Separate	Hellyers Creek	Estuary	2	Very Low	1	Very Low	1	1
DPJIM	904	Low	Low	1	Operational	13	Shoal Bay	Jim Tichener Wastewater Pump Station	on left past Navy buildings. .	1759376	5923189	4 - 8 hours	Separate	To land							
DPBYS	905	Low	Low	1	Operational	13	Shoal Bay	Bayswater Wastewater Pump Station	RA 23-27 Bayswater Station, Bayswater	1757642	5923703	> 8 hours	Separate	Shoal Bay	Estuary	2	Very Low	1	Very Low	1	1
DPBPO	906	Low	Low	1	Operational	13	Shoal Bay	Barrys Point Local Wastewater Pump Station	56 Barrys Station, Takapuna	1757591	5926435	4 - 8 hours	Separate	Shoal Bay	Estuary	2	Very Low	1	Very Low	1	1
DPKWO	907	Low	Low	1	Operational	13	Shoal Bay	Kitewao Wastewater Pump Station	27 Kitewao Street in Kitewao Street Esplanade Reserve, Northcote. Into stormwater system discharging to Hillcrest Creek.	1756654	5926549	> 8 hours	Separate	Hillcrest Creek	Small waterway	3	Very Low	2	Moderate	1	1
DPDMN	908	Low	Low	1	Operational	13	Shoal Bay	Dominion Wastewater Pump Station	72 Dominion Street, Takapuna. Into stormwater system ultimately discharging at Shoal Bay.	1756770	5926625	4 - 8 hours	Separate	Hillcrest Creek	Small waterway	3	Very Low	2	Moderate	1	1
DPKIL	909	Low	Low	1	Operational	11	East Coast Bays	Killarney Wastewater Pump Station	R39 Killarney Station, Takapuna	1757653	5927412	4 - 8 hours	Separate	Lake Pupuke	Basin	1	Low	1	Low	1	1
DPLAK	910	Low	Low	1	Operational	11	East Coast Bays	Lake View Wastewater Pump Station	45 Lake Station, Takapuna	1757149	5927609	4 - 8 hours	Separate	Lake Pupuke	Basin	1	Low	1	Low	1	1
DPPRO	911	Low	Low	1	Operational	11	East Coast Bays	Promenade Wastewater Pump Station	36 Promenade Station, Takapuna	1758062	5927759	> 8 hours	Separate	Lake Pupuke	Basin	1	Low	1	Low	1	1

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DPSHE	912	Low	Low	1	Operational	11	East Coast Bays	Shea Hospital Wastewater Pump Station	132 Shea Station, Takapuna	1756975	5928012	1 - 4 hours	Separate	Lake Pupuke	Basin	1	Low	1	Low	1	1
DPHM3	913	Low	Low	1	Operational	11	East Coast Bays	Hurstmere 3 Wastewater Pump Station	244 Hurstmere Station, Takapuna	1758188	5928064	> 8 hours	Separate	Lake Pupuke	Basin	1	Low	1	Low	1	1
DPHM2	914	Low	Low	1	Operational	11	East Coast Bays	Hurstmere 2 Wastewater Pump Station	294 Hurstmere Station, Takapuna	1758285	5928253	> 8 hours	Separate	Lake Pupuke	Basin	1	Low	1	Low	1	1
DPHM1	915	Low	Low	1	Operational	11	East Coast Bays	Hurstmere 1 Wastewater Pump Station	312 Hurstmere in Henderson Park, access via Henderson Park turn south and follow. Overland flow to Lake Pupuke.	1758340	5928365	4 - 8 hours	Separate	Lake Pupuke	Basin	1	Low	1	Low	1	1
DPERI	916	Low	Low	1	Operational	11	East Coast Bays	Eric Price Wastewater Pump Station	41128 Eric Station, Takapuna	1758248	5928503	> 8 hours	Separate	Lake Pupuke	Basin	1	Low	1	Low	1	1
DPGLU	917	Low	Low	1	Operational	15	Upper Harbour South	Glendu Wastewater Pump Station	164 Glendu Station, Beach Haven	1752025	5929183	> 8 hours	Separate	Lignite Stream	Small waterway	3	Very Low	1	High	2	1
DPONA	918	Low	Low	1	Operational	11	East Coast Bays	Omana Wastewater Pump Station	5 Omana Station, Milford	1757690	5929393	> 8 hours	Separate	Wairau Creek	Estuary	1	Very Low	1	Very Low	1	1
DPKER	920	Low	Low	1	Operational	14	Upper Harbour North	Kerema Wastewater Pump Station	14 Kerema Way, Schnapper Rock	1749720	5930454	> 8 hours	Separate	Lucas Creek	Estuary	2	Very Low	1	Very Low	1	1
DPVAN	923	Low	Low	1	Operational	14	Upper Harbour North	Van Der Bilt Wastewater Pump Station	17 Van Station, Albany	1751427	5932861	4 - 8 hours	Separate	Oteha Stream	Small waterway	3	Very Low	2	Moderate	1	1
DPREM	924	Low	Low	1	Operational	14	Upper Harbour North	Remu Wastewater Pump Station	R20 Remu Station, Greenhithe	1749145	5928046	1 - 4 hours	Separate	Greenhithe Coast	Estuary	2	Very Low	2	Very Low	2	1
DPKKI	925	Low	Low	1	Operational	14	Upper Harbour North	Koki Wastewater Pump Station	3 Koki Station, Greenhithe	1748900	5928205	1 - 4 hours	Separate	Greenhithe Coast	Estuary	2	Very Low	2	Very Low	2	1
DPRAH	926	Low	Low	1	Operational	14	Upper Harbour North	Rahui Wastewater Pump Station	17 Rahui. Into Waitemata Harbour, receiving environment is an unnamed inner harbour beach.	1748741	5928466	4 - 8 hours	Separate	Greenhithe Coast	Estuary	2	Very Low	2	Very Low	2	1
DPAWA	927	Low	Low	1	Operational	14	Upper Harbour North	Awatahi Wastewater Pump Station	4 Awatahi Station, Greenhithe	1748755	5929200	1 - 4 hours	Separate	Lucas Creek	Estuary	2	Very Low	1	Very Low	1	1
DPWNI	928	Low	Low	1	Operational	14	Upper Harbour North	Wainoni Wastewater Pump Station	7 Samuel Cross Place, Greenhithe. Overland flow to Te Wharau Creek.	1749913	5929936	4 - 8 hours	Separate	Te Wharau Creek	Estuary	3	Very Low	1	Very Low	2	1

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DPALC	930	Low	Low	1	Operational	15	Upper Harbour South	Albany Church Wastewater Pump Station	26 Albany Station, Albany	1753162	5929868	1 - 4 hours	Separate	Lignite Stream	Small waterway	3	Very Low	1	High	2	1
DPALY	934	Low	Low	1	Operational	14	Upper Harbour North	Aberly Wastewater Pump Station	91 Aberley Rd off Schnapper Rock Rd, Albany. Through scoria filter into Lucas Creek.	1750153	5931426	4 - 8 hours	Separate	Aberley Creek	Small waterway	3	Very Low	1	High	2	1
DPGYS	938	Low	Low	1	Operational	11	East Coast Bays	Grays Wastewater Pump Station	12 Gray Cr, down ROW to beach. To Winstones Cove.	1756934	5937225	4 - 8 hours	Separate	Winstones Cove	Beach	1	Low	2	Very Low	2	1
DPNEP	943	Low	Low	1	Operational	15	Upper Harbour South	Neptune Wastewater Pump Station	42 Neptune Avenue, Beach Haven. Overland flow to unnamed beach north of Charcoal Bay.	1750227	5926166	4 - 8 hours	Separate	Beach Haven Coast	Beach	3	Very Low	2	Very Low	1	1
DPMHO	944	Low	Low	1	Operational	14	Upper Harbour North	Mahoney Wastewater Pump Station	Mahoney Drive, Albany. Overland flow to Lucas Creek.	1750407	5932799	> 8 hours	Separate	Lucas Creek	Estuary	2	Very Low	1	Very Low	1	1
DPCLP	945	Low	Low	1	Operational	14	Upper Harbour North	Carol Lee Place Wastewater Pump Station	19 Carol Lee Place, Albany Heights	1751295	5935005	4 - 8 hours	Separate	To land							
DPKY2	946	Low	Low	1	Operational	14	Upper Harbour North	Kyle 2 Wastewater Pump Station	5 Albertine Place, Greenhithe	1751368	5930457	4 - 8 hours	Separate	Kyle Stream	Small waterway	3	Very Low	2	Moderate	1	1
DPBLA	947	Medium	Medium	1	Operational	11	East Coast Bays	Black Rock Wastewater Pump Station	0m long overflow pipe discharging offshore into Thorne's Bay.	1758510	5928571	> 8 hours	Separate	Thorne Bay	Beach	2	High	1	Moderate	1	1
DPEXM	948	Low	Low	1	Operational	13	Shoal Bay	Exmouth Wastewater Pump Station	140 Exmouth Station, Northcote	1756695	5925056	4 - 8 hours	Separate	Tuff Crater	Basin	3	Very Low	1	Low	1	2
DSKED	949	High	Medium	1	Operational	12	Devonport-Takapuna	King Edward Parade Storage Tank Overflow	R18 King Overflow, Devonport	1761724	5922619	> 8 hours	Separate	North Head	Harbour	2	High	1	High	1	1
DSSIL	951	Medium	Medium	1	Operational	11	East Coast Bays	Silverfield Storage Tank	17 Silverfield Tank, Glenfield	1755753	5927979	> 8 hours	Separate	Wairau Stream	Small waterway	3	Low	3	Low	2	1
	957	Medium	Low	2	Operational	26	Upper Tamaki River	38 Whiteacres Drive	38 Whiteacres Drive, Pakuranga	1768586	5914465		Separate	Unnamed tributary of Pakuranga Creek (Whiteacres Drive)	Small waterway	3	Very Low	3	Very Low	1	2
	959	Low	Medium	2	Operational	26	Upper Tamaki River	12 Udall Place	12 Udall Place, Howick	1770183	5915749		Separate	Unnamed tributary of Pakuranga Creek (Highland Park)	Small waterway	3	Low	2	High	1	1

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	960	Low	Low	2	Operational	26	Upper Tamaki River	30 Minaret Drive	30 Minaret Drive, Howick	1770167	5915294		Separate	Unnamed tributary of Pakuranga Creek (Highland Park)	Small waterway	3	Very Low	2	Moderate	1	1
	961	Medium	Low	2	Operational	26	Upper Tamaki River	16 Ingram Crescent	16 Ingram Crescent, Otara	1767705	5906620		Separate	Unnamed tributary of Otara Creek (west)	Small waterway	3	Very Low	3	Very Low	1	1
	962	Low	Low	2	Operational	28	Puhinui	53R Raglan Street	53R R Street, Mangere	1762768	5906302		Separate	Unnamed Stream in Aorere Park	Small waterway	3	Very Low	2	Moderate	1	1
	963	Low	Medium	2	Operational	24	Mangere	62 Chelburn Crescent	62 Chelburn Crescent, Mangere	1761738	5908184		Separate	Unnamed tributary to Harania Creek (south)	Small waterway	3	Low	2	High	2	1
	965	Low	Low	2	Operational	29	Pahurehure Inlet	105R Beaumonts Way	105R R Way, Manurewa	1769158	5899940		Separate	Papakura Stream	Large waterway	3	Very Low	2	Very Low	1	1
	966	Low	Low	2	Operational	29	Pahurehure Inlet	17 McDougall Street	17 McDougall Street, Manurewa	1769504	5900477		Separate	Papakura Stream	Large waterway	3	Very Low	2	Very Low	1	1
	967	Low	Low	2	Operational	29	Pahurehure Inlet	14 Percival Street	14 Percival Street, Manurewa	1768249	5900395		Separate	Unnamed stream near Percival Street	Small waterway	3	Very Low	2	Moderate	2	1
	969	Low	Low	2	Operational	26	Upper Tamaki River	3 Ross Avenue	3 Ross Avenue, Papatoetoe	1764301	5906737		Separate	Upper Tamaki River (Middlemore Arm)	Estuary	3	Very Low	2	Very Low	1	1
	970	Low	Low	2	Operational	26	Upper Tamaki River	77 Shirley Road	77 Shirley Road, Papatoetoe	1764703	5906048		Separate	Upper Tamaki River (Middlemore Arm)	Estuary	3	Very Low	2	Very Low	1	1
	971	Low	Low	2	Operational	28	Puhinui	35 St George Street	35 St Street, Papatoetoe	1764884	5905718		Separate	Unnamed stream near Hillside Rd	Small waterway	3	Very Low	2	Moderate	1	2
	972	Low	Low	2	Operational	26	Upper Tamaki River	123 Ennis Ave	123 Ennis Ave, Pakuranga	1768389	5912544		Separate	Pakuranga Creek	Estuary	3	Very Low	1	Very Low	1	1
	973	Low	Low	2	Operational	24	Mangere	4 Chalfont Street	4 Chalfont Street, Mangere East	1761994	5907434		Separate	Unnamed tributary to Harania Creek (south)	Small waterway	3	Very Low	2	Moderate	2	1
	974	Low	Low	2	Operational	29	Pahurehure Inlet	2 Browning Street	2 Browning Street, Manurewa	1769670	5900687		Separate	Papakura Stream	Large waterway	3	Very Low	2	Very Low	1	1
	975	Low	Low	2	Operational	26	Upper Tamaki River	16 Windsong Ct	16 Windsong Ct, Howick	1771400	5912996		Separate	Unnamed tributary of Pakuranga Creek (Botany Downs)	Small waterway	3	Very Low	3	Very Low	2	1
DPSAN	976	Low	Low	1	Operational	27	Cockle Bay	Sandspit Road Wastewater Pump Station	41 Sandspit Station, Shelly Park	1774119	5913495	1 - 4 hours	Separate	Shelly Park Beach	Beach	1	Low	1	Very Low	1	1

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DPAVI	984	Low	Low	1	Operational	26	Upper Tamaki River	Aviemore Drive Wastewater Pump Station	101R Aviemore Station, Highland Park	1769689	5913679	No information available	Separate	Unnamed tributary of Pakuranga Creek (Highland Park)	Small waterway	3	Very Low	2	Moderate	1	1
DPPKN	985	Low	Low	1	Operational	25	Lower Tamaki River	Pakuranga North Wholesale Wastewater Pump Station	103R Pakuranga Station, Half Moon Bay	1768968	5915457	4 - 8 hours	Separate	Wakaaranga Creek	Estuary	3	Very Low	1	Very Low	1	1
DPSAC	987	Low	Low	1	Operational	29	Pahurehure Inlet	St Anne's Crescent Wastewater Pump Station	33R St Station, Wattle Downs	1767118	5897373	> 8 hours	Separate	St Anne’s Foreshore	Beach	1	Low	2	Very Low	2	1
DPTPD	993	Low	Low	1	Operational	25	Lower Tamaki River	The Parade Wastewater Pump Station	1 The Station, Bucklands Beach	1769367	5918950	1 - 4 hours	Separate	Bucklands Beach	Beach	1	Low	1	Very Low	1	1
DPWNO	997	Low	Low	1	Operational	29	Pahurehure Inlet	Waimarino Road Wastewater Pump Station	16R Waimarino Station, Weymouth	1766336	5898218	No information available	Separate	Waimahia Creek	Estuary	2	Very Low	2	Very Low	1	1
DPBUR	998	Low	Low	1	Operational	26	Upper Tamaki River	Burswood Drive Wastewater Pump Station	177R Burswood Drive. Adjancent stormwater line, then into Tamaki River.	1768817	5912070	1 - 4 hours	Separate	Pakuranga Creek	Estuary	3	Very Low	1	Very Low	1	1
DPJFD	999	Low	Low	1	Operational	24	Mangere	James Fletcher Drive Wastewater Pump Station	178R James Station, Favona	1762073	5909197	1 - 4 hours	Separate	Harania Creek	Estuary	3	Very Low	2	Very Low	1	2
DPSDN	1004	Low	Low	1	Operational	26	Upper Tamaki River	Stonedon Drive Wastewater Pump Station	56R Stonedon Dr. Adjancent stormwater line, then into Pakuranga Creek.	1767875	5911352	No information available	Separate	Pakuranga Creek	Estuary	3	Very Low	1	Very Low	1	1
DPHIP	1005	Low	Low	1	Operational	26	Upper Tamaki River	Highland Park Wastewater Pump Station	493R Highland Station, Highland Park	1769778	5914677	1 - 4 hours	Separate	Unnamed tributary of Pakuranga Creek (Highland Park)	Small waterway	3	Very Low	2	Moderate	1	1
DPBRA	1008	Low	Low	1	Operational	25	Lower Tamaki River	Bramley Drive Wastewater Pump Station	600 diameter chamber fitted with a non return valve. The chamber is connected to an adjacent stormwater line, which discharges into the Tamaki River.	1767547	5915254	No information available	Separate	Lower Tamaki River	Estuary	2	Very Low	1	Very Low	1	1

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DPHAN	1010	Low	Low	1	Operational	26	Upper Tamaki River	Hannah Road Wastewater Pump Station	45R Hannah Rd. 'Adjacent stormwater line, which discharges to adjacent culvert.	1767521	5906830	No information available	Separate	Unnamed tributary of Otara Creek (west)	Small waterway	3	Very Low	3	Very Low	1	1
DPMCK	1011	Low	Low	1	Operational	24	Mangere	Mckenzie Road Wastewater Pump Station	142R McKenzie Rd. Satellite manhole to adjacent stormwater line, then discharges into Manukau Harbour..	1759031	5907540	1 - 4 hours	Separate	Tararata Creek	Small waterway	3	Very Low	2	Moderate	1	1
DPHOR	1012	Low	Low	1	Operational	29	Pahurehure Inlet	Horlicks Place Wastewater Pump Station	28R Horlicks Pl. Adjacent stormwater line, then into the nearby stream.	1770813	5900460	< 1 hour	Separate	Papakura Stream	Large waterway	3	Very Low	2	Very Low	1	1
DPEST	1013	Low	Low	1	Operational	27	Cockle Bay	Estuary Views Wastewater Pump Station	24R Estuary Views. From wet well lid into adjacent stormwater cesspit, then discharges into Maungaroa Creek.	1773388	5913022	1 - 4 hours	Separate	Maungamaungaroa Creek	Estuary	2	Very Low	1	Very Low	1	1
DPSAV	1015	Low	Low	1	Operational	24	Mangere	Savill Drive Link Wastewater Pump Station	20R Savill Station, Papatoetoe	1763080	5908414	1 - 4 hours	Separate	Unnamed tributary to Harania Creek (east)	Small waterway	3	Very Low	2	Moderate	2	1
DPHAW	1016	Low	Low	1	Operational	31	Beachlands-Maraetai	Hawke Crescent Wastewater Pump Station	25A Hawke Station, Beachlands	1777009	5916400	No information available	Separate	Sunkist Bay Beach	Beach	1	Low	1	Very Low	1	1
DPOMA	1017	Low	Low	1	Operational	31	Beachlands-Maraetai	Omana Esplanade Wastewater Pump Station	26R Omana Station, Beachlands	1781107	5916795	No information available	Separate	Omana Beach	Beach	1	Low	1	Very Low	1	1
	1019	Medium	High	2	Operational	20	Coxs Bay	15 Cremorne Street	15 Cremorne Street, Herne Bay	1754367	5921256		Combined	Home Bay	Beach	1	Very high	2	High	1	1
	1020	Low	High	2	Operational	21	Central Auckland (CBD)	27 New Street	New Street and Harbour, Herne Bay	1755954	5921011		Combined	Waitemata Harbour - CBD Edge	Harbour	2	Moderate	3	Low	1	1
DPNZS	1022	Low	Low	1	Operational	33	Waiuku	New Zealand Steel Wastewater Pump Station	150mm uPVC overflow pipe directly out to sea.	1752730	5877396	> 8 hours	Separate	Rangiwhea Creek	Estuary	2	Very Low	1	Very Low	1	1
DPBYV	1023	Low	Low	1	Operational	33	Waiuku	Bay View Wastewater Pump Station	Esplanade Res, end of Bay View Drive. Wet well lid.	1752572	5876985	> 8 hours	Separate	Rangiwhea Creek	Estuary	2	Very Low	1	Very Low	1	1

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DPLNA	1024	Low	Low	1	Operational	33	Waiuku	Lina Place Wastewater Pump Station	Res, between King Street and Lina Place. Overflow pipe to nearby creek.	1752364	5876593	> 8 hours	Separate	Rangiwhea Creek Tributary	Small waterway	2	Moderate	1	High	1	1
DPKAI	1025	Low	Low	1	Operational	33	Waiuku	Kowhai Place Wastewater Pump Station	of Kowhai Place. Overflow pipe to estuary.	1753790	5877701	> 8 hours	Separate	Golf Course Creek	Estuary	1	Very Low	1	Very Low	1	1
DPKNG	1026	Low	Low	1	Operational	33	Waiuku	King Street Wastewater Pump Station	Street, next to Waiuku Botanitcal Reserve. Overflow pipe directly into nearby estuary.	1753511	5876242	1 - 4 hours	Separate	Waiuku Creek	Estuary	2	Very Low	1	Very Low	1	1
DPFGH	1027	Low	Low	1	Operational	33	Waiuku	Fernleigh Avenue Wastewater Pump Station	28 Fernleigh Station, Waiuku	1754414	5876220	> 8 hours	Separate	Waiuku Stream Tributary	Small waterway	3	Very Low	1	High	1	1
DPKAO	1028	Low	Low	1	Operational	33	Waiuku	Kitchener Road Wastewater Pump Station	243/135 Kitchener Station, Waiuku	1755080	5876130	> 8 hours	Separate	Waiuku Stream	Small waterway	2	Moderate	1	High	1	1
DPRGW	1029	Low	Low	1	Operational	33	Waiuku	Rangiwhea Road Wastewater Pump Station	10 Rangiwhea Station, Waiuku	1753141	5877773	> 8 hours	Separate	Sandspit Beach	Beach	1	Low	1	Very Low	1	1
DPEDP	1030	Low	Low	1	Operational	33	Waiuku	Edgewater Parade Wastewater Pump Station	64 Edgewater Parade. Overflows through wet well lid.	1753264	5876833	> 8 hours	Separate	Waiuku Creek	Estuary	2	Very Low	1	Very Low	1	1
DPOWE	1031	Low	Low	1	Operational	33	Waiuku	Owens Road Wastewater Pump Station	19 Owens Station, Waiuku	1753223	5876634	> 8 hours	Separate	Waiuku Creek	Estuary	2	Very Low	1	Very Low	1	1
DPKEN	1032	Low	Low	1	Operational	33	Waiuku	Kendallvale Drive Wastewater Pump Station	41 Kendallvale Station, Waiuku	1755389	5875270	> 8 hours	Separate	Awaroa River Tributary	Small waterway	3	Very Low	2	Moderate	1	1
DPBCR	1033	Low	Low	1	Operational	33	Waiuku	Breaker Grove Wastewater Pump Station	36 Breaker Station, Waiuku	1752833	5875425	> 8 hours	Separate	To land							
DPYAC	1034	Low	Low	1	Operational	32	Clarks Beach	Yacht Club Wastewater Pump Station	226 Yacht Station, Clark's Beach	1750090	5888181	> 8 hours	Separate	Waiuku Estuary	Estuary	1	Very Low	1	Very Low	1	1
DPWAS	1035	Low	Low	1	Operational	32	Clarks Beach	Wilson Access Wastewater Pump Station	137 Torkar Road, Clarks Beach. Overflows through wet well lid to surrounding land around public toilets.	1750344	5888648	> 8 hours	Separate	Clarks Beach	Beach	1	Low	1	Very Low	1	1
DPSLA	1036	Low	Low	1	Operational	32	Clarks Beach	Stella Drive Wastewater Pump Station	13 Stella Drive, Clark's Beach. Overflows through wet well lid to surrounding land.	1750545	5888479	> 8 hours	Separate	To land							

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DPHLA	1037	Low	Low	1	Operational	32	Clarks Beach	Halls Access Wastewater Pump Station	75 Halls Station, Clark's Beach	1750963	5888822	> 8 hours	Separate	Clarks Beach	Beach	1	Low	1	Very Low	1	1
DPCBO	1040	Low	Low	1	Operational	32	Clarks Beach	Clarks Beach Oxidation Pond	97 Stella Drive, Clark's Beach. Overflows through wet well lid to surrounding land and Stella Dr.	1750854	5888262	> 8 hours	Separate	To land							
DPSTV	1041	Low	Low	1	Operational	32	Clarks Beach	Stevenson Road Wastewater Pump Station	21 Seaway Road, Clark's Beach. Overflows through wet well lid to surrounding land and road.	1751324	5888635	> 8 hours	Separate	To land							
DPKNI	1042	Low	Low	1	Operational	32	Clarks Beach	Knights Walkway Wastewater Pump Station	41 Torkar Road, Clark's Beach. Overflows into overflow storage chamber.	1751327	5888863	> 8 hours	Separate	Clarks Beach	Beach	1	Low	1	Very Low	1	1
DPHOS	1043	Low	Low	1	Operational	32	Clarks Beach	Hoskings Clarks Beach Wastewater Pump Station	1 Hoskings Station, Clark's Beach	1751752	5888887	> 8 hours	Separate	Clarks Beach	Beach	1	Low	1	Very Low	1	1
DPCRI	1044	Low	Low	1	Operational	32	Clarks Beach	Crisp Rd Wastewater Pump Station	34 Crisp Road, Clark's Beach. Overflows through wet well lid.	1752091	5888850	> 8 hours	Separate	Clarks Beach	Beach	1	Low	1	Very Low	1	1
DPKEV	1045	Low	Low	1	Operational	32	Clarks Beach	Keven Road (Waiau 1) Wastewater Pump Station	Goble Road, Waiau Beach. Overflows through wet well lid to surrounding land.	1751535	5887742	> 8 hours	Separate	Waiau Beach	Beach	1	Low	2	Very Low	1	1
DPCHV	1046	Low	Low	1	Operational	32	Clarks Beach	Channel View Road Wastewater Pump Station	11 Channel Road, Waiau Beach. Overflows from pump chamber lids onto surrouding land and beach.	1751471	5887432	> 8 hours	Separate	Waiau Beach	Beach	1	Low	2	Very Low	1	1
DPGLB	1047	Low	Low	1	Operational	32	Clarks Beach	Glenbrook Beach Wastewater Pump Station	3 Fleet Street, Glenbrook Beach. Overflows through wet well lid to surrounding grass and beach.	1752090	5885638	> 8 hours	Separate	Glenbrook Beach	Beach	1	Low	2	Very Low	1	1

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DPMTI	1079	Low	Low	1	Operational	31	Beachlands-Maraetai	Maraetai Domain Wastewater Pump Station	Maraetai. Overlows into a manhole equipped with a milliscreen which discharges via a scoria filter trench into the foreshore.	1781973	5916489	> 8 hours	Separate	Unnamed stream to Maraetai Beach	Small Waterway	2	Moderate	2	Moderate	1	2
DPTPN	1080	Low	Low	1	Operational	31	Beachlands-Maraetai	Te Pene Wastewater Pump Station	Reserve, Maraetai. Overflows overtop satellite manhole and flows into adjacent reserve and parking area.	1781675	5917021	No information available	Separate	To land							
DPTPR	1081	Low	Low	1	Operational	31	Beachlands-Maraetai	Te Puru Wastewater Pump Station	3).	1779562	5916016	No information available	Separate	Unnamed stream to Kelly's Beach (South)	Small Waterway	3	Very Low	2	Moderate	1	1
DPTVW	1083	Low	Low	1	Operational	31	Beachlands-Maraetai	Third Avenue Wastewater Pump Station	115R Third Station, Beachlands	1778995	5916555	No information available	Separate	Unnamed stream to Kelly's Beach (North)	Small Waterway	3	Very Low	2	Moderate	1	2
DPKKA	1084	Low	Low	1	Operational	31	Beachlands-Maraetai	Karaka Road Wastewater Pump Station	8a Karaka Road, Beachlands. Overflows from wet well lids and dicharges to the surrounding area.	1778578	5915511	No information available	Separate	Unnamed stream to Pine Harbour Marina Beach (South)	Small Waterway	3	Very Low	2	Moderate	1	2
DPSKB	1085	Low	Low	1	Operational	31	Beachlands-Maraetai	Sunkist Bay Wastewater Pump Station	40m west of the station.	1777777	5916537	No information available	Separate	Sunkist Bay Beach	Beach	1	Low	1	Very Low	1	1
DPTOO	1086	Low	Low	1	Operational	31	Beachlands-Maraetai	Toomer Place Wastewater Pump Station	4R Toomer Station, Beachlands	1777342	5916082	> 8 hours	Separate	Unnamed stream to Pine Harbour Marina Beach (North)	Small Waterway	3	Very Low	2	Moderate	1	1
DPPHM	1087	Low	Low	1	Operational	31	Beachlands-Maraetai	Pine Harbour Marina Wastewater Pump Station	190 Pine Station, Beachlands	1777316	5915445	> 8 hours	Separate	Unnamed stream to Pine Harbour Marina Beach (South)	Small Waterway	3	Very Low	2	Moderate	1	2
DPKOW	1090	Low	Low	1	Operational	6	Helensville	Kowhai Wastewater Pump Station	39 Kowhai Street, Helensville. Upstream manhole then into a stormwater drain to Kaipara River.	1729564	5939266	4 - 8 hours	Separate	Kaipara River	Large waterway	2	Very Low	2	Very Low	1	1

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DPMIL	1092	Low	Low	1	Operational	6	Helensville	Mill Road Wastewater Pump Station	43 Mill Station, Helensville	1729166	5939746	4 - 8 hours	Separate	Kaipara River	Large waterway	2	Very Low	2	Very Low	1	1
DPMRO	1093	Low	Low	1	Operational	6	Helensville	Miro Street Wastewater Pump Station	150mm overflow pipe discharges into an open drain and then to the Kaipara River.	1730036	5940548	4 - 8 hours	Separate	Awaroa Stream	Large Waterway	3	Very Low	2	Very Low	2	1
DPOUT	1094	Low	Low	1	Operational	6	Helensville	Outfall Wastewater Pump Station	45 Outfall Station, Helensville	1729598	5941489	< 1 hour	Separate	Kaipara River	Large waterway	2	Very Low	2	Very Low	1	1
DPSPR	1095	Low	Low	1	Operational	6	Helensville	Springs Road Wastewater Pump Station	150mm overflow pipe discharges into Kaipara River adjacent to the PS site.	1728743	5942088	4 - 8 hours	Separate	Kaipara River	Large waterway	2	Very Low	2	Very Low	1	1
DPPAI	1096	Low	Low	1	Operational	6	Helensville	Parakai Wastewater Pump Station	27 Parakai Station, Parakai	1728479	5941816	> 8 hours	Separate	Kaipara River	Large waterway	2	Very Low	2	Very Low	1	1
DPCIC	1097	Low	Low	1	Operational	6	Helensville	Chic Wastewater Pump Station	5 Chic Gardns, Parakai. Overflows first to storage tank and then out the top of wetwell.	1727990	5941774	4 - 8 hours	Separate	Kaipara River	Large waterway	2	Very Low	2	Very Low	1	1
DPWAC	1098	Low	Low	1	Operational	5	Waiwera	Waiwera Camp Wastewater Pump Station	225mm overflow pipe discharges into stormwater outlet and then into Waiwera Estuary.	1752910	5954269	4 - 8 hours	Separate	To land							
DPWWR	1099	Low	Low	1	Operational	5	Waiwera	Waiwera Town Wastewater Pump Station	300mm overflow pipe with solids trap discharges into stormwater outlet and then into Waiwera Estuary. Valve chamber partly fills before overflow occurs.	1752701	5954288	4 - 8 hours	Separate	Waiwera Estuary	Estuary	1	Very Low	1	Very Low	1	1
DPWER	1100	Low	Low	1	Operational	5	Waiwera	Weranui Wastewater Pump Station	300mm overflow pipe discharges directly to Waiwera Estuary. The overflow is fitted with a floodgate. Valve chamber will partly fill before overflow occurs..	1751711	5954556	4 - 8 hours	Separate	Wairewa Estuary	Estuary						

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DPMBC	1101	Low	Low	1	Operational	4	Snells Beach-Algies Bay	Martins Bay Camp Wastewater Pump Station	150mm overflow pipe with solids trap discharges to an open stormwater drain and then onto the beach.	1758060	5964849	> 8 hours	Separate	Martins Bay Beach	Beach	1	Low	2	Very Low	2	1
DPWLJ	1103	Low	Low	1	Operational	4	Snells Beach-Algies Bay	Willjames Wastewater Pump Station	91 Willjames Station, Algies Bay	1756803	5966064	> 8 hours	Separate	Unnamed stream (flowing to Algies Bay)	Small waterway	3	Very Low	2	Moderate	1	1
DPBTE	1104	Low	Low	1	Operational	4	Snells Beach-Algies Bay	Brigitte Wastewater Pump Station	33 Brigitte Station, Snells Beach	1754836	5967070	> 8 hours	Separate	Stormwater pond (Brigitte View Road)	Small waterway	3	Very Low	3	Very Low	2	1
DPALE	1105	Low	Low	1	Operational	4	Snells Beach-Algies Bay	Alexander Wastewater Pump Station	39 Alexander Station, Algies Bay	1756431	5966439	4 - 8 hours	Separate	Algies Bay Beach	Beach	1	Low	2	Very Low	1	1
DPDAL	1106	Low	Low	1	Operational	4	Snells Beach-Algies Bay	Dalton Wastewater Pump Station	11 Dalton Station, Snells Beach	1755189	5967762	4 - 8 hours	Separate	Snells Beach	Beach	1	Low	2	Very Low	1	1
DPCNL	1107	Low	Low	1	Operational	4	Snells Beach-Algies Bay	Cornel Wastewater Pump Station	31 Cornel Station, Snell's Beach	1754548	5967539	> 8 hours	Separate	Northern arm of Mahurangi Harbour (Cornell Circle)	Estuary	2	Very Low	1	Very Low	2	1
DPTMT	1109	Low	Low	1	Operational	4	Snells Beach-Algies Bay	Tamatea Wastewater Pump Station	56 Tamatea Station, Snell's Beach	1755024	5968434	> 8 hours	Separate	Snells Beach	Beach	1	Low	2	Very Low	1	1
DPRGH	1110	Low	Low	1	Operational	4	Snells Beach-Algies Bay	Riverleigh Drive Wastewater Pump Station	26 Riverleigh Drive, Snells Beach.	1754283	5968777	4 - 8 hours	Separate	Stormwater pond (Riverleigh Drive)	Small waterway	3	Very Low	3	Very Low	2	1
DPSNB	1111	Low	Low	1	Operational	4	Snells Beach-Algies Bay	Sunburst Avenue Wastewater Pump Station	32 Schooner Avenue, Snells Beach.	1755042	5968975	4 - 8 hours	Separate	Snells Beach	Beach	1	Low	2	Very Low	1	1
DPTAU	1117	Low	Low	1	Operational	2	Omaha	Taumata Wastewater Pump Station	83 Taumata Road, Omaha.	1760815	5975465	4 - 8 hours	Separate	To land							
DPMRI	1118	Low	Low	1	Operational	2	Omaha	Mangatawhiri Wastewater Pump Station	198 Mangatawhiri Road, Omaha.	1760342	5975363	4 - 8 hours	Separate	To land							
DPPOA	1119	Low	Low	1	Operational	2	Omaha	Paraoa Wastewater Pump Station	17 Paraoa Crescent, Omaha	1760171	5975837	4 - 8 hours	Separate	To land							
DPKOK	1120	Low	Low	1	Operational	2	Omaha	Kokopu Wastewater Pump Station	18 Kokopu Street, Omaha.	1759899	5976245	4 - 8 hours	Separate	To land							
DPBRO	1121	Low	Low	1	Operational	2	Omaha	Broadlands Drive Pump Station	31 Omaha Drive, Omaha. Overflows out the top of the wetwell.	1759175	5977324	> 8 hours	Separate	To land							

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DPEGV	1122	Low	Low	1	Operational	2	Omaha	Esme Grove Wastewater Pump Station	Esme Grove, Omaha. Storage tank will completely fill and valve chamber partly fill before overflow occurs. Overflows out the top of the wet well and seep into the surrounding sandy ground.	1759663	5977402	> 8 hours	Separate	To land							
DPANC	1123	Low	Low	1	Operational	2	Omaha	Anchorage Wastewater Pump Station	41 North West Anchorage, Omaha. Overflows out the top of the wetwell.	1759169	5977899	> 8 hours	Separate	Whangateau Harbour Beach	Beach	1	Low	1	Very Low	1	1
DPSUC	1124	Low	Low	1	Operational	2	Omaha	Success Court Wastewater Pump Station	25 Success Station, Omaha	1759430	5978028	> 8 hours	Separate	To land							
DPBOA	1125	Low	Low	1	Operational	2	Omaha	Boat Ramp Wastewater Pump Station	223 Omaha Drive, Omaha. Overflows first into storage chamber. Vavle chamber will also partly fill before overflow occurs.	1759333	5978378	4 - 8 hours	Separate	To land							
DPWOR	1128	Low	Low	1	Operational	1	Wellsford	Worker Road Wastewater Pump Station	60a Worker Station, Wellsford	1736279	5982449	1 - 4 hours	Separate	Unnamed tributary (south) of Whakapirau Creek	Small waterway	3	Very Low	2	Moderate	2	2
DPARM	1129	Low	Low	1	Operational	1	Wellsford	Armitage Wastewater Pump Station	46 Armitage Station, Wellsford	1736756	5983193	1 - 4 hours	Separate	Unnamed tributary (north) of Whakapirau Creek	Small waterway	3	Very Low	2	Moderate	2	1
DPSHR	1130	Low	Low	1	Operational	1	Wellsford	School Road Wastewater Pump Station	150mm overflow pipe to a paddock and then into a nearby stormwater creek.	1736204	5983336	4 - 8 hours	Separate	Unnamed tributary (south) of Whakapirau Creek	Small waterway	3	Very Low	2	Moderate	2	2
DPCEM	1131	Low	Low	1	Operational	1	Wellsford	Cemetery Wastewater Pump Station	72 School Road, Wellsford. Overflow pipe with solids trap discharges wastewater to nearby open stormwater drain and into adjacent farmland.	1735829	5983542	> 8 hours	Separate	To land							

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DPKYH	1132	Low	Low	1	Operational	1	Wellsford	Kellys Hill Wastewater Pump Station	375 Kellys Station, Wellsford	1736377	5983805	4 - 8 hours	Separate	Stormwater Pond (Reid Underpass)	Small waterway	3	Very Low	3	Very Low	2	2
DPTHA	1133	Low	Low	1	Operational	1	Wellsford	Te Hana Wastewater Pump Station	1, Te Hana.	1735648	5986724	4 - 8 hours	Separate	Unnamed tributary of Te Hana Creek	Small waterway	3	Very Low	2	Moderate	2	2
DPMRN	1134	Low	Low	1	Operational	4	Snells Beach-Algies Bay	Mariners Wastewater Pump Station	47 Mariners Grove. Overflows first to storage chamber. When full, wastewater backs up and spills out of upstream manhole onto a grassy area in beach front.	1756165	5966812	1 - 4 hours	Separate	Algies Bay Beach	Beach	1	Low	2	Very Low	1	1
DPRUA	1136	Low	Low	1	Operational	24	Mangere	Ruaiti Road Wastewater Pump Station	25 Ruaiti Station, Mangere	1757232	5905572	No information available	Separate	Oruarangi Creek	Small waterway	1	High	2	Moderate	1	1
DPMC1	1138	Low	Low	1	Operational	28	Puhinui	McLaughlins Road 1 Wastewater Pump Station	39R McLaughlins Station, Manurewa	1764516	5903264	4 - 8 hours	Separate	Puhinui Stream	Large waterway	2	Very Low	2	Very Low	1	1
DPCHI	1139	Low	Low	1	Operational	27	Cockle Bay	Chisbury Terrace Wastewater Pump Station	18R Chisbury Station, Howick	1773393	5913117	1 - 4 hours	Separate	Maungamaungaroa Creek	Estuary	2	Very Low	1	Very Low	1	1
DPRNA	1140	Low	Low	1	Operational	27	Cockle Bay	Ramoana Mews Wastewater Pump Station	11 Ramoana Station, Howick	1772811	5912879	4 - 8 hours	Separate	Maungamaungaroa Creek	Estuary	2	Very Low	1	Very Low	1	1
DPLLO	1141	Low	Low	1	Operational	26	Upper Tamaki River	Lloyd Elsmore Park Wastewater Pump Station	2R Lloyd Station, Pakuranga	1769514	5914322	1 - 4 hours	Separate	Unnamed tributary of Pakuranga Creek (Highland Park)	Small waterway	3	Very Low	2	Moderate	1	1
DPCAS	1142	Low	Low	1	Operational	26	Upper Tamaki River	Cascades Road Wastewater Pump Station	to adjacent stormwater manhole, which discharges into Pakuranga Stream	1769709	5912994	1 - 4 hours	Separate	Pakuranga Creek	Estuary	3	Very Low	1	Very Low	1	1
DPGOS	1143	Medium	Medium	1	Operational	26	Upper Tamaki River	Gossamer Drive Wastewater Pump Station	52R Gossamer Station, Pakuranga	1768549	5913332	4 - 8 hours	Separate	Pakuranga Creek	Estuary	3	Very Low	1	Moderate	1	1
DPPEL	1149	Low	Low	1	Operational	26	Upper Tamaki River	Pelorus Place Wastewater Pump Station	12 Pelorus Station, Pakuranga	1765945	5912562	No information available	Separate	Upper Tamaki River	Estuary	1	Very Low	1	Very Low	1	1

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DPRHP	1150	Low	Low	1	Operational	26	Upper Tamaki River	Riverhills Park Wastewater Pump Station	Riverhills Station, Pakuranga	1768048	5912012	No information available	Separate	Pakuranga Creek	Estuary	3	Very Low	1	Very Low	1	1
DPCRY	1152	Low	Low	1	Operational	26	Upper Tamaki River	Cryers Road Wastewater Pump Station	then discharges into Pakuranga Creek	1768575	5911223	No information available	Separate	Pakuranga Creek	Estuary	3	Very Low	1	Very Low	1	1
DPHIS	1153	Low	Low	1	Operational	26	Upper Tamaki River	Harris Road Wastewater Pump Station	therefore overflows run down gravity line.	1768857	5910858	1 - 4 hours	Separate	Pakuranga Creek	Estuary	3	Very Low	1	Very Low	1	1
DPHIB	1154	Low	Low	1	Operational	26	Upper Tamaki River	Highbrook Park Wastewater Pump Station	52 Highbrook Station, East Tamaki	1766630	5911095	4 - 8 hours	Separate	Upper Tamaki River	Estuary	1	Very Low	1	Very Low	1	1
DPLUK	1155	Low	Low	1	Operational	26	Upper Tamaki River	Luke Place Wastewater Pump Station	9R Luke Station, Otara	1767388	5908843	No information available	Separate	Otara Creek	Estuary	2	Very Low	1	Very Low	1	1
DPLAW	1156	Low	Low	1	Operational	26	Upper Tamaki River	Lawrence Place Wastewater Pump Station	13 Lawrence Station, Otara	1767416	5907970	No information available	Separate	Unnamed tributary of Otara Creek (east)	Small waterway	3	Very Low	2	Moderate	1	1
DPLAM	1159	Low	Low	1	Operational	24	Mangere	Lambie Court Wastewater Pump Station	11 Lambie Station, Mangere	1762428	5907431	No information available	Separate	To land							
DPMNW	1163	Low	Low	1	Operational	28	Puhinui	Manurewa West Wastewater Pump Station	24R Manurewa Station, Manurewa	1765398	5901299	No information available	Separate	Puhinui Creek	Estuary	2	Very Low	1	Very Low	1	1
DPSET	1164	Low	Low	1	Operational	28	Puhinui	Settlers Cove Wastewater Pump Station	21R Settlers Station, Weymouth	1765376	5898820	No information available	Separate	Unnamed stream (flowing to Weymouth Beach)	Small waterway	3	Very Low	3	Very Low	1	1
DPWEY	1165	Low	Low	1	Operational	28	Puhinui	Weymouth Domain Wastewater Pump Station	38R Weymouth Station, Weymouth	1765118	5898575	No information available	Separate	Weymouth Beach	Beach	2	Low	1	Very Low	1	1
DPRYS	1166	Low	Low	1	Operational	29	Pahurehure Inlet	Roys Road Wastewater Pump Station	20R Roys Station, Weymouth	1765236	5897841	No information available	Separate	Te Pua Point	Beach	2	Low	2	Very Low	1	1
DPHMB	1168	Low	Low	1	Operational	25	Lower Tamaki River	Halfmoon Bay Marina Wastewater Pump Station	1 Halfmoon Station, Half Moon Bay	1769474	5916585	4 - 8 hours	Separate	Half Moon Bay Marina	Basin	2	Low	3	Very Low	1	1

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DPABE	1171	Low	Low	1	Operational	29	Pahurehure Inlet	Aberdeen Crescent Wastewater Pump Station	201R Aberdeen Station, Wattle Downs	1767257	5898024	No information available	Separate	To land							
DPMEB	1172	Low	Low	1	Operational	27	Cockle Bay	Mellons Bay Storage Tank	18 Mellons Tank, Mellons Bay	1771981	5916319	No information available	Separate	Mellons Bay	Beach	1	Low	2	Very Low	1	1
DPCOC	1173	Low	Low	1	Operational	27	Cockle Bay	Cockle Bay Storage Tank	12R Cockle Tank, Cockle Bay	1773770	5914489	No information available	Separate	Cockle Bay	Beach	1	Low	1	Very Low	1	1
DPMC2	1175	Low	Low	1	Operational	28	Puhinui	Mclaughlins Road 2 Wastewater Pump Station	55R Mclaughlins Station, Wiri	1764155	5902460	No information available	Separate	Unnamed tributary of Puhinui Stream near McLaughlin Rd	Small waterway	3	Very Low	2	Moderate	2	2
DPMP2	1177	Low	Low	1	Operational	28	Puhinui	Malaspina Place 2 Wastewater Pump Station	31R Malaspina Station, Papatoetoe	1763822	5906318	No information available	Separate	Unnamed stream in Kohuora Park	Small waterway	3	Very Low	2	Moderate	1	1
DPHBH	1178	Low	Low	1	Operational	23	Onehunga	Hillsborough Road Wastewater Pump Station	lid, Waiowhai Rd	1754437	5911225	> 8 hours	Separate	Waikowhai Bay	Beach	1	Low	1	Very Low	2	1
DPRVK	1179	Low	Low	1	Operational	23	Onehunga	Royal Viking Wastewater Pump Station	25 Royal Viking Way	1752565	5911919	> 8 hours	Separate	Wairaki Stream	Small Waterway	2	Moderate	2	Moderate	2	1
DPBA1	1181	Low	Low	1	Operational	26	Upper Tamaki River	Ballarat Street 1 Wastewater Pump Station	9 Ballarat Street	1762478	5914944	> 8 hours	Separate	To land							
DPMCD	1182	Low	Low	1	Operational	26	Upper Tamaki River	McDonald Crescent Wastewater Pump Station	10 McDonald Station, Mount Wellington	1762750	5915126	> 8 hours	Separate	To land							
DPHAR	1183	Low	Low	1	Operational	26	Upper Tamaki River	Harris Road Wastewater Pump Station	203a Harris Station, Mount Wellington	1763474	5915326	> 8 hours	Separate	To land							
DPMOT	1184	Low	Low	1	Operational	26	Upper Tamaki River	Motu Place Wastewater Pump Station	6 Motu Station, Mount Wellington	1763168	5914877	> 8 hours	Separate	To land							
DPFER	1185	Low	Low	1	Operational	26	Upper Tamaki River	Ferndale Road Wastewater Pump Station	44 Ferndale Station, Mount Wellington	1763023	5914673	> 8 hours	Separate	To land							
DPBNK	1186	Low	Low	1	Operational	26	Upper Tamaki River	Banks Street Wastewater Pump Station	4 Banks Station, Mount Wellington	1763431	5914765	4 - 8 hours	Separate	To land							

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DPPNM	1187	Low	Low	1	Operational	25	Lower Tamaki River	Panmure Wharf Wastewater Pump Station	102 Panmure Station, Panmure	1766421	5914341	> 8 hours	Separate	Lower Tamaki River	Estuary	2	Very Low	1	Very Low	1	1
DPBDG	1188	Low	Low	1	Operational	25	Lower Tamaki River	Bridge Street Wastewater Pump Station	13 Bridge Station, Panmure	1765563	5913856	> 8 hours	Separate	Lower Tamaki River	Estuary	2	Very Low	1	Very Low	1	1
DPWAT	1189	Low	Low	1	Operational	25	Lower Tamaki River	Watene Road Wastewater Pump Station	17 Watene Station, Panmure	1765238	5913953	> 8 hours	Separate	Panmure Basin	Basin	2	Low	1	Low	1	1
DPRD1	1190	Low	Low	1	Operational	26	Upper Tamaki River	Mount Richmond 1 Wastewater Pump Station	659 Mount Station, Mount Wellington	1764068	5910928	> 8 hours	Separate	Otahuhu Creek	Estuary	3	Very Low	2	Very Low	1	2
DPRD2	1191	Low	Low	1	Operational	26	Upper Tamaki River	Mount Richmond 2 Wastewater Pump Station	657 Mount Station, Mount Wellington	1764012	5911139	4 - 8 hours	Separate	Otahuhu Creek	Estuary	3	Very Low	2	Very Low	1	2
DPPO1	1192	Low	Low	1	Operational	24	Mangere	Portage Road 1 Wastewater Pump Station	63 Portage Station, Mount Wellington	1763776	5910746	> 8 hours	Separate	Ann's Creek	Estuary	3	Very Low	1	Very Low	1	2
DPRNY	1193	Low	Low	1	Operational	26	Upper Tamaki River	Rodney Street Wastewater Pump Station	11 Rodney Station, Otahuhu	1764955	5909569	4 - 8 hours	Separate	Upper Tamaki River (Middlemore Arm)	Estuary	3	Very Low	2	Very Low	1	1
DPHRD	1194	Low	Low	1	Operational	24	Mangere	Huia Road Wastewater Pump Station	81a Huia Station, Otahuhu	1763367	5909830	> 8 hours	Separate	To land							
DPBA2	1195	Low	Low	1	Operational	26	Upper Tamaki River	Ballarat Street 2 Wastewater Pump Station	50 Ballarat Station, Ellerslie	1762451	5915282	1 - 4 hours	Separate	To land							
DPCAR	1196	Low	Low	1	Operational	26	Upper Tamaki River	Carrs Place Wastewater Pump Station	14 Carrs Station, Ellerslie	1762449	5915462	4 - 8 hours	Separate	To land							
DPGN2	1197	Low	Low	1	Operational	36	Western Isthmus (CI)	Great North Road Wastewater Pump Station	737 Great Station, Grey Lynn	1750809	5914776	< 1 hour	Separate	Small tributary of Whau Creek 1	Small Waterway	3	Very Low	2	Moderate	2	1
DPWNG	1198	Low	Low	1	Operational	36	Western Isthmus (CI)	Wingate Street Wastewater Pump Station	114 Wingate Station, Avondale	1750148	5914844	4 - 8 hours	Separate	Whau River	Estuary	2	Very Low	1	Very Low	1	1
DPJOE	1200	Low	Low	1	Operational	26	Upper Tamaki River	Joe Stanley Place Wastewater Pump Station	37 Joe Station, Otahuhu	1765388	5910968	4 - 8 hours	Separate	Otahuhu Creek	Estuary	3	Very Low	2	Very Low	1	2
DPAAW	1226	Low	Low	1	Operational	12	Devonport-Takapuna	Arawa Wastewater Pump Station	6 Arawa Station, Cheltenham Beach	1761086	5923458	4 - 8 hours	Separate	Cheltenham Beach	Beach	1	Low	1	Very Low	1	1
DPCRA	1227	Low	Low	1	Operational	11	East Coast Bays	Craig Wastewater Pump Station	24 Craig Station, Milford	1757633	5929593	4 - 8 hours	Separate	Wairau Creek	Estuary	1	Very Low	1	Very Low	1	1
DPDEB	1228	Low	Low	1	Operational	10	Long Bay	Deborah Wastewater Pump Station	10 Deborah Station, Okura	1753490	5939800	1 - 4 hours	Separate	Okura Estuary	Estuary	2	Very Low	1	Very Low	1	1

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DPBE2	1229	Low	Low	1	Operational	11	East Coast Bays	Beach Road 2 Wastewater Pump Station	948 Beach Station, Torbay	1756445	5936777	4 - 8 hours	Separate	Deep Creek	Small waterway	3	Very Low	2	Moderate	1	1
DPOSC	1231	Low	Low	1	Operational	14	Upper Harbour North	Oscar Wastewater Pump Station	29 Oscar Station, Greenhithe	1748801	5929607	4 - 8 hours	Separate	Lucas Creek	Estuary	2	Very Low	1	Very Low	1	1
DPBUS	1232	Low	Low	1	Operational	14	Upper Harbour North	Bush Wastewater Pump Station	1 Bush Station, Albany	1752405	5933236	4 - 8 hours	Separate	Oteha Stream	Small waterway	3	Very Low	2	Moderate	1	1
DPCHS	1234	Low	Low	1	Operational	14	Upper Harbour North	Chester Wastewater Pump Station	31 Chester Station, Greenhithe	1751748	5930456	4 - 8 hours	Separate	Kyle Stream	Small waterway	3	Very Low	2	Moderate	1	1
DPOKU	1235	Low	Low	1	Operational	10	Long Bay	Okura Wastewater Pump Station	R43 Okura Station, Okura	1753878	5939934	4 - 8 hours	Separate	Okura Estuary	Estuary	2	Very Low	1	Very Low	1	1
DPBE1	1236	Low	Low	1	Operational	11	East Coast Bays	Beach Road 1 Wastewater Pump Station	R7 Beach Station, Castor Bay	1757474	5931022	1 - 4 hours	Separate	Beach at Kennedy Park	Beach	1	Low	2	Very Low	2	1
DPCHU	1237	Low	Low	1	Operational	11	East Coast Bays	Churchill Wastewater Pump Station	57 Churchill Station, Murrays Bay	1756699	5933919	1 - 4 hours	Separate	Churchill Coast	Beach	1	Low	2	Very Low	2	1
DPPTL	1238	Low	Low	1	Operational	11	East Coast Bays	Portal Wastewater Pump Station	R5 Portal Station, Murrays Bay	1756864	5933627	4 - 8 hours	Separate	Churchill Coast	Beach	1	Low	2	Very Low	2	1
DPRO2	1239	Low	Low	1	Operational	11	East Coast Bays	Rock Isle 2 Wastewater Pump Station	57 Rock Station, Torbay	1756715	5936801	> 8 hours	Separate	Waiake Beach	Beach	1	Low	2	Very Low	1	1
DPCLI	1240	Low	Low	1	Operational	11	East Coast Bays	Cliffs Wastewater Pump Station	80 Cliffs Station, Torbay	1757281	5937410	4 - 8 hours	Separate	Toroa Point	Beach	1	Low	2	Very Low	2	1
DPDRE	1241	Low	Low	1	Operational	14	Upper Harbour North	Dressage Wastewater Pump Station	27 Dressage Station, Greenhithe	1750231	5928910	4 - 8 hours	Separate	Orwell Stream	Small waterway	3	Very Low	2	Moderate	2	2
DPFRS	1243	Low	Low	1	Operational	34	Pukekohe	Fletchers Wastewater Pump Station	97 Fletchers Station, Patumahoe	1762139	5882908	> 8 hours	Separate	Stormwater pond (Fletcher Lane)	Small waterway	3	Very Low	3	Very Low	2	1
DPWEC	1244	Low	Low	1	Operational	34	Pukekohe	Wecks Wastewater Pump Station	14 Wecks Station, Pukekohe	1762427	5882772	> 8 hours	Separate	To land							
DPMTU	1245	Low	Low	1	Operational	34	Pukekohe	Mareretu Wastewater Pump Station	27B Mareretu Station, Patumahoe	1762549	5882925	> 8 hours	Separate	To land							
DPNES	1246	Low	Low	1	Operational	34	Pukekohe	North East Wastewater Pump Station	15 North Station, Pukekohe	1762989	5883117	> 8 hours	Separate	To land							
DPCHR	1247	Low	Low	1	Operational	34	Pukekohe	Cape Hill Road Wastewater Pump Station	10 Cape Station, Pukekohe	1769096	5882270	1 - 4 hours	Separate	Whangapouri Creek	Large waterway	3	Very Low	2	Very Low	2	1
DPLOC	1248	Low	Medium	1	Operational	34	Pukekohe	Lochview Wastewater Pump Station	6 Lochview Station, Pukekohe	1768906	5882623	> 8 hours	Separate	Stormwater pond (Lochview Reserve)	Small waterway	3	Low	3	Low	2	1

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DPISA	1249	Low	Low	1	Operational	34	Pukekohe	Isabella Drive Wastewater Pump Station	32 Isabella Station, Pukekohe	1769233	5882696	> 8 hours	Separate	To land							
DPDUB	1250	Low	Low	1	Operational	34	Pukekohe	Dublin Road Wastewater Pump Station	16 Dublin Station, Pukekohe	1768579	5881619	> 8 hours	Separate	To land							
DPMRW	1251	Low	Low	1	Operational	34	Pukekohe	Marble Wood Wastewater Pump Station	21 Marble Station, Pukekohe	1768312	5882336	1 - 4 hours	Separate	To land							
DPKRD	1252	Low	Low	1	Operational	34	Pukekohe	Kauri Road Wastewater Pump Station	7 Kauri Station, Pukekohe	1767492	5881673	> 8 hours	Separate	To land							
DPCL2	1253	Low	Low	1	Operational	34	Pukekohe	Colin Lawrie 2 Wastewater Pump Station	47 Colin Station, Pukekohe	1769680	5882022	> 8 hours	Separate	Whangapouri Creek	Large waterway	3	Very Low	2	Very Low	2	1
DPANS	1254	Low	Low	1	Operational	34	Pukekohe	Anselmi Ridge Wastewater Pump Station	200mm overflow pipe between wet well and downstream manhole/gravity pipeline.	1770225	5882075	> 8 hours	Separate	Whangapouri Creek	Large waterway	3	Very Low	2	Very Low	2	1
DPJEL	1255	Low	Low	1	Operational	7	HBC-Orewa	Jelas Wastewater Pump Station	7 Jelas Station, Orewa	1750612	5947630	4 - 8 hours	Separate	Southern arm of Orewa river estuary	Estuary	2	Very Low	1	Very Low	1	1
DPPIN	1256	Low	Low	1	Operational	9	HBC-Whangaparaoa	Pinecrest Wastewater Pump Station	180 Pinecrest Station, Gulf Harbour	1760549	5944898	4 - 8 hours	Separate	Stormwater pond-Gulf Harbour Country Club	Small waterway	3	Very Low	3	Very Low	2	1
DPLIL	1258			1	Operational	3	Warkworth	Lilburn Wastewater Pump Station	Memorial Park, Warkworth. Overflows out the top of the wet well onto PS building. Valve chamber will partly fill before overflow occurs.	1749735	5970350	1 - 4 hours	Separate	Stormwater pond (Lucy Moore Memorial Park)	Small waterway	3	0	3	0	2	1
DPORE	1259	Medium	Low	1	Operational	7	HBC-Orewa	Orewa Wastewater Pump Station	228 Orewa Station, Silverdale	1750231	5948366	> 8 hours	Separate	Orewa river estuary	Estuary	1	Low	1	Low	1	1
DPPAC	1260	Low	Low	1	Operational	9	HBC-Whangaparaoa	Pacific Wastewater Pump Station	Reserve). Overflows from upstream manhole into stormwater system, and then onto Esplanade reserve over the cliff edge.	1761402	5947736	4 - 8 hours	Separate	Army Bay Beach	Beach	1	Low	2	Very Low	1	1

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DPFLO	1262	Low	Low	1	Operational	7	HBC-Orewa	Florence Wastewater Pump Station	329 Florence Station, Orewa	1751627	5949864	4 - 8 hours	Separate	To land							
DPISV	1263	Low	Low	1	Operational	9	HBC-Whangaparaoa	Island View Wastewater Pump Station	29 Island Station, Okoromai Bay	1761439	5946344	4 - 8 hours	Separate	Okoromai Bay Beach	Beach	1	Low	1	Very Low	1	1
DPTAP	1265	Low	Low	1	Operational	7	HBC-Orewa	Tauranga Place Wastewater Pump Station	31 Tauranga Station, Orewa	1749815	5949155	1 - 4 hours	Separate	Northern arm of Orewa river estuary	Estuary	3	Very Low	2	Very Low	1	1
DPMAY	1266	Low	Low	1	Operational	7	HBC-Orewa	Maygrove Wastewater Pump Station	11 Maygrove Station, Orewa	1750884	5948748	4 - 8 hours	Separate	Orewa river estuary	Estuary	1	Very Low	1	Very Low	1	1
DPCOA	1267	Low	Low	1	Operational	8	HBC-Weiti	Coastal Heights Wastewater Pump Station	137 Duck Creek Road, Stillwater	1753122	5944039	4 - 8 hours	Separate	Weiti Estuary	Estuary	2	Very Low	1	Very Low	1	1
DPORB	1269	Low	Low	1	Operational	7	HBC-Orewa	Orewa Bridge South Wastewater Pump Station	over walkway along the foreshore and into the estuary. Or out the top of the manhole and into the estuary. This is a priority site for tankers due to the location of the pump stations and proximity to the public.	1751733	5948109	4 - 8 hours	Separate	Orewa river estuary	Estuary	1	Very Low	1	Very Low	1	1
DPROB	1272	Low	Low	1	Operational	9	HBC-Whangaparaoa	Roberts Road Wastewater Pump Station	150mm PVC overflow pipe with solids trap discharges into a nearby creek, eventually leading to Hobbs Bay	1759521	5945805	4 - 8 hours	Separate	Laurie Southwick Parade Stream	Small waterway	3	Very Low	2	Moderate	2	1
DPHOB	1274	Low	Low	1	Operational	16	Upper Harbour West	Hobsonville Wastewater Pump Station	44-50 Hobsonville Station, Hobsonville	1747889	5927115	> 8 hours	Separate	Te Okoriki Inlet	Estuary	3	Very Low	2	Very Low	1	1
DPHOP	1275	Low	Low	1	Operational	16	Upper Harbour West	Hobsonville Wholesale Wastewater Pump Station	2a Hobsonville Station, Hobsonville	1747498	5926793	4 - 8 hours	Separate	Wallace Inlet	Estuary	2	Very Low	2	Very Low	1	1
	1278	Low	Low	2	Operational	17	Henderson Creek	135 Millbrook Road	135 Millbrook Road, Henderson	1745625	5915528		Separate	Waikumete Stream	Large waterway	3	Very Low	2	Very Low	2	1
DPLGB	1404	Low	Low	1	Operational	10	Long Bay	Long Bay Wastewater Pump Station	1096 Long Station, Long Bay	1756286	5937996	> 8 hours	Separate	Awaruku Creek	Small Waterway	2	Moderate	2	Moderate	1	1

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DPSTF	1405	Low	Low	1	Operational	22	Hobson Bay	Stonefields Pump Station	25 Stonefields Station,	1763835	5915859	> 8 hours	Separate	Waiatarua Reserve Stream	Small waterway	3	Very Low	3	Very Low	2	1
	1406	Low	Low	2	Operational	25	Lower Tamaki River	61 - 67 Felton Matthew Ave	61 - 67 Felton Ave, St Johns	1764865	5917367		Unknown	Omaru Creek	Small waterway	2	Moderate	3	Very Low	1	1
	1408	Low	Low	1	Proposed	26	Upper Tamaki River	Howick Diversion Pump Station	172 Aviemore Drive, Howick	1770052	5913036	1 - 4 hours	Separate								
	1417	Low	Low	2	Operational	26	Upper Tamaki River	13 Lynley Place, Pakuranga	13 Lynley Pakuranga, Pakuranga	1768835	5913234		Separate	Pakuranga Creek	Estuary	3	Very Low	1	Very Low	1	1
	1442	Medium	Medium	2	Operational	15	Upper Harbour South	140 Birkdale Road	140 Birkdale Road, Birkdale	1751455	5925801		Separate	Rangatira Stream	Small waterway	3	Low	2	High	2	1
	1443	Low	Low	2	Operational	15	Upper Harbour South	128 Spinella Drive	128 Spinella Drive, Bayview	1753186	5929173		Separate	Glendhu Reserve Stream	Small waterway	3	Very Low	2	Moderate	2	1
	1502	Low	Low	2	Operational	36	Western Isthmus (CI)	84 Wolverton Rd	84 Wolverton Rd, Avondale	1750982	5913840		Unknown	Whau Creek	Small waterway	3	Very Low	1	High	1	1
	1505	Low	Low	2	Operational	36	Western Isthmus (CI)	13 Sefton Ave	13 Sefton Ave, Grey Lynn	1754317	5918786		Unknown	Upper Motions Creek	Small Waterway	3	Very Low	1	High	1	1
	1506	Medium	High	2	Operational	36	Western Isthmus (CI)	1/94 School Rd	1/94 School Rd, Kingsland	1754793	5918282		Unknown	Upper Motions Creek	Small Waterway	3	Moderate	1	Very high	1	1
	1508	Medium	High	2	Operational	36	Western Isthmus (CI)	37 Commercial Rd	39 Commercial Rd, Grey Lynn/Motions	1755347	5918284		Unknown	Upper Motions Creek	Small Waterway	3	Moderate	1	Very high	1	1
	1511	Low	Low	2	Operational	36	Western Isthmus (CI)	2 Harold Street	2 Harold Street, Point Chevalier	1756984	5918246		Unknown	Upper Motions Creek	Small Waterway	3	Very Low	1	High	1	1
	1514	High	High	2	Operational	36	Western Isthmus (CI)	Heron Park	1625 Heron Park, Waterview	1751105	5916612		Unknown	Waterview Inlet (Saltaire Street)	Estuary	3	Moderate	1	Very high	1	1
	1515	Low	Low	2	Operational	36	Western Isthmus (CI)	Branch 7 MH34	15 Branch MH34, Kingsland	1755387	5918213		Separate	Upper Motions Creek	Small Waterway	3	Very Low	1	High	1	1
DSB09B	1518	Medium	High	2	Operational	36	Western Isthmus (CI)	Hendon Ave (New Branch 9 Diversion)	88 Hendon Diversion), New Windsor	1752256	5915038		Combined	Oakley Creek (Allan Wood Reserve)	Large Waterway	3	Moderate	1	High	2	1
	1519	High	High	2	Operational	36	Western Isthmus (CI)	Phyllis Reserve	36 Phyllis Reserve, Mount Albert	1751791	5916655		Combined	Oakley Creek (Oakley Creek Walkway)	Large Waterway	2	Very high	1	High	1	1
DSMHD	1520	Low	Low	2	Operational	22	Hobson Bay	Orakei Sewer Main Hobson Diversion - Logan Terrace drop shaft	29R Orakei shaft, Parnell	1759704	5919354		Separate	Hobson Bay	Basin	2	Low	1	Low	1	1
	1522	Low	Medium	2	Operational	22	Hobson Bay	15 Dempsey Street	15 Dempsey Street, Remuera	1761079	5917849		Separate	Unnamed stream flowing to Hobson Bay	Small Waterway	2	High	1	Very high	2	1
	1523	Low	Low	2	Operational	36	Western Isthmus (CI)	Suffolk Street (A)	9 Suffolk A), Eden Terrace	1756370	5918853		Combined	Upper Motions Creek	Small Waterway	3	Very Low	1	High	1	1
	1525	Low	Low	2	Operational	36	Western Isthmus (CI)	22 - 24 Randolf Street	22 - 24 Randolf Street, Newton	1756584	5919023		Combined	Upper Motions Creek	Small Waterway	3	Very Low	1	High	1	1
DSB09	1526	Medium	Medium	2	Operational	36	Western Isthmus (CI)	Branch 9 MH91A	8a Branch A, Hillsborough	1755348	5912373		Combined	Oakley Creek (Keith Hay Park)	Small Waterway	2	High	3	Low	2	1

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DPWHN	1529	Low	Low	1	Operational	16	Upper Harbour West	PS 68 Whenuapai Wastewater Pump Station	167 PS Station, Whenuapai	1745683	5926094		Separate	Waiarohia Stream	Small waterway	3	Very Low	2	Moderate	2	1
DPMSN	1530	Low	Low	1	Operational	16	Upper Harbour West	PS69 Massey North Wastewater Pump Station	97B PS Station, Massey North	1743135	5925413		Separate	Totara Creek	Small waterway	3	Very Low	2	Moderate	2	2
	1531	Low	Low	2	Operational	36	Western Isthmus (CI)	68 Olsen Ave	62 Olsen Ave, Hillsorough	1756048	5912756		Separate	Tributary of Oakley Creek	Small waterway	3	Very Low	2	Moderate	2	1
	1532	Low	Medium	2	Operational	22	Hobson Bay	84 Reihana St	84 Reihana St, Okahu Bay	1762406	5919233		Separate	Okahu Bay	Beach	1	Moderate	2	Low	1	1
	1533	Low	Medium	2	Operational	25	Lower Tamaki River	208 Riddell Road	discharging to a concrete stormwater channel (private)	1767576	5918866		Separate	Hartland Avenue and Riddell Road Stormwater Culvert	Small waterway	3	Low	3	Low	2	1
	1534	Low	Low	2	Operational	26	Upper Tamaki River	22 Graeme Avenue	Graeme Avenue,	1763264	5906846		Separate	Upper Tamaki River (Middlemore Arm)	Estuary	3	Very Low	2	Very Low	1	1
	1535	Low	Low	2	Operational	28	Puhinui	145-147 Wyllie Road	Wyllie Road,	1764355	5904519		Separate	Puhinui Stream	Large waterway	2	Very Low	2	Very Low	1	1
	1536	Low	Low	2	Operational	18	Whau River	103 Seabrook Ave	103 Seabrook Ave, New Lynn	1748933	5912899		Separate	Manawa Stream	Small waterway	3	Very Low	2	Moderate	2	1
	1537	Low	Low	2	Operational	36	Western Isthmus (CI)	Suffolk Street (B)	Suffolk B),	1756376	5918858			Upper Motions Creek	Small Waterway	3	Very Low	1	High	1	1
	1538	Low	Low	2	Operational	36	Western Isthmus (CI)	30 Potatau St (B)	Potatau B),	1755913	5918589			Upper Motions Creek	Small Waterway	3	Very Low	1	High	1	1
	1539	Low	Low	2	Operational	17	Henderson Creek	Blethyn Place Reserve	Blethyn Reserve,	1746013	5919071		Separate	Henderson Creek (southern arm)	Estuary	2	Very Low	1	Very Low	1	1
	1540	Medium	Medium	2	Operational	3	Warkworth	Elizabeth Street	1 Elizabeth Street, Warkworth	1748974	5970714		Separate	Unnamed tributary (4) of Mahurangi River	Small waterway	3	Low	2	High	1	1
	1541	Low	Low	2	Operational	23	Onehunga	40 Beachcroft Avenue	40 Beachcroft Avenue, Onehunga	1757781	5912310		Separate	Onehunga Bay	Beach	1	Low	2	Very Low	1	1
DPNAV	1542	Low	Low	1	Operational	31	Beachlands-Maraetai	New Avenues WWPS	10 New WWPS, Beachlands	1778566	5914973		Separate	Unnamed stream to Pine Harbour Marina Beach (South)	Small Waterway	3	Very Low	2	Moderate	1	2
DPHO5	1543	Low	Low	1	Operational	16	Upper Harbour West	Hobsonville 5 Pump Station	Hobsonville Station,	1748686	5926515			Bomb Bay	Estuary	3	Very Low	1	Very Low	1	2
DPBRK	1545	Low	Low	1	Operational	16	Upper Harbour West	Brickworks Pump Station	2 Brickworks Station, Hobsonville	1747386	5925937		Separate	Limeburners Bay	Estuary	2	Very Low	2	Very Low	1	2
DPOTN	1546	Low	Low	1	Operational	26	Upper Tamaki River	Otahuhu North Diversion MH07	2 Otahuhu MH07, Otahuhu	1764282	5910612		Separate	Otahuhu Creek	Estuary	3	Very Low	2	Very Low	1	2
	1547	Medium	High	2	Operational	36	Western Isthmus (CI)	Miranda Reserve (B)	Miranda B),	1751279	5913682		Separate	Whau Creek	Small waterway	3	Moderate	1	Very high	1	1
	1548	Low	Low	2	Operational	36	Western Isthmus (CI)	3/42 Fairlands Ave	3/42 Fairlands Ave, Waterview	1751152	5916667			Waterview Inlet (Saltaire Street)	Estuary	3	Very Low	1	Very Low	1	1

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DSPPC	1549	Low	Low	2	Operational	26	Upper Tamaki River	14 McLean Ave	14 McLean Ave, Papatoetoe	1764294	5906965		Separate	Troon Creek	Small Waterway	3	Very Low	2	Moderate	2	2
DPPKE	1550	Low	Low	1	Operational	34	Pukekohe	Pukekohe Raceway Pump Station	1749 Pukekohe Station, Pukekohe	1771410	5879035		Separate	Unnamed tributary of the Tutaenui Stream	Small waterway	3	Very Low	3	Very Low	2	2
DPBUK	1551	Low	Low	1	Operational	34	Pukekohe	Bucklands Pump Station	1918 Bucklands Station, Pukekohe	1770682	5877780		Separate	Tutaenui Stream	Large waterway	3	Very Low	3	Very Low	2	2
	1556	Low	Low	2	Operational	17	Henderson Creek	GLEMH MH59C	471-479 GLEMH C, Glen Eden				Separate	Waikumete Stream	Large waterway	3	Very Low	2	Very Low	2	1
	1557	Low	Low	2	Operational	17	Henderson Creek	Upper Glen Eden Storage Tank	Upper Tank,				Separate	Waikumete Stream	Large waterway	3	Very Low	2	Very Low	2	1
	1559	Low	Low		Proposed			Glendowie	Glendowie Glendowie,												
	1562	Low	Low		Proposed			NewmarketGully_B03MH16	NewmarketGully MH16,												
	1563	Low	Low		Proposed			CoxsGate	CoxsGate CoxsGate,												
	1564	Low	Low		Proposed			KelmarnaGate	KelmarnaGate KelmarnaGate,												
	1565	Low	Low		Proposed			OtaraDiversion	OtaraDiversion OtaraDiversion,												
	1566	Low	Low		Proposed			SarsfieldGate	SarsfieldGate SarsfieldGate,												
	1567	Low	Low		Proposed			StMarysGate	StMarysGate StMarysGate,												
	1568				Proposed			TawarikiGate	TawarikiGate TawarikiGate,												
	1569				Proposed			WFI_Relief	WFI Relief,												
	1570				Proposed			PtErinGate	PtErinGate PtErinGate,												
	1571				Proposed			CC6Gate	CC Gate,												
DPHO2	1572			1	Operational	16	Upper Harbour West	Hobsonville 2 Pump Station	Hobsonville Station,	1748410	5927365		Separate	Te Okoriki Inlet	Estuary	3	Very Low	2	Very Low	1	1
DPHO4	1573			1	Operational	16	Upper Harbour West	Hobsonville 4 Pump Station	Hobsonville Station,	1748425	5926616		Separate	Bomb Bay	Estuary	3	Very Low	1	Very Low	1	2
	1574			2	Operational	22	Hobson Bay	21 Judges Bay Rd	9 Judges Rd, Parnell	1759459	5920211		Separate	Judges Bay	Basin	1	Low	1	Low	1	1
DSPAN	1575			2	Operational	29	Pahurehure Inlet	Papakura North MH08	Papakura MH08, Hingaia	1772128	5895902		Separate	Pahurehure Inlet Basin 3	Basin	3	Very Low	2	Low	2	1
	1576			2	Operational	11	East Coast Bays	16 Jutland St	16 Jutland St, Mairangi Bay	1756196	5932826		Separate	Unnamed watercourse off Jutland Street	Small waterway	3	Very Low	3	Very Low	2	1
DPORU	1577			1	Operational	24	Mangere	Oruarangi Pump Station	Oruarangi Station,	1757100	5904811		Separate	Oruarangi Creek	Small waterway	1	High	2	Moderate	1	1
DPOKR	1578			1	Operational	10	Long Bay	Okura River Rd Pump Station	278 Okura Station, Long Bay	1753948	5937792		Separate	Unnamed tributary (1) to Vaughan Stream	Small waterway	2	Moderate	2	Moderate	1	1

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DPPAM	1579			1	Operational	34	Pukekohe	Pamela Christine Pump Station	8 Pamela Station, Patumahoe	1761818	5883329		Separate	Stormwater pond (Pamela Christine Road)	Small waterway	3	Very Low	3	Very Low	2	1
	1580			2	Operational	22	Hobson Bay	4 St Marks Rd	4 St Rd, Newmarket	1758738	5917679		Separate	Newmarket Stream	Small waterway	3	Very Low	2	Moderate	1	1
	1581			2	Operational	25	Lower Tamaki River	54 Line Road	54 Line Road, Glen Innes	1765603	5917341		Separate	Omaru Creek	Small waterway	2	Moderate	3	Very Low	1	1
DPSC2	1582			1	Operational	16	Upper Harbour West	Scott Point 2 WWPS	Scott WWPS,	1748450	5925980		Separate	Nimrod Inlet	Estuary	3	Very Low	1	Very Low	1	2
	1583			2	Operational	17	Henderson Creek	16 Matipo Rd	22 Matipo Rd, Ta Atatu	0	0		Separate	Unnamed tributary to Henderson Creek	Small waterway	3	Very Low	1	High	2	1
DPWHV	1584			1	Operational	16	Upper Harbour West	Whenuapai Village PS	Whenuapai PS,	1743407	5927036		Separate	Stormwater pond (Tamiro Road)	Small waterway	3	Very Low	3	Very Low	2	1
DPROW	1585			1	Operational	34	Pukekohe	Rowles Rd PS	Rowles PS,	0	0		Separate	Stormwater pond (Wai Shing Place)	Small waterway	3	Very Low	3	Very Low	2	1
DPHAB	1586			1	Operational		Puhinui	Harbour Ridge Drive PS	Harbour PS,	0	0		Separate	Puhinui Stream	Large waterway	2	Very Low	2	Very Low	1	1
DPJUT	1587			1	Operational	34	Pukekohe	Jutland Rd WWPS	16 Jutland WWPS, Pukekohe	0	0		Separate	Unnamed tributary of Whangapouri Creek (Adams Rd)	Small waterway	3	Very Low	2	Moderate	2	1
DPSC3	1588			1	Operational			Scott Point 3 WWPS	Scott WWPS,	0	0		Separate	Nimrod Inlet	Estuary	3	Very Low	1	Very Low	1	2
	1589			2	Operational	36	Western Isthmus (CI)	153 Whitney Street	153 Whitney Street, Blockhouse Bay	1752206	5913308		Separate	Whau Creek	Small waterway	3	Very Low	1	High	1	1
DPWYN	1591			1	Operational	21	Central Auckland (CBD)	Wynyard Quarter PS	Wynyard PS,	0	0		Separate	Waitemata Harbour - CBD Edge	Harbour	2		3		1	1
DPFRD	1592			1	Operational	16	Upper Harbour West	84 Fred Taylor Drive PS	84 Fred PS, Redills	0	0		Separate	Ngongetepara Stream	Large waterway	3	Very Low	2	Very Low	2	1
	1593			1	Proposed	29	Pahurehure Inlet	Bremner Rd PS (207 Bremner Road)	207 Bremner Road),	0	0										
DPSC1	1594			1	Operational	16	Upper Harbour West	Scott Point 1 WWPS	165 Scott WWPS, Scott Point	0	0		Separate	Bomb Bay	Estuary	3	Very Low	1	Very Low	1	2
	1595			2	Operational	11	East Coast Bays	11 Jonathan Place	11 Jonathan Place, Sunnynook	0	0		Separate	Unnamed tributary of Wairau Stream	Small waterway	3	Very Low	3	Very Low	2	1
	1597				Proposed			St Marys Bay Diversion	St Diversion,	0	0										
	1598			2	Operational	22	Hobson Bay	21 Ayr Street	21 Ayr Street,	1758933	5918759		Separate	Newmarket Stream	Small waterway	3	Very Low	2	Moderate	1	1
	1601			2	Proposed			2/3 Chartwell Ave	Chartwell Ave,	0	0		Separate				0		0		
DPHO3	1602			1	Operational	16	Upper Harbour West	Hobsonville 3 Pump Station	Hobsonville Station, Hobsonville Point	1749168	5927225		Separate	Harrier Point	Beach	1	0	2	0	2	2

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	1603			2	Operational	32	Clarks Beach	84 Torkar Rd	84 Torkar Rd, Clarks Beach	1750920	5888722		Separate	Clarks Beach	Beach	1	0	1	0	1	1
	1604			2	Operational	17	Henderson Creek	10 Celsmere Lane	10 Celsmere Lane, Te Atatu Peninsula	1746650	5920482		Separate	Henderson Creek (southern arm)	Estuary	2	0	2	0	1	1
DSBHV40	1605				proposed			29a Cresta Ave	a Ave,	0	0		Separate								
	1606			2	Operational	11	East Coast Bays	83 Sunnynook Road	83 Sunnynook Road, Sunnynook	0	0		Separate	Unamed tributary of Wairau Stream	Small waterway	3		3		2	1
	1607			1	Proposed	7	HBC-Orewa	Weitii Pump Station	Weitii Station,	1747895	5946133		Separate	Weiti Stream	Large waterway	2		2		2	2
	1608				Proposed	11	East Coast Bays	9 Woodstock Road	9 Woodstock Road, Sunnynook	0	0		Separate	Unamed tributary of Wairau Stream	Small waterway	3		3		2	1
	1610				Proposed			269 Bremner Road	Bremner Road,	0	0		Separate								
	1611				Proposed	29	Pahurehure Inlet	355 Quarry Road	355 Quarry Road, Drury	1774808	5889272		Separate	Hingaia Stream	Large waterway	3		2		2	2
	1613				Proposed			218 West Hoe Heights, Orewa	West Orewa,	0	0		Separate								
DPFAL	1614			1	Operational	3	Warkworth	84 Falls Road	84 Falls Road, Warkworth	1748107	5970693		Separate	Unnamed watercourse	Small waterway	3		3		2	1
	1615				Proposed	29	Pahurehure Inlet	132 Bremner Road	132 Bremner Road, Drury	1772519	5891353		Separate								
	1616				Proposed	5	Wairewa	Waiwera WWTP	Waiwera WWTP, Wairewa	1751413	5954774		Separate	Wairewa Estuary	Estuary	1		1		1	1
	1617			1	Operational			Paremoremo	Paremoremo Paremoremo,	0	0										
	1618			1	Operational	29	Pahurehure Inlet	194 Mahia Rd	194 Mahia Rd, Manurewa	1767662	5898935		Separate	Waimahia Creek	Estuary	2		2		1	1
DPSY1	1619			1	Operational	23	Onehunga	Sylvania Crescent 1 Wastewater Pump Station	31 Sylvania Station, Lynfield						Harbour	3		1		2	2
DPGOD	1620			1	Operational	23	Mangere	Godwit Place Wastewater Pump Station	9 Godwit Station, Lynfield												
DSB01	1621			1	Operational		Hobson Bay	12 Woodley Ave, Remuera	12 Woodley Remuera, Remuera	TBC	TBC		Separate								
	1622			1	Operational	3	Warkworth	14 Wikitoria Lane	14 Wikitoria Lane, Warkworth	1748278	5971326		Separate	Mill Stream	Small waterway	3		2		2	1
DPKIA	1623			1	Proposed	4	Snells Beach-Algies Bay	Kia Kaha Drive PS	9 Kia PS, Algies Bay	1754906	5966794		Separate	Northern arm of Mahurangi Harbour (Cornell Circle)	Estuary	2		1		2	1
	1624				Proposed	16	Upper Harbour West			1748655	5926446		Separate	Bomb Bay	Estuary	3		1		1	2

APPENDIX 3: ADDITIONS TO THE WASTEWATER NETWORK

Table 3-1 New wastewater pipes installed during the reporting year, 1 July 2019 to 30 June 2020, in the catchments covered by the Network Discharge Consent Permit.

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
29/08/2019	51462169	Gravity Connection	PVC	100	Waste	Local	1. Wellsford	Existing
29/08/2019	51462171	Gravity Connection	PVC	100	Waste	Local	1. Wellsford	Existing
29/08/2019	51462172	Gravity Connection	PVC	100	Waste	Local	1. Wellsford	Existing
29/08/2019	51462173	Gravity Connection	PVC	100	Waste	Local	1. Wellsford	Existing
29/08/2019	51462174	Gravity Connection	PVC	100	Waste	Local	1. Wellsford	Existing
29/08/2019	51462176	Gravity Connection	PVC	100	Waste	Local	1. Wellsford	Existing
29/08/2019	51462177	Gravity Connection	PVC	100	Waste	Local	1. Wellsford	Existing
29/08/2019	51462178	Gravity Connection	PVC	100	Waste	Local	1. Wellsford	Existing
29/08/2019	51462179	Gravity Connection	PVC	100	Waste	Local	1. Wellsford	Existing
29/08/2019	51462180	Gravity Connection	PVC	100	Waste	Local	1. Wellsford	Existing
29/08/2019	51462182	Gravity Connection	PVC	100	Waste	Local	1. Wellsford	Existing
29/08/2019	51462183	Gravity Connection	PVC	100	Waste	Local	1. Wellsford	Existing
29/08/2019	51462184	Gravity Connection	PVC	100	Waste	Local	1. Wellsford	Existing
29/08/2019	51462187	Gravity Connection	PVC	100	Waste	Local	1. Wellsford	Existing
29/08/2019	51462188	Gravity Connection	PVC	100	Waste	Local	1. Wellsford	Existing
29/08/2019	51462190	Gravity Connection	PVC	100	Waste	Local	1. Wellsford	Existing
29/08/2019	51462193	Gravity Connection	PVC	100	Waste	Local	1. Wellsford	Existing
29/08/2019	51462196	Gravity Connection	PVC	100	Waste	Local	1. Wellsford	Existing
29/08/2019	51462198	Gravity Connection	PVC	100	Waste	Local	1. Wellsford	Existing
29/08/2019	51462210	Gravity Connection	PVC	100	Waste	Local	1. Wellsford	Existing
29/08/2019	51462211	Gravity Connection	PVC	100	Waste	Local	1. Wellsford	Existing
29/08/2019	51462167	Gravity Connection	PVC	100	Waste	Local	1. Wellsford	Existing
29/08/2019	51462169	Gravity Connection	PVC	100	Waste	Local	1. Wellsford	Existing
29/08/2019	51462171	Gravity Connection	PVC	100	Waste	Local	1. Wellsford	Existing
29/08/2019	51462172	Gravity Connection	PVC	100	Waste	Local	1. Wellsford	Existing
29/08/2019	51462173	Gravity Connection	PVC	100	Waste	Local	1. Wellsford	Existing
29/08/2019	51462174	Gravity Connection	PVC	100	Waste	Local	1. Wellsford	Existing
29/08/2019	51462176	Gravity Connection	PVC	100	Waste	Local	1. Wellsford	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
29/08/2019	51462177	Gravity Connection	PVC	100	Waste	Local	1. Wellsford	Existing
29/08/2019	51462178	Gravity Connection	PVC	100	Waste	Local	1. Wellsford	Existing
29/08/2019	51462179	Gravity Connection	PVC	100	Waste	Local	1. Wellsford	Existing
29/08/2019	51462180	Gravity Connection	PVC	100	Waste	Local	1. Wellsford	Existing
29/08/2019	51462182	Gravity Connection	PVC	100	Waste	Local	1. Wellsford	Existing
29/08/2019	51462183	Gravity Connection	PVC	100	Waste	Local	1. Wellsford	Existing
29/08/2019	51462184	Gravity Connection	PVC	100	Waste	Local	1. Wellsford	Existing
29/08/2019	51462187	Gravity Connection	PVC	100	Waste	Local	1. Wellsford	Existing
29/08/2019	51462188	Gravity Connection	PVC	100	Waste	Local	1. Wellsford	Existing
29/08/2019	51462190	Gravity Connection	PVC	100	Waste	Local	1. Wellsford	Existing
29/08/2019	51462193	Gravity Connection	PVC	100	Waste	Local	1. Wellsford	Existing
29/08/2019	51462196	Gravity Connection	PVC	100	Waste	Local	1. Wellsford	Existing
29/08/2019	51462198	Gravity Connection	PVC	100	Waste	Local	1. Wellsford	Existing
29/08/2019	51462210	Gravity Connection	PVC	100	Waste	Local	1. Wellsford	Existing
29/08/2019	51462211	Gravity Connection	PVC	100	Waste	Local	1. Wellsford	Existing
29/08/2019	51462167	Gravity Connection	PVC	100	Waste	Local	1. Wellsford	Existing
1/10/2019	51502534	Pressure Conn	PE	50	Waste	Local	2. Omaha	Existing
1/10/2019	51502536	Pressure Conn	PE	50	Waste	Local	2. Omaha	Existing
1/10/2019	51502538	Pressure Conn	PE	50	Waste	Local	2. Omaha	Existing
1/10/2019	51502534	Pressure Conn	PE	50	Waste	Local	2. Omaha	Existing
1/10/2019	51502536	Pressure Conn	PE	50	Waste	Local	2. Omaha	Existing
1/10/2019	51502538	Pressure Conn	PE	50	Waste	Local	2. Omaha	Existing
1/10/2019	51502524	Pressurised	PE	50	Waste	Local	2. Omaha	Existing
1/10/2019	51502525	Pressurised	PE	63	Waste	Local	2. Omaha	Existing
1/10/2019	51502526	Pressurised	PE	63	Waste	Local	2. Omaha	Existing
1/10/2019	51502524	Pressurised	PE	50	Waste	Local	2. Omaha	Existing
1/10/2019	51502525	Pressurised	PE	63	Waste	Local	2. Omaha	Existing
1/10/2019	51502526	Pressurised	PE	63	Waste	Local	2. Omaha	Existing
5/07/2019	51474088	Pressure Conn	PE	50	Waste	Local	3. Warkworth	Future
5/07/2019	51474089	Pressure Conn	PE	50	Waste	Local	3. Warkworth	Future

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
5/07/2019	51474090	Pressure Conn	PE	50	Waste	Local	3. Warkworth	Future
5/07/2019	51474091	Pressure Conn	PE	50	Waste	Local	3. Warkworth	Future
5/07/2019	51474092	Pressure Conn	PE	50	Waste	Local	3. Warkworth	Future
5/07/2019	51474095	Pressure Conn	PE	40	Waste	Local	3. Warkworth	Future
5/07/2019	51474096	Pressure Conn	PE	40	Waste	Local	3. Warkworth	Future
5/07/2019	51474099	Pressure Conn	PE	40	Waste	Local	3. Warkworth	Future
5/07/2019	51474100	Pressure Conn	PE	40	Waste	Local	3. Warkworth	Future
5/07/2019	51474103	Pressure Conn	PE	40	Waste	Local	3. Warkworth	Future
5/07/2019	51474104	Pressure Conn	PE	40	Waste	Local	3. Warkworth	Future
5/07/2019	51474108	Pressure Conn	PE	40	Waste	Local	3. Warkworth	Future
5/07/2019	51474110	Pressure Conn	PE	40	Waste	Local	3. Warkworth	Future
5/07/2019	51474113	Pressure Conn	PE	40	Waste	Local	3. Warkworth	Future
5/07/2019	51474116	Pressure Conn	PE	40	Waste	Local	3. Warkworth	Future
5/07/2019	51474152	Pressure Conn	PE	50	Waste	Local	3. Warkworth	Future
5/07/2019	51474421	Pressure Conn	PE	50	Waste	Local	3. Warkworth	Future
5/07/2019	51474422	Pressure Conn	PE	50	Waste	Local	3. Warkworth	Future
5/07/2019	51474423	Pressure Conn	PE	50	Waste	Local	3. Warkworth	Future
5/07/2019	51474424	Pressure Conn	PE	50	Waste	Local	3. Warkworth	Future
5/07/2019	51474425	Pressure Conn	PE	50	Waste	Local	3. Warkworth	Future
5/07/2019	51474426	Pressure Conn	PE	50	Waste	Local	3. Warkworth	Future
5/07/2019	51474427	Pressure Conn	PE	50	Waste	Local	3. Warkworth	Future
5/07/2019	51474428	Pressure Conn	PE	50	Waste	Local	3. Warkworth	Future
5/07/2019	51474431	Pressure Conn	PE	40	Waste	Local	3. Warkworth	Future
5/07/2019	51474432	Pressure Conn	PE	40	Waste	Local	3. Warkworth	Future
5/07/2019	51474435	Pressure Conn	PE	40	Waste	Local	3. Warkworth	Future
5/07/2019	51474436	Pressure Conn	PE	40	Waste	Local	3. Warkworth	Future
5/07/2019	51474439	Pressure Conn	PE	40	Waste	Local	3. Warkworth	Future
5/07/2019	51474440	Pressure Conn	PE	40	Waste	Local	3. Warkworth	Future
5/07/2019	51474443	Pressure Conn	PE	40	Waste	Local	3. Warkworth	Future
5/07/2019	51474444	Pressure Conn	PE	40	Waste	Local	3. Warkworth	Future

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
5/07/2019	51474447	Pressure Conn	PE	40	Waste	Local	3. Warkworth	Future
5/07/2019	51474448	Pressure Conn	PE	40	Waste	Local	3. Warkworth	Future
5/07/2019	51474451	Pressure Conn	PE	40	Waste	Local	3. Warkworth	Future
5/07/2019	51474452	Pressure Conn	PE	40	Waste	Local	3. Warkworth	Future
5/07/2019	51474455	Pressure Conn	PE	40	Waste	Local	3. Warkworth	Future
5/07/2019	51474456	Pressure Conn	PE	40	Waste	Local	3. Warkworth	Future
5/07/2019	51474458	Pressure Conn	PE	40	Waste	Local	3. Warkworth	Future
5/07/2019	51474460	Pressure Conn	PE	40	Waste	Local	3. Warkworth	Future
5/07/2019	51474463	Pressure Conn	PE	40	Waste	Local	3. Warkworth	Future
5/07/2019	51474464	Pressure Conn	PE	40	Waste	Local	3. Warkworth	Future
5/07/2019	51474469	Pressure Conn	PE	40	Waste	Local	3. Warkworth	Future
5/07/2019	51474088	Pressure Conn	PE	50	Waste	Local	3. Warkworth	Future
5/07/2019	51474089	Pressure Conn	PE	50	Waste	Local	3. Warkworth	Future
5/07/2019	51474090	Pressure Conn	PE	50	Waste	Local	3. Warkworth	Future
5/07/2019	51474091	Pressure Conn	PE	50	Waste	Local	3. Warkworth	Future
5/07/2019	51474092	Pressure Conn	PE	50	Waste	Local	3. Warkworth	Future
5/07/2019	51474095	Pressure Conn	PE	40	Waste	Local	3. Warkworth	Future
5/07/2019	51474096	Pressure Conn	PE	40	Waste	Local	3. Warkworth	Future
5/07/2019	51474099	Pressure Conn	PE	40	Waste	Local	3. Warkworth	Future
5/07/2019	51474100	Pressure Conn	PE	40	Waste	Local	3. Warkworth	Future
5/07/2019	51474103	Pressure Conn	PE	40	Waste	Local	3. Warkworth	Future
5/07/2019	51474104	Pressure Conn	PE	40	Waste	Local	3. Warkworth	Future
5/07/2019	51474108	Pressure Conn	PE	40	Waste	Local	3. Warkworth	Future
5/07/2019	51474110	Pressure Conn	PE	40	Waste	Local	3. Warkworth	Future
5/07/2019	51474113	Pressure Conn	PE	40	Waste	Local	3. Warkworth	Future
5/07/2019	51474116	Pressure Conn	PE	40	Waste	Local	3. Warkworth	Future
5/07/2019	51474152	Pressure Conn	PE	50	Waste	Local	3. Warkworth	Future
5/07/2019	51474421	Pressure Conn	PE	50	Waste	Local	3. Warkworth	Future
5/07/2019	51474422	Pressure Conn	PE	50	Waste	Local	3. Warkworth	Future
5/07/2019	51474423	Pressure Conn	PE	50	Waste	Local	3. Warkworth	Future

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
5/07/2019	51474424	Pressure Conn	PE	50	Waste	Local	3. Warkworth	Future
5/07/2019	51474425	Pressure Conn	PE	50	Waste	Local	3. Warkworth	Future
5/07/2019	51474426	Pressure Conn	PE	50	Waste	Local	3. Warkworth	Future
5/07/2019	51474427	Pressure Conn	PE	50	Waste	Local	3. Warkworth	Future
5/07/2019	51474428	Pressure Conn	PE	50	Waste	Local	3. Warkworth	Future
5/07/2019	51474431	Pressure Conn	PE	40	Waste	Local	3. Warkworth	Future
5/07/2019	51474432	Pressure Conn	PE	40	Waste	Local	3. Warkworth	Future
5/07/2019	51474435	Pressure Conn	PE	40	Waste	Local	3. Warkworth	Future
5/07/2019	51474436	Pressure Conn	PE	40	Waste	Local	3. Warkworth	Future
5/07/2019	51474439	Pressure Conn	PE	40	Waste	Local	3. Warkworth	Future
5/07/2019	51474440	Pressure Conn	PE	40	Waste	Local	3. Warkworth	Future
5/07/2019	51474443	Pressure Conn	PE	40	Waste	Local	3. Warkworth	Future
5/07/2019	51474444	Pressure Conn	PE	40	Waste	Local	3. Warkworth	Future
5/07/2019	51474447	Pressure Conn	PE	40	Waste	Local	3. Warkworth	Future
5/07/2019	51474448	Pressure Conn	PE	40	Waste	Local	3. Warkworth	Future
5/07/2019	51474451	Pressure Conn	PE	40	Waste	Local	3. Warkworth	Future
5/07/2019	51474452	Pressure Conn	PE	40	Waste	Local	3. Warkworth	Future
5/07/2019	51474455	Pressure Conn	PE	40	Waste	Local	3. Warkworth	Future
5/07/2019	51474456	Pressure Conn	PE	40	Waste	Local	3. Warkworth	Future
5/07/2019	51474458	Pressure Conn	PE	40	Waste	Local	3. Warkworth	Future
5/07/2019	51474460	Pressure Conn	PE	40	Waste	Local	3. Warkworth	Future
5/07/2019	51474463	Pressure Conn	PE	40	Waste	Local	3. Warkworth	Future
5/07/2019	51474464	Pressure Conn	PE	40	Waste	Local	3. Warkworth	Future
5/07/2019	51474469	Pressure Conn	PE	40	Waste	Local	3. Warkworth	Future
5/07/2019	51474082	Pressurised	PE	63	Waste	Local	3. Warkworth	Future
5/07/2019	51474085	Pressurised	PE	63	Waste	Local	3. Warkworth	Future
5/07/2019	51474133	Pressurised	PE	63	Waste	Local	3. Warkworth	Future
5/07/2019	51474134	Pressurised	PE	63	Waste	Local	3. Warkworth	Future
5/07/2019	51474139	Pressurised	PE	63	Waste	Local	3. Warkworth	Future
5/07/2019	51474140	Pressurised	PE	63	Waste	Local	3. Warkworth	Future

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
5/07/2019	51474141	Pressurised	PE	63	Waste	Local	3. Warkworth	Future
5/07/2019	51474144	Pressurised	PE	50	Waste	Local	3. Warkworth	Future
5/07/2019	51474148	Pressurised	PE	63	Waste	Local	3. Warkworth	Future
5/07/2019	51474466	Pressurised	PE	63	Waste	Local	3. Warkworth	Future
5/07/2019	51474082	Pressurised	PE	63	Waste	Local	3. Warkworth	Future
5/07/2019	51474085	Pressurised	PE	63	Waste	Local	3. Warkworth	Future
5/07/2019	51474133	Pressurised	PE	63	Waste	Local	3. Warkworth	Future
5/07/2019	51474134	Pressurised	PE	63	Waste	Local	3. Warkworth	Future
5/07/2019	51474139	Pressurised	PE	63	Waste	Local	3. Warkworth	Future
5/07/2019	51474140	Pressurised	PE	63	Waste	Local	3. Warkworth	Future
5/07/2019	51474141	Pressurised	PE	63	Waste	Local	3. Warkworth	Future
5/07/2019	51474144	Pressurised	PE	50	Waste	Local	3. Warkworth	Future
5/07/2019	51474148	Pressurised	PE	63	Waste	Local	3. Warkworth	Future
5/07/2019	51474466	Pressurised	PE	63	Waste	Local	3. Warkworth	Future
5/07/2019	51474128	Pressurised	PE	63	Waste	Local	3. Warkworth	Existing
5/07/2019	51474128	Pressurised	PE	63	Waste	Local	3. Warkworth	Existing
5/07/2019	51474151	Vacuum Conn	PE	50	Waste	Local	3. Warkworth	Future
5/07/2019	51474151	Vacuum Conn	PE	50	Waste	Local	3. Warkworth	Future
8/08/2019	51474500	Pressure Conn	PE	40	Waste	Local	3. Warkworth	Future
8/08/2019	51474497	Pressure Conn	PE	50	Waste	Local	3. Warkworth	Future
8/08/2019	51474501	Pressure Conn	PE	50	Waste	Local	3. Warkworth	Future
8/08/2019	51474504	Pressure Conn	PE	40	Waste	Local	3. Warkworth	Future
8/08/2019	51474505	Pressure Conn	PE	40	Waste	Local	3. Warkworth	Future
8/08/2019	51474506	Pressure Conn	PE	50	Waste	Local	3. Warkworth	Future
8/08/2019	51474509	Pressure Conn	PE	40	Waste	Local	3. Warkworth	Future
8/08/2019	51474510	Pressure Conn	PE	40	Waste	Local	3. Warkworth	Future
8/08/2019	51474511	Pressure Conn	PE	50	Waste	Local	3. Warkworth	Future
8/08/2019	51474514	Pressure Conn	PE	40	Waste	Local	3. Warkworth	Future
8/08/2019	51474515	Pressure Conn	PE	40	Waste	Local	3. Warkworth	Future
8/08/2019	51474517	Pressure Conn	PE	40	Waste	Local	3. Warkworth	Future

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
8/08/2019	51474525	Pressure Conn	PE	50	Waste	Local	3. Warkworth	Future
8/08/2019	51474530	Pressure Conn	PE	40	Waste	Local	3. Warkworth	Future
8/08/2019	51474531	Pressure Conn	PE	40	Waste	Local	3. Warkworth	Future
8/08/2019	51474534	Pressure Conn	PE	40	Waste	Local	3. Warkworth	Future
8/08/2019	51474538	Pressure Conn	PE	40	Waste	Local	3. Warkworth	Future
8/08/2019	51474539	Pressure Conn	PE	40	Waste	Local	3. Warkworth	Future
8/08/2019	51474500	Pressure Conn	PE	40	Waste	Local	3. Warkworth	Future
8/08/2019	51474497	Pressure Conn	PE	50	Waste	Local	3. Warkworth	Future
8/08/2019	51474501	Pressure Conn	PE	50	Waste	Local	3. Warkworth	Future
8/08/2019	51474504	Pressure Conn	PE	40	Waste	Local	3. Warkworth	Future
8/08/2019	51474505	Pressure Conn	PE	40	Waste	Local	3. Warkworth	Future
8/08/2019	51474506	Pressure Conn	PE	50	Waste	Local	3. Warkworth	Future
8/08/2019	51474509	Pressure Conn	PE	40	Waste	Local	3. Warkworth	Future
8/08/2019	51474510	Pressure Conn	PE	40	Waste	Local	3. Warkworth	Future
8/08/2019	51474511	Pressure Conn	PE	50	Waste	Local	3. Warkworth	Future
8/08/2019	51474514	Pressure Conn	PE	40	Waste	Local	3. Warkworth	Future
8/08/2019	51474515	Pressure Conn	PE	40	Waste	Local	3. Warkworth	Future
8/08/2019	51474517	Pressure Conn	PE	40	Waste	Local	3. Warkworth	Future
8/08/2019	51474525	Pressure Conn	PE	50	Waste	Local	3. Warkworth	Future
8/08/2019	51474530	Pressure Conn	PE	40	Waste	Local	3. Warkworth	Future
8/08/2019	51474531	Pressure Conn	PE	40	Waste	Local	3. Warkworth	Future
8/08/2019	51474534	Pressure Conn	PE	40	Waste	Local	3. Warkworth	Future
8/08/2019	51474538	Pressure Conn	PE	40	Waste	Local	3. Warkworth	Future
8/08/2019	51474539	Pressure Conn	PE	40	Waste	Local	3. Warkworth	Future
8/08/2019	51474495	Pressurised	PE	50	Waste	Local	3. Warkworth	Future
8/08/2019	51474479	Pressurised	PE	63	Waste	Local	3. Warkworth	Future
8/08/2019	51474480	Pressurised	PE	63	Waste	Local	3. Warkworth	Future
8/08/2019	51474496	Pressurised	PE	63	Waste	Local	3. Warkworth	Future
8/08/2019	51474522	Pressurised	PE	50	Waste	Local	3. Warkworth	Future
8/08/2019	51474523	Pressurised	PE	63	Waste	Local	3. Warkworth	Future

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
8/08/2019	51474495	Pressurised	PE	50	Waste	Local	3. Warkworth	Future
8/08/2019	51474479	Pressurised	PE	63	Waste	Local	3. Warkworth	Future
8/08/2019	51474480	Pressurised	PE	63	Waste	Local	3. Warkworth	Future
8/08/2019	51474496	Pressurised	PE	63	Waste	Local	3. Warkworth	Future
8/08/2019	51474522	Pressurised	PE	50	Waste	Local	3. Warkworth	Future
8/08/2019	51474523	Pressurised	PE	63	Waste	Local	3. Warkworth	Future
8/08/2019	51474519	Vacuum Conn	PE	50	Waste	Local	3. Warkworth	Future
8/08/2019	51474519	Vacuum Conn	PE	50	Waste	Local	3. Warkworth	Future
17/09/2019	51462004	Gravity	PVC	150	Waste	Local	3. Warkworth	Existing
17/09/2019	51462004	Gravity	PVC	150	Waste	Local	3. Warkworth	Existing
17/12/2019	51502126	Gravity Connection	PVC	100	Waste	Local	3. Warkworth	Existing
17/12/2019	51502126	Gravity Connection	PVC	100	Waste	Local	3. Warkworth	Existing
17/12/2019	51502093	Pressure Conn	PE	50	Waste	Local	3. Warkworth	Existing
17/12/2019	51502115	Pressure Conn	PE	50	Waste	Local	3. Warkworth	Existing
17/12/2019	51502133	Pressure Conn	PE	50	Waste	Local	3. Warkworth	Existing
17/12/2019	51502093	Pressure Conn	PE	50	Waste	Local	3. Warkworth	Existing
17/12/2019	51502115	Pressure Conn	PE	50	Waste	Local	3. Warkworth	Existing
17/12/2019	51502133	Pressure Conn	PE	50	Waste	Local	3. Warkworth	Existing
4/02/2020	51508955	Gravity Connection	PVC	100	Waste	Local	3. Warkworth	Future
4/02/2020	51508955	Gravity Connection	PVC	100	Waste	Local	3. Warkworth	Future
5/02/2020	51508550	Pressure Conn	PE	50	Waste	Local	3. Warkworth	Existing
5/02/2020	51508551	Pressure Conn	PE	50	Waste	Local	3. Warkworth	Existing
5/02/2020	51508555	Pressure Conn	PE	50	Waste	Local	3. Warkworth	Existing
5/02/2020	51508579	Pressure Conn	PE	50	Waste	Local	3. Warkworth	Existing
5/02/2020	51508581	Pressure Conn	PE	50	Waste	Local	3. Warkworth	Existing
5/02/2020	51508580	Pressure Conn	PE	50	Waste	Local	3. Warkworth	Existing
5/02/2020	51508582	Pressure Conn	PE	50	Waste	Local	3. Warkworth	Existing
5/02/2020	51508588	Pressure Conn	PE	50	Waste	Local	3. Warkworth	Existing
5/02/2020	51508589	Pressure Conn	PE	50	Waste	Local	3. Warkworth	Existing
5/02/2020	51508607	Pressure Conn	PE	50	Waste	Local	3. Warkworth	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
5/02/2020	51508595	Pressure Conn	PE	50	Waste	Local	3. Warkworth	Existing
5/02/2020	51508601	Pressure Conn	PE	50	Waste	Local	3. Warkworth	Existing
5/02/2020	51508602	Pressure Conn	PE	50	Waste	Local	3. Warkworth	Existing
5/02/2020	51508605	Pressure Conn	PE	50	Waste	Local	3. Warkworth	Existing
5/02/2020	51508606	Pressure Conn	PE	50	Waste	Local	3. Warkworth	Existing
5/02/2020	51508616	Pressure Conn	PE	50	Waste	Local	3. Warkworth	Existing
5/02/2020	51508618	Pressure Conn	PE	50	Waste	Local	3. Warkworth	Existing
5/02/2020	51508630	Pressure Conn	PE	50	Waste	Local	3. Warkworth	Existing
5/02/2020	51508632	Pressure Conn	PE	50	Waste	Local	3. Warkworth	Existing
5/02/2020	51508639	Pressure Conn	PE	50	Waste	Local	3. Warkworth	Existing
5/02/2020	51508640	Pressure Conn	PE	50	Waste	Local	3. Warkworth	Existing
5/02/2020	51508641	Pressure Conn	PE	50	Waste	Local	3. Warkworth	Existing
5/02/2020	51508900	Pressure Conn	PE	50	Waste	Local	3. Warkworth	Existing
5/02/2020	51508550	Pressure Conn	PE	50	Waste	Local	3. Warkworth	Existing
5/02/2020	51508551	Pressure Conn	PE	50	Waste	Local	3. Warkworth	Existing
5/02/2020	51508555	Pressure Conn	PE	50	Waste	Local	3. Warkworth	Existing
5/02/2020	51508579	Pressure Conn	PE	50	Waste	Local	3. Warkworth	Existing
5/02/2020	51508581	Pressure Conn	PE	50	Waste	Local	3. Warkworth	Existing
5/02/2020	51508580	Pressure Conn	PE	50	Waste	Local	3. Warkworth	Existing
5/02/2020	51508582	Pressure Conn	PE	50	Waste	Local	3. Warkworth	Existing
5/02/2020	51508588	Pressure Conn	PE	50	Waste	Local	3. Warkworth	Existing
5/02/2020	51508589	Pressure Conn	PE	50	Waste	Local	3. Warkworth	Existing
5/02/2020	51508607	Pressure Conn	PE	50	Waste	Local	3. Warkworth	Existing
5/02/2020	51508595	Pressure Conn	PE	50	Waste	Local	3. Warkworth	Existing
5/02/2020	51508601	Pressure Conn	PE	50	Waste	Local	3. Warkworth	Existing
5/02/2020	51508602	Pressure Conn	PE	50	Waste	Local	3. Warkworth	Existing
5/02/2020	51508605	Pressure Conn	PE	50	Waste	Local	3. Warkworth	Existing
5/02/2020	51508606	Pressure Conn	PE	50	Waste	Local	3. Warkworth	Existing
5/02/2020	51508616	Pressure Conn	PE	50	Waste	Local	3. Warkworth	Existing
5/02/2020	51508618	Pressure Conn	PE	50	Waste	Local	3. Warkworth	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
5/02/2020	51508630	Pressure Conn	PE	50	Waste	Local	3. Warkworth	Existing
5/02/2020	51508632	Pressure Conn	PE	50	Waste	Local	3. Warkworth	Existing
5/02/2020	51508639	Pressure Conn	PE	50	Waste	Local	3. Warkworth	Existing
5/02/2020	51508640	Pressure Conn	PE	50	Waste	Local	3. Warkworth	Existing
5/02/2020	51508641	Pressure Conn	PE	50	Waste	Local	3. Warkworth	Existing
5/02/2020	51508900	Pressure Conn	PE	50	Waste	Local	3. Warkworth	Existing
7/02/2020	51509345	Gravity Connection	PVC	100	Waste	Local	3. Warkworth	Existing
7/02/2020	51509347	Gravity Connection	PVC	100	Waste	Local	3. Warkworth	Existing
7/02/2020	51509345	Gravity Connection	PVC	100	Waste	Local	3. Warkworth	Existing
7/02/2020	51509347	Gravity Connection	PVC	100	Waste	Local	3. Warkworth	Existing
24/07/2019	51446957	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Existing
24/07/2019	51446958	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Existing
24/07/2019	51446959	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Existing
24/07/2019	51446960	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Existing
24/07/2019	51446957	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Existing
24/07/2019	51446958	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Existing
24/07/2019	51446959	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Existing
24/07/2019	51446960	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Existing
24/07/2019	51446961	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
24/07/2019	51446962	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
24/07/2019	51446963	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
24/07/2019	51446961	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
24/07/2019	51446962	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
24/07/2019	51446963	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
11/08/2019	51467569	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Existing
11/08/2019	51467569	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Existing
12/08/2019	51518034	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
12/08/2019	51518035	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
12/08/2019	51518036	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
12/08/2019	51518037	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
12/08/2019	51518034	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
12/08/2019	51518035	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
12/08/2019	51518036	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
12/08/2019	51518037	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
20/08/2019	51305625	Pressure Conn	PE	50	Waste	Local	7. HBC-Orewa	Existing
20/08/2019	51305627	Pressure Conn	PE	50	Waste	Local	7. HBC-Orewa	Existing
20/08/2019	51305628	Pressure Conn	PE	50	Waste	Local	7. HBC-Orewa	Existing
20/08/2019	51305631	Pressure Conn	PE	50	Waste	Local	7. HBC-Orewa	Existing
20/08/2019	51305632	Pressure Conn	PE	50	Waste	Local	7. HBC-Orewa	Existing
20/08/2019	51305635	Pressure Conn	PE	50	Waste	Local	7. HBC-Orewa	Existing
20/08/2019	51305625	Pressure Conn	PE	50	Waste	Local	7. HBC-Orewa	Existing
20/08/2019	51305627	Pressure Conn	PE	50	Waste	Local	7. HBC-Orewa	Existing
20/08/2019	51305628	Pressure Conn	PE	50	Waste	Local	7. HBC-Orewa	Existing
20/08/2019	51305631	Pressure Conn	PE	50	Waste	Local	7. HBC-Orewa	Existing
20/08/2019	51305632	Pressure Conn	PE	50	Waste	Local	7. HBC-Orewa	Existing
20/08/2019	51305635	Pressure Conn	PE	50	Waste	Local	7. HBC-Orewa	Existing
21/08/2019	51453734	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
21/08/2019	51453736	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
21/08/2019	51453734	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
21/08/2019	51453736	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
29/08/2019	51291799	Pressure Conn	PE	50	Waste	Local	7. HBC-Orewa	Existing
29/08/2019	51291827	Pressure Conn	PE	50	Waste	Local	7. HBC-Orewa	Existing
29/08/2019	51291835	Pressure Conn	PE	50	Waste	Local	7. HBC-Orewa	Existing
29/08/2019	51291845	Pressure Conn	PE	50	Waste	Local	7. HBC-Orewa	Existing
29/08/2019	51291848	Pressure Conn	PE	50	Waste	Local	7. HBC-Orewa	Existing
29/08/2019	51291849	Pressure Conn	PE	50	Waste	Local	7. HBC-Orewa	Existing
29/08/2019	51291856	Pressure Conn	PE	50	Waste	Local	7. HBC-Orewa	Existing
29/08/2019	51291857	Pressure Conn	PE	50	Waste	Local	7. HBC-Orewa	Existing
29/08/2019	51291859	Pressure Conn	PE	50	Waste	Local	7. HBC-Orewa	Existing
29/08/2019	51291862	Pressure Conn	PE	50	Waste	Local	7. HBC-Orewa	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
29/08/2019	51291863	Pressure Conn	PE	50	Waste	Local	7. HBC-Orewa	Existing
29/08/2019	51291865	Pressure Conn	PE	50	Waste	Local	7. HBC-Orewa	Existing
29/08/2019	51291799	Pressure Conn	PE	50	Waste	Local	7. HBC-Orewa	Existing
29/08/2019	51291827	Pressure Conn	PE	50	Waste	Local	7. HBC-Orewa	Existing
29/08/2019	51291835	Pressure Conn	PE	50	Waste	Local	7. HBC-Orewa	Existing
29/08/2019	51291845	Pressure Conn	PE	50	Waste	Local	7. HBC-Orewa	Existing
29/08/2019	51291848	Pressure Conn	PE	50	Waste	Local	7. HBC-Orewa	Existing
29/08/2019	51291849	Pressure Conn	PE	50	Waste	Local	7. HBC-Orewa	Existing
29/08/2019	51291856	Pressure Conn	PE	50	Waste	Local	7. HBC-Orewa	Existing
29/08/2019	51291857	Pressure Conn	PE	50	Waste	Local	7. HBC-Orewa	Existing
29/08/2019	51291859	Pressure Conn	PE	50	Waste	Local	7. HBC-Orewa	Existing
29/08/2019	51291862	Pressure Conn	PE	50	Waste	Local	7. HBC-Orewa	Existing
29/08/2019	51291863	Pressure Conn	PE	50	Waste	Local	7. HBC-Orewa	Existing
29/08/2019	51291865	Pressure Conn	PE	50	Waste	Local	7. HBC-Orewa	Existing
1/09/2019	51137073	Pressure Conn	PE	50	Waste	Local	7. HBC-Orewa	Existing
1/09/2019	51137073	Pressure Conn	PE	50	Waste	Local	7. HBC-Orewa	Existing
23/09/2019	51472541	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Existing
23/09/2019	51472542	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Existing
23/09/2019	51472543	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Existing
23/09/2019	51472545	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Existing
23/09/2019	51472547	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Existing
23/09/2019	51472573	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Existing
23/09/2019	51472574	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Existing
23/09/2019	51472575	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Existing
23/09/2019	51472576	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Existing
23/09/2019	51472588	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Existing
23/09/2019	51472589	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Existing
23/09/2019	51472591	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Existing
23/09/2019	51472593	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Existing
23/09/2019	51472619	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
23/09/2019	51472620	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Existing
23/09/2019	51472621	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Existing
23/09/2019	51472622	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Existing
23/09/2019	51472623	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Existing
23/09/2019	51472624	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Existing
23/09/2019	51472625	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Existing
23/09/2019	51472627	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Existing
23/09/2019	51472629	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Existing
23/09/2019	51472631	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Existing
23/09/2019	51472634	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Existing
23/09/2019	51472635	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Existing
23/09/2019	51472541	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Existing
23/09/2019	51472542	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Existing
23/09/2019	51472543	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Existing
23/09/2019	51472545	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Existing
23/09/2019	51472547	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Existing
23/09/2019	51472573	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Existing
23/09/2019	51472574	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Existing
23/09/2019	51472575	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Existing
23/09/2019	51472576	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Existing
23/09/2019	51472588	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Existing
23/09/2019	51472589	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Existing
23/09/2019	51472591	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Existing
23/09/2019	51472593	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Existing
23/09/2019	51472619	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Existing
23/09/2019	51472620	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Existing
23/09/2019	51472621	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Existing
23/09/2019	51472622	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Existing
23/09/2019	51472623	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Existing
23/09/2019	51472624	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
23/09/2019	51472625	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Existing
23/09/2019	51472627	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Existing
23/09/2019	51472629	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Existing
23/09/2019	51472631	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Existing
23/09/2019	51472634	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Existing
23/09/2019	51472635	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Existing
23/09/2019	51472556	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
23/09/2019	51472557	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
23/09/2019	51472558	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
23/09/2019	51472559	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
23/09/2019	51472560	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
23/09/2019	51472563	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
23/09/2019	51472564	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
23/09/2019	51472565	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
23/09/2019	51472566	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
23/09/2019	51472567	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
23/09/2019	51472595	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
23/09/2019	51472597	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
23/09/2019	51472598	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
23/09/2019	51472600	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
23/09/2019	51472601	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
23/09/2019	51472602	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
23/09/2019	51472604	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
23/09/2019	51472605	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
23/09/2019	51472606	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
23/09/2019	51472607	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
23/09/2019	51472608	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
23/09/2019	51472653	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
23/09/2019	51472654	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
23/09/2019	51472655	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
23/09/2019	51472656	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
23/09/2019	51472657	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
23/09/2019	51472658	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
23/09/2019	51472659	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
23/09/2019	51472660	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
23/09/2019	51472661	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
23/09/2019	51472662	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
23/09/2019	51472663	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
23/09/2019	51472664	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
23/09/2019	51472665	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
23/09/2019	51472666	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
23/09/2019	51472667	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
23/09/2019	51472556	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
23/09/2019	51472557	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
23/09/2019	51472558	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
23/09/2019	51472559	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
23/09/2019	51472560	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
23/09/2019	51472563	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
23/09/2019	51472564	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
23/09/2019	51472565	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
23/09/2019	51472566	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
23/09/2019	51472567	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
23/09/2019	51472595	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
23/09/2019	51472597	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
23/09/2019	51472598	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
23/09/2019	51472600	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
23/09/2019	51472601	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
23/09/2019	51472602	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
23/09/2019	51472604	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
23/09/2019	51472605	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
23/09/2019	51472606	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
23/09/2019	51472607	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
23/09/2019	51472608	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
23/09/2019	51472653	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
23/09/2019	51472654	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
23/09/2019	51472655	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
23/09/2019	51472656	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
23/09/2019	51472657	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
23/09/2019	51472658	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
23/09/2019	51472659	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
23/09/2019	51472660	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
23/09/2019	51472661	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
23/09/2019	51472662	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
23/09/2019	51472663	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
23/09/2019	51472664	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
23/09/2019	51472665	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
23/09/2019	51472666	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
23/09/2019	51472667	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
1/10/2019	51479671	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
1/10/2019	51479676	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
1/10/2019	51479681	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
1/10/2019	51479683	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
1/10/2019	51479688	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
1/10/2019	51479692	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
1/10/2019	51479694	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
1/10/2019	51487067	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
1/10/2019	51487068	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
1/10/2019	51487069	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
1/10/2019	51479671	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
1/10/2019	51479676	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
1/10/2019	51479681	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
1/10/2019	51479683	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
1/10/2019	51479688	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
1/10/2019	51479692	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
1/10/2019	51479694	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
1/10/2019	51487067	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
1/10/2019	51487068	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
1/10/2019	51487069	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
21/10/2019	51474153	Pressure Conn	PE	50	Waste	Local	7. HBC-Orewa	Existing
21/10/2019	51474170	Pressure Conn	PE	50	Waste	Local	7. HBC-Orewa	Existing
21/10/2019	51474168	Pressure Conn	PE	50	Waste	Local	7. HBC-Orewa	Existing
21/10/2019	51474166	Pressure Conn	PE	50	Waste	Local	7. HBC-Orewa	Existing
21/10/2019	51474164	Pressure Conn	PE	50	Waste	Local	7. HBC-Orewa	Existing
21/10/2019	51474169	Pressure Conn	PE	50	Waste	Local	7. HBC-Orewa	Existing
21/10/2019	51474167	Pressure Conn	PE	50	Waste	Local	7. HBC-Orewa	Existing
21/10/2019	51474165	Pressure Conn	PE	50	Waste	Local	7. HBC-Orewa	Existing
21/10/2019	51474163	Pressure Conn	PE	50	Waste	Local	7. HBC-Orewa	Existing
21/10/2019	51474153	Pressure Conn	PE	50	Waste	Local	7. HBC-Orewa	Existing
21/10/2019	51474170	Pressure Conn	PE	50	Waste	Local	7. HBC-Orewa	Existing
21/10/2019	51474168	Pressure Conn	PE	50	Waste	Local	7. HBC-Orewa	Existing
21/10/2019	51474166	Pressure Conn	PE	50	Waste	Local	7. HBC-Orewa	Existing
21/10/2019	51474164	Pressure Conn	PE	50	Waste	Local	7. HBC-Orewa	Existing
21/10/2019	51474169	Pressure Conn	PE	50	Waste	Local	7. HBC-Orewa	Existing
21/10/2019	51474167	Pressure Conn	PE	50	Waste	Local	7. HBC-Orewa	Existing
21/10/2019	51474165	Pressure Conn	PE	50	Waste	Local	7. HBC-Orewa	Existing
21/10/2019	51474163	Pressure Conn	PE	50	Waste	Local	7. HBC-Orewa	Existing
23/10/2019	51475105	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
23/10/2019	51475106	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
23/10/2019	51475107	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
23/10/2019	51475108	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
23/10/2019	51475109	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
23/10/2019	51475110	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
23/10/2019	51475111	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
23/10/2019	51475112	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
23/10/2019	51475113	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
23/10/2019	51475114	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
23/10/2019	51475115	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
23/10/2019	51475116	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
23/10/2019	51475127	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
23/10/2019	51475133	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
23/10/2019	51475134	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
23/10/2019	51475135	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
23/10/2019	51475136	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
23/10/2019	51475137	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
23/10/2019	51475139	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
23/10/2019	51475140	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
23/10/2019	51475141	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
23/10/2019	51475142	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
23/10/2019	51475144	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
23/10/2019	51475105	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
23/10/2019	51475106	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
23/10/2019	51475107	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
23/10/2019	51475108	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
23/10/2019	51475109	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
23/10/2019	51475110	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
23/10/2019	51475111	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
23/10/2019	51475112	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
23/10/2019	51475113	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
23/10/2019	51475114	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
23/10/2019	51475115	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
23/10/2019	51475116	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
23/10/2019	51475127	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
23/10/2019	51475133	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
23/10/2019	51475134	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
23/10/2019	51475135	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
23/10/2019	51475136	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
23/10/2019	51475137	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
23/10/2019	51475139	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
23/10/2019	51475140	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
23/10/2019	51475141	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
23/10/2019	51475142	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
23/10/2019	51475144	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
11/11/2019	51474037	Pressure Conn	PE	110	Waste	Local	7. HBC-Orewa	Existing
11/11/2019	51474037	Pressure Conn	PE	110	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51508409	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51508410	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51508412	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51508413	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51508416	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51508475	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51508482	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51508488	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51508489	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51508490	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51508491	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51509008	Gravity	PVC	225	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51509009	Gravity	PVC	225	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51509011	Gravity	PVC	225	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51509012	Gravity	PVC	225	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51509013	Gravity	PVC	225	Waste	Local	7. HBC-Orewa	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
27/11/2019	51509103	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510127	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510128	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510129	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510130	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510131	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510132	Gravity	PVC	180	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510133	Gravity	PVC	180	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510134	Gravity	PVC	180	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510135	Gravity	PVC	180	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510136	Gravity	PVC	180	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510137	Gravity	PVC	180	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510139	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510141	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510142	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510143	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510144	Gravity	PVC	180	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510145	Gravity	PVC	180	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510146	Gravity	PVC	180	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510147	Gravity	PVC	225	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510295	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510296	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510297	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510298	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510299	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510300	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510618	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510619	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510621	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510566	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
27/11/2019	51510567	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510568	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510569	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510570	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510737	Gravity	PVC	225	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510738	Gravity	PE	250	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510739	Gravity	PVC	225	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510740	Gravity	PE	250	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51512779	Gravity	PE	180	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51517954	Gravity	PE	180	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51517955	Gravity	PE	180	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51508409	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51508410	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51508412	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51508413	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51508416	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51508475	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51508482	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51508488	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51508489	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51508490	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51508491	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51509008	Gravity	PVC	225	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51509009	Gravity	PVC	225	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51509011	Gravity	PVC	225	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51509012	Gravity	PVC	225	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51509013	Gravity	PVC	225	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51509103	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510127	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510128	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
27/11/2019	51510129	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510130	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510131	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510132	Gravity	PVC	180	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510133	Gravity	PVC	180	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510134	Gravity	PVC	180	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510135	Gravity	PVC	180	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510136	Gravity	PVC	180	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510137	Gravity	PVC	180	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510139	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510141	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510142	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510143	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510144	Gravity	PVC	180	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510145	Gravity	PVC	180	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510146	Gravity	PVC	180	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510147	Gravity	PVC	225	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510295	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510296	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510297	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510298	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510299	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510300	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510618	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510619	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510621	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510566	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510567	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510568	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510569	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
27/11/2019	51510570	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510737	Gravity	PVC	225	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510738	Gravity	PE	250	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510739	Gravity	PVC	225	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510740	Gravity	PE	250	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51512779	Gravity	PE	180	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51517954	Gravity	PE	180	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51517955	Gravity	PE	180	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51508417	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51508418	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51508463	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51508464	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51508465	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51508466	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51508467	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51508468	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51508469	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51508470	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51508471	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51508476	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51508477	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51508478	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51508479	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51508480	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51508483	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51508492	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51508493	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51508494	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51508495	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51508496	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
27/11/2019	51508497	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510140	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510312	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510313	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510314	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510315	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510316	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510317	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510318	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510319	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510320	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510321	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510322	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510323	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510324	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510325	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510326	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510327	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510328	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510329	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510330	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510331	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510332	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510333	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510387	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510390	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510393	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510397	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510403	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510405	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
27/11/2019	51510411	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510418	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510424	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510432	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510440	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510441	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510443	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510448	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510449	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510626	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510629	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510632	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510636	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510638	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510642	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510645	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510647	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510648	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510649	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510651	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510652	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510653	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510654	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510655	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510656	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510657	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510658	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510659	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510660	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510661	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
27/11/2019	51510662	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510663	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510553	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510554	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510555	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510556	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510557	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510558	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510559	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510723	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510725	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510726	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510727	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510728	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510729	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510730	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51508417	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51508418	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51508463	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51508464	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51508465	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51508466	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51508467	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51508468	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51508469	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51508470	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51508471	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51508476	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51508477	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51508478	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
27/11/2019	51508479	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51508480	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51508483	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51508492	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51508493	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51508494	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51508495	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51508496	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51508497	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510140	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510312	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510313	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510314	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510315	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510316	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510317	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510318	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510319	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510320	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510321	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510322	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510323	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510324	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510325	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510326	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510327	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510328	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510329	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510330	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510331	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
27/11/2019	51510332	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510333	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510387	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510390	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510393	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510397	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510403	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510405	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510411	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510418	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510424	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510432	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510440	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510441	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510443	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510448	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510449	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510626	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510629	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510632	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510636	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510638	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510642	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510645	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510647	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510648	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510649	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510651	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510652	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510653	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
27/11/2019	51510654	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510655	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510656	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510657	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510658	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510659	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510660	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510661	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510662	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510663	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510553	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510554	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510555	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510556	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510557	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510558	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510559	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510723	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510725	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510726	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510727	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510728	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510729	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51510730	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51517005	Rising	PE	180	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51517960	Rising	PE	180	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51517961	Rising	PE	180	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51517005	Rising	PE	180	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51517960	Rising	PE	180	Waste	Local	7. HBC-Orewa	Existing
27/11/2019	51517961	Rising	PE	180	Waste	Local	7. HBC-Orewa	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
29/11/2019	51509965	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Existing
29/11/2019	51509967	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Existing
29/11/2019	51509968	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Existing
29/11/2019	51509972	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Existing
29/11/2019	51510058	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Existing
29/11/2019	51509965	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Existing
29/11/2019	51509967	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Existing
29/11/2019	51509968	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Existing
29/11/2019	51509972	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Existing
29/11/2019	51510058	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Existing
29/11/2019	51510059	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
29/11/2019	51510060	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
29/11/2019	51510061	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
29/11/2019	51510062	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
29/11/2019	51510063	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
29/11/2019	51510064	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
29/11/2019	51510065	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
29/11/2019	51510066	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
29/11/2019	51510067	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
29/11/2019	51510068	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
29/11/2019	51510069	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
29/11/2019	51510070	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
29/11/2019	51510071	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
29/11/2019	51510072	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
29/11/2019	51510059	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
29/11/2019	51510060	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
29/11/2019	51510061	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
29/11/2019	51510062	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
29/11/2019	51510063	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
29/11/2019	51510064	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
29/11/2019	51510065	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
29/11/2019	51510066	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
29/11/2019	51510067	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
29/11/2019	51510068	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
29/11/2019	51510069	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
29/11/2019	51510070	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
29/11/2019	51510071	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
29/11/2019	51510072	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
10/12/2019	51501365	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501379	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501381	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501383	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501384	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501387	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501388	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501402	Gravity	PVC	300	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501403	Gravity	PVC	300	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501512	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501513	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501514	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501515	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501516	Gravity	PVC	225	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501517	Gravity	PVC	225	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501518	Gravity	PVC	300	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501519	Gravity	PVC	300	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501520	Gravity	PVC	300	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501585	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501586	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501587	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501742	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Future

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
10/12/2019	51501743	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501744	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501745	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501746	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501747	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501768	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501769	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501771	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501773	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501774	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501775	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501776	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501789	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501802	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501803	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501804	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501808	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501814	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501815	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501831	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501832	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501926	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501927	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501928	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501929	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501930	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501931	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501933	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501626	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501627	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Future

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
10/12/2019	51501628	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501629	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501365	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501379	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501381	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501383	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501384	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501387	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501388	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501402	Gravity	PVC	300	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501403	Gravity	PVC	300	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501512	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501513	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501514	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501515	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501516	Gravity	PVC	225	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501517	Gravity	PVC	225	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501518	Gravity	PVC	300	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501519	Gravity	PVC	300	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501520	Gravity	PVC	300	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501585	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501586	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501587	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501742	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501743	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501744	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501745	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501746	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501747	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501768	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Future

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
10/12/2019	51501769	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501771	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501773	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501774	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501775	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501776	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501789	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501802	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501803	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501804	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501808	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501814	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501815	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501831	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501832	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501926	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501927	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501928	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501929	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501930	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501931	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501933	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501626	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501627	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501628	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501629	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501389	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501390	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501391	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501392	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
10/12/2019	51501393	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501394	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501395	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501396	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501397	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501521	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501534	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501569	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501570	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501571	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501572	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501573	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501574	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501575	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501576	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501577	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501578	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501579	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501580	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501581	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501588	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501589	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501590	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501591	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501592	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501593	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501594	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501595	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501596	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501597	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
10/12/2019	51501598	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501748	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501749	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501750	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501752	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501753	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501754	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501755	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501756	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501757	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501777	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501778	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501779	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501780	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501781	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501782	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501783	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501784	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501785	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501786	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501787	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501790	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501791	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501792	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501806	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501807	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501809	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501810	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501811	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501812	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
10/12/2019	51501817	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501818	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501819	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501820	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501821	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501822	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501823	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501837	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501839	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501840	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501935	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501936	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501937	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501938	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501939	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501940	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501941	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501942	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501943	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501944	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501945	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501946	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501947	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51502548	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51502549	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501389	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501390	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501391	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501392	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501393	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
10/12/2019	51501394	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501395	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501396	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501397	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501521	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501534	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501569	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501570	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501571	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501572	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501573	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501574	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501575	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501576	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501577	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501578	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501579	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501580	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501581	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501588	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501589	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501590	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501591	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501592	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501593	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501594	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501595	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501596	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501597	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501598	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
10/12/2019	51501748	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501749	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501750	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501752	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501753	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501754	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501755	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501756	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501757	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501777	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501778	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501779	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501780	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501781	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501782	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501783	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501784	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501785	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501786	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501787	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501790	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501791	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501792	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501806	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501807	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501809	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501810	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501811	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501812	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501817	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
10/12/2019	51501818	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501819	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501820	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501821	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501822	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501823	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501837	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501839	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501840	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501935	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501936	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501937	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501938	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501939	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501940	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501941	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501942	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501943	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501944	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501945	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501946	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501947	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51502548	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51502549	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501400	Rising	PE	280	Waste	Local	7. HBC-Orewa	Future
10/12/2019	51501400	Rising	PE	280	Waste	Local	7. HBC-Orewa	Future
11/12/2019	51510154	Gravity	PVC	375	Waste	Local	7. HBC-Orewa	Future
11/12/2019	51510155	Gravity	PVC	375	Waste	Local	7. HBC-Orewa	Future
11/12/2019	51510156	Gravity	PE	450	Waste	Local	7. HBC-Orewa	Future
11/12/2019	51510157	Gravity	PE	450	Waste	Local	7. HBC-Orewa	Future

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
11/12/2019	51510162	Gravity	PE	450	Waste	Local	7. HBC-Orewa	Future
11/12/2019	51510163	Gravity	PVC	375	Waste	Local	7. HBC-Orewa	Future
11/12/2019	51510166	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Future
11/12/2019	51510154	Gravity	PVC	375	Waste	Local	7. HBC-Orewa	Future
11/12/2019	51510155	Gravity	PVC	375	Waste	Local	7. HBC-Orewa	Future
11/12/2019	51510156	Gravity	PE	450	Waste	Local	7. HBC-Orewa	Future
11/12/2019	51510157	Gravity	PE	450	Waste	Local	7. HBC-Orewa	Future
11/12/2019	51510162	Gravity	PE	450	Waste	Local	7. HBC-Orewa	Future
11/12/2019	51510163	Gravity	PVC	375	Waste	Local	7. HBC-Orewa	Future
11/12/2019	51510166	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Future
31/12/2019	51516953	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
31/12/2019	51516954	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
31/12/2019	51516955	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
31/12/2019	51516956	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
31/12/2019	51516957	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
31/12/2019	51516958	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
31/12/2019	51516953	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
31/12/2019	51516954	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
31/12/2019	51516955	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
31/12/2019	51516956	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
31/12/2019	51516957	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
31/12/2019	51516958	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
31/01/2020	51509184	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Existing
31/01/2020	51509184	Gravity	PVC	150	Waste	Local	7. HBC-Orewa	Existing
31/01/2020	51508452	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
31/01/2020	51508453	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
31/01/2020	51508456	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
31/01/2020	51509185	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
31/01/2020	51509186	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
31/01/2020	51509187	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
31/01/2020	51509188	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
31/01/2020	51508452	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
31/01/2020	51508453	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
31/01/2020	51508456	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
31/01/2020	51509185	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
31/01/2020	51509186	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
31/01/2020	51509187	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
31/01/2020	51509188	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
24/02/2020	51510050	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
24/02/2020	51510051	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
24/02/2020	51510052	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
24/02/2020	51510053	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
24/02/2020	51510054	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
24/02/2020	51510055	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
24/02/2020	51510056	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
24/02/2020	51510050	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
24/02/2020	51510051	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
24/02/2020	51510052	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
24/02/2020	51510053	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
24/02/2020	51510054	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
24/02/2020	51510055	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
24/02/2020	51510056	Gravity Connection	PVC	100	Waste	Local	7. HBC-Orewa	Existing
3/09/2019	51466411	Gravity Connection	PVC	100	Waste	Local	8. HBC-Weiti	Existing
3/09/2019	51466411	Gravity Connection	PVC	100	Waste	Local	8. HBC-Weiti	Existing
3/07/2019	51309123	Gravity Connection	PVC	100	Waste	Local	9. HBC-Whangaparaoa	Existing
3/07/2019	51309130	Gravity Connection	PVC	100	Waste	Local	9. HBC-Whangaparaoa	Existing
3/07/2019	51309131	Gravity Connection	PVC	100	Waste	Local	9. HBC-Whangaparaoa	Existing
3/07/2019	51309132	Gravity Connection	PVC	100	Waste	Local	9. HBC-Whangaparaoa	Existing
3/07/2019	51309133	Gravity Connection	PVC	100	Waste	Local	9. HBC-Whangaparaoa	Existing
3/07/2019	51309134	Gravity Connection	PVC	100	Waste	Local	9. HBC-Whangaparaoa	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
3/07/2019	51309123	Gravity Connection	PVC	100	Waste	Local	9. HBC-Whangaparaoa	Existing
3/07/2019	51309130	Gravity Connection	PVC	100	Waste	Local	9. HBC-Whangaparaoa	Existing
3/07/2019	51309131	Gravity Connection	PVC	100	Waste	Local	9. HBC-Whangaparaoa	Existing
3/07/2019	51309132	Gravity Connection	PVC	100	Waste	Local	9. HBC-Whangaparaoa	Existing
3/07/2019	51309133	Gravity Connection	PVC	100	Waste	Local	9. HBC-Whangaparaoa	Existing
3/07/2019	51309134	Gravity Connection	PVC	100	Waste	Local	9. HBC-Whangaparaoa	Existing
3/07/2019	51309159	Pressure Conn	PE	65	Waste	Local	9. HBC-Whangaparaoa	Existing
3/07/2019	51309160	Pressure Conn	PE	65	Waste	Local	9. HBC-Whangaparaoa	Existing
3/07/2019	51309159	Pressure Conn	PE	65	Waste	Local	9. HBC-Whangaparaoa	Existing
3/07/2019	51309160	Pressure Conn	PE	65	Waste	Local	9. HBC-Whangaparaoa	Existing
4/07/2019	51307279	Gravity Connection	PVC	100	Waste	Local	9. HBC-Whangaparaoa	Existing
4/07/2019	51307279	Gravity Connection	PVC	100	Waste	Local	9. HBC-Whangaparaoa	Existing
2/09/2019	51467139	Gravity Connection	PVC	100	Waste	Local	9. HBC-Whangaparaoa	Existing
2/09/2019	51467140	Gravity Connection	PVC	100	Waste	Local	9. HBC-Whangaparaoa	Existing
2/09/2019	51467139	Gravity Connection	PVC	100	Waste	Local	9. HBC-Whangaparaoa	Existing
2/09/2019	51467140	Gravity Connection	PVC	100	Waste	Local	9. HBC-Whangaparaoa	Existing
17/09/2019	51468446	Gravity Connection	PVC	100	Waste	Local	9. HBC-Whangaparaoa	Existing
17/09/2019	51468447	Gravity Connection	PVC	100	Waste	Local	9. HBC-Whangaparaoa	Existing
17/09/2019	51468448	Gravity Connection	PVC	100	Waste	Local	9. HBC-Whangaparaoa	Existing
17/09/2019	51468449	Gravity Connection	PVC	100	Waste	Local	9. HBC-Whangaparaoa	Existing
17/09/2019	51468450	Gravity Connection	PVC	100	Waste	Local	9. HBC-Whangaparaoa	Existing
17/09/2019	51468451	Gravity Connection	PVC	100	Waste	Local	9. HBC-Whangaparaoa	Existing
17/09/2019	51468453	Gravity Connection	PVC	100	Waste	Local	9. HBC-Whangaparaoa	Existing
17/09/2019	51468454	Gravity Connection	PVC	100	Waste	Local	9. HBC-Whangaparaoa	Existing
17/09/2019	51468458	Gravity Connection	PVC	100	Waste	Local	9. HBC-Whangaparaoa	Existing
17/09/2019	51468471	Gravity Connection	PVC	100	Waste	Local	9. HBC-Whangaparaoa	Existing
17/09/2019	51468470	Gravity Connection	PVC	100	Waste	Local	9. HBC-Whangaparaoa	Existing
17/09/2019	51468472	Gravity Connection	PVC	100	Waste	Local	9. HBC-Whangaparaoa	Existing
17/09/2019	51468474	Gravity Connection	PVC	100	Waste	Local	9. HBC-Whangaparaoa	Existing
17/09/2019	51468476	Gravity Connection	PVC	100	Waste	Local	9. HBC-Whangaparaoa	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
17/09/2019	51468477	Gravity Connection	PVC	100	Waste	Local	9. HBC-Whangaparaoa	Existing
17/09/2019	51468489	Gravity Connection	PVC	100	Waste	Local	9. HBC-Whangaparaoa	Existing
17/09/2019	51468490	Gravity Connection	PVC	100	Waste	Local	9. HBC-Whangaparaoa	Existing
17/09/2019	51468491	Gravity Connection	PVC	100	Waste	Local	9. HBC-Whangaparaoa	Existing
17/09/2019	51468502	Gravity Connection	PVC	100	Waste	Local	9. HBC-Whangaparaoa	Existing
17/09/2019	51468503	Gravity Connection	PVC	100	Waste	Local	9. HBC-Whangaparaoa	Existing
17/09/2019	51468504	Gravity Connection	PVC	100	Waste	Local	9. HBC-Whangaparaoa	Existing
17/09/2019	51468505	Gravity Connection	PVC	100	Waste	Local	9. HBC-Whangaparaoa	Existing
17/09/2019	51468506	Gravity Connection	PVC	100	Waste	Local	9. HBC-Whangaparaoa	Existing
17/09/2019	51468507	Gravity Connection	PVC	100	Waste	Local	9. HBC-Whangaparaoa	Existing
17/09/2019	51468508	Gravity Connection	PVC	100	Waste	Local	9. HBC-Whangaparaoa	Existing
17/09/2019	51468509	Gravity Connection	PVC	100	Waste	Local	9. HBC-Whangaparaoa	Existing
17/09/2019	51468510	Gravity Connection	PVC	100	Waste	Local	9. HBC-Whangaparaoa	Existing
17/09/2019	51468511	Gravity Connection	PVC	100	Waste	Local	9. HBC-Whangaparaoa	Existing
17/09/2019	51468512	Gravity Connection	PVC	100	Waste	Local	9. HBC-Whangaparaoa	Existing
17/09/2019	51468513	Gravity Connection	PVC	100	Waste	Local	9. HBC-Whangaparaoa	Existing
17/09/2019	51468514	Gravity Connection	PVC	100	Waste	Local	9. HBC-Whangaparaoa	Existing
17/09/2019	51468527	Gravity Connection	PVC	100	Waste	Local	9. HBC-Whangaparaoa	Existing
17/09/2019	51468528	Gravity Connection	PVC	100	Waste	Local	9. HBC-Whangaparaoa	Existing
17/09/2019	51468529	Gravity Connection	PVC	100	Waste	Local	9. HBC-Whangaparaoa	Existing
17/09/2019	51468530	Gravity Connection	PVC	100	Waste	Local	9. HBC-Whangaparaoa	Existing
17/09/2019	51468531	Gravity Connection	PVC	100	Waste	Local	9. HBC-Whangaparaoa	Existing
17/09/2019	51468532	Gravity Connection	PVC	100	Waste	Local	9. HBC-Whangaparaoa	Existing
17/09/2019	51468533	Gravity Connection	PVC	100	Waste	Local	9. HBC-Whangaparaoa	Existing
17/09/2019	51468534	Gravity Connection	PVC	100	Waste	Local	9. HBC-Whangaparaoa	Existing
17/09/2019	51468535	Gravity Connection	PVC	100	Waste	Local	9. HBC-Whangaparaoa	Existing
17/09/2019	51468536	Gravity Connection	PVC	100	Waste	Local	9. HBC-Whangaparaoa	Existing
17/09/2019	51468537	Gravity Connection	PVC	100	Waste	Local	9. HBC-Whangaparaoa	Existing
17/09/2019	51468538	Gravity Connection	PVC	100	Waste	Local	9. HBC-Whangaparaoa	Existing
17/09/2019	51468539	Gravity Connection	PVC	100	Waste	Local	9. HBC-Whangaparaoa	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
17/09/2019	51468540	Gravity Connection	PVC	100	Waste	Local	9. HBC-Whangaparaoa	Existing
17/09/2019	51468541	Gravity Connection	PVC	100	Waste	Local	9. HBC-Whangaparaoa	Existing
17/09/2019	51468542	Gravity Connection	PVC	100	Waste	Local	9. HBC-Whangaparaoa	Existing
17/09/2019	51468543	Gravity Connection	PVC	100	Waste	Local	9. HBC-Whangaparaoa	Existing
17/09/2019	51468544	Gravity Connection	PVC	100	Waste	Local	9. HBC-Whangaparaoa	Existing
17/09/2019	51468545	Gravity Connection	PVC	100	Waste	Local	9. HBC-Whangaparaoa	Existing
17/09/2019	51468546	Gravity Connection	PVC	100	Waste	Local	9. HBC-Whangaparaoa	Existing
17/09/2019	51468547	Gravity Connection	PVC	100	Waste	Local	9. HBC-Whangaparaoa	Existing
17/09/2019	51468548	Gravity Connection	PVC	100	Waste	Local	9. HBC-Whangaparaoa	Existing
17/09/2019	51468549	Gravity Connection	PVC	100	Waste	Local	9. HBC-Whangaparaoa	Existing
17/09/2019	51468550	Gravity Connection	PVC	100	Waste	Local	9. HBC-Whangaparaoa	Existing
17/09/2019	51468556	Gravity Connection	PVC	100	Waste	Local	9. HBC-Whangaparaoa	Existing
17/09/2019	51468557	Gravity Connection	PVC	100	Waste	Local	9. HBC-Whangaparaoa	Existing
17/09/2019	51468558	Gravity Connection	PVC	100	Waste	Local	9. HBC-Whangaparaoa	Existing
17/09/2019	51468559	Gravity Connection	PVC	100	Waste	Local	9. HBC-Whangaparaoa	Existing
17/09/2019	51468560	Gravity Connection	PVC	100	Waste	Local	9. HBC-Whangaparaoa	Existing
17/09/2019	51468561	Gravity Connection	PVC	100	Waste	Local	9. HBC-Whangaparaoa	Existing
17/09/2019	51468562	Gravity Connection	PVC	100	Waste	Local	9. HBC-Whangaparaoa	Existing
17/09/2019	51468563	Gravity Connection	PVC	100	Waste	Local	9. HBC-Whangaparaoa	Existing
17/09/2019	51468564	Gravity Connection	PVC	100	Waste	Local	9. HBC-Whangaparaoa	Existing
17/09/2019	51468565	Gravity Connection	PVC	100	Waste	Local	9. HBC-Whangaparaoa	Existing
17/09/2019	51468566	Gravity Connection	PVC	100	Waste	Local	9. HBC-Whangaparaoa	Existing
17/09/2019	51468567	Gravity Connection	PVC	100	Waste	Local	9. HBC-Whangaparaoa	Existing
17/09/2019	51468568	Gravity Connection	PVC	100	Waste	Local	9. HBC-Whangaparaoa	Existing
17/09/2019	51468569	Gravity Connection	PVC	100	Waste	Local	9. HBC-Whangaparaoa	Existing
17/09/2019	51468446	Gravity Connection	PVC	100	Waste	Local	9. HBC-Whangaparaoa	Existing
17/09/2019	51468447	Gravity Connection	PVC	100	Waste	Local	9. HBC-Whangaparaoa	Existing
17/09/2019	51468448	Gravity Connection	PVC	100	Waste	Local	9. HBC-Whangaparaoa	Existing
17/09/2019	51468449	Gravity Connection	PVC	100	Waste	Local	9. HBC-Whangaparaoa	Existing
17/09/2019	51468450	Gravity Connection	PVC	100	Waste	Local	9. HBC-Whangaparaoa	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
17/09/2019	51468451	Gravity Connection	PVC	100	Waste	Local	9. HBC-Whangaparaoa	Existing
17/09/2019	51468453	Gravity Connection	PVC	100	Waste	Local	9. HBC-Whangaparaoa	Existing
17/09/2019	51468454	Gravity Connection	PVC	100	Waste	Local	9. HBC-Whangaparaoa	Existing
17/09/2019	51468458	Gravity Connection	PVC	100	Waste	Local	9. HBC-Whangaparaoa	Existing
17/09/2019	51468471	Gravity Connection	PVC	100	Waste	Local	9. HBC-Whangaparaoa	Existing
17/09/2019	51468470	Gravity Connection	PVC	100	Waste	Local	9. HBC-Whangaparaoa	Existing
17/09/2019	51468472	Gravity Connection	PVC	100	Waste	Local	9. HBC-Whangaparaoa	Existing
17/09/2019	51468474	Gravity Connection	PVC	100	Waste	Local	9. HBC-Whangaparaoa	Existing
17/09/2019	51468476	Gravity Connection	PVC	100	Waste	Local	9. HBC-Whangaparaoa	Existing
17/09/2019	51468477	Gravity Connection	PVC	100	Waste	Local	9. HBC-Whangaparaoa	Existing
17/09/2019	51468489	Gravity Connection	PVC	100	Waste	Local	9. HBC-Whangaparaoa	Existing
17/09/2019	51468490	Gravity Connection	PVC	100	Waste	Local	9. HBC-Whangaparaoa	Existing
17/09/2019	51468491	Gravity Connection	PVC	100	Waste	Local	9. HBC-Whangaparaoa	Existing
17/09/2019	51468502	Gravity Connection	PVC	100	Waste	Local	9. HBC-Whangaparaoa	Existing
17/09/2019	51468503	Gravity Connection	PVC	100	Waste	Local	9. HBC-Whangaparaoa	Existing
17/09/2019	51468504	Gravity Connection	PVC	100	Waste	Local	9. HBC-Whangaparaoa	Existing
17/09/2019	51468505	Gravity Connection	PVC	100	Waste	Local	9. HBC-Whangaparaoa	Existing
17/09/2019	51468506	Gravity Connection	PVC	100	Waste	Local	9. HBC-Whangaparaoa	Existing
17/09/2019	51468507	Gravity Connection	PVC	100	Waste	Local	9. HBC-Whangaparaoa	Existing
17/09/2019	51468508	Gravity Connection	PVC	100	Waste	Local	9. HBC-Whangaparaoa	Existing
17/09/2019	51468509	Gravity Connection	PVC	100	Waste	Local	9. HBC-Whangaparaoa	Existing
17/09/2019	51468510	Gravity Connection	PVC	100	Waste	Local	9. HBC-Whangaparaoa	Existing
17/09/2019	51468511	Gravity Connection	PVC	100	Waste	Local	9. HBC-Whangaparaoa	Existing
17/09/2019	51468512	Gravity Connection	PVC	100	Waste	Local	9. HBC-Whangaparaoa	Existing
17/09/2019	51468513	Gravity Connection	PVC	100	Waste	Local	9. HBC-Whangaparaoa	Existing
17/09/2019	51468514	Gravity Connection	PVC	100	Waste	Local	9. HBC-Whangaparaoa	Existing
17/09/2019	51468527	Gravity Connection	PVC	100	Waste	Local	9. HBC-Whangaparaoa	Existing
17/09/2019	51468528	Gravity Connection	PVC	100	Waste	Local	9. HBC-Whangaparaoa	Existing
17/09/2019	51468529	Gravity Connection	PVC	100	Waste	Local	9. HBC-Whangaparaoa	Existing
17/09/2019	51468530	Gravity Connection	PVC	100	Waste	Local	9. HBC-Whangaparaoa	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
17/09/2019	51468531	Gravity Connection	PVC	100	Waste	Local	9. HBC-Whangaparaoa	Existing
17/09/2019	51468532	Gravity Connection	PVC	100	Waste	Local	9. HBC-Whangaparaoa	Existing
17/09/2019	51468533	Gravity Connection	PVC	100	Waste	Local	9. HBC-Whangaparaoa	Existing
17/09/2019	51468534	Gravity Connection	PVC	100	Waste	Local	9. HBC-Whangaparaoa	Existing
17/09/2019	51468535	Gravity Connection	PVC	100	Waste	Local	9. HBC-Whangaparaoa	Existing
17/09/2019	51468536	Gravity Connection	PVC	100	Waste	Local	9. HBC-Whangaparaoa	Existing
17/09/2019	51468537	Gravity Connection	PVC	100	Waste	Local	9. HBC-Whangaparaoa	Existing
17/09/2019	51468538	Gravity Connection	PVC	100	Waste	Local	9. HBC-Whangaparaoa	Existing
17/09/2019	51468539	Gravity Connection	PVC	100	Waste	Local	9. HBC-Whangaparaoa	Existing
17/09/2019	51468540	Gravity Connection	PVC	100	Waste	Local	9. HBC-Whangaparaoa	Existing
17/09/2019	51468541	Gravity Connection	PVC	100	Waste	Local	9. HBC-Whangaparaoa	Existing
17/09/2019	51468542	Gravity Connection	PVC	100	Waste	Local	9. HBC-Whangaparaoa	Existing
17/09/2019	51468543	Gravity Connection	PVC	100	Waste	Local	9. HBC-Whangaparaoa	Existing
17/09/2019	51468544	Gravity Connection	PVC	100	Waste	Local	9. HBC-Whangaparaoa	Existing
17/09/2019	51468545	Gravity Connection	PVC	100	Waste	Local	9. HBC-Whangaparaoa	Existing
17/09/2019	51468546	Gravity Connection	PVC	100	Waste	Local	9. HBC-Whangaparaoa	Existing
17/09/2019	51468547	Gravity Connection	PVC	100	Waste	Local	9. HBC-Whangaparaoa	Existing
17/09/2019	51468548	Gravity Connection	PVC	100	Waste	Local	9. HBC-Whangaparaoa	Existing
17/09/2019	51468549	Gravity Connection	PVC	100	Waste	Local	9. HBC-Whangaparaoa	Existing
17/09/2019	51468550	Gravity Connection	PVC	100	Waste	Local	9. HBC-Whangaparaoa	Existing
17/09/2019	51468556	Gravity Connection	PVC	100	Waste	Local	9. HBC-Whangaparaoa	Existing
17/09/2019	51468557	Gravity Connection	PVC	100	Waste	Local	9. HBC-Whangaparaoa	Existing
17/09/2019	51468558	Gravity Connection	PVC	100	Waste	Local	9. HBC-Whangaparaoa	Existing
17/09/2019	51468559	Gravity Connection	PVC	100	Waste	Local	9. HBC-Whangaparaoa	Existing
17/09/2019	51468560	Gravity Connection	PVC	100	Waste	Local	9. HBC-Whangaparaoa	Existing
17/09/2019	51468561	Gravity Connection	PVC	100	Waste	Local	9. HBC-Whangaparaoa	Existing
17/09/2019	51468562	Gravity Connection	PVC	100	Waste	Local	9. HBC-Whangaparaoa	Existing
17/09/2019	51468563	Gravity Connection	PVC	100	Waste	Local	9. HBC-Whangaparaoa	Existing
17/09/2019	51468564	Gravity Connection	PVC	100	Waste	Local	9. HBC-Whangaparaoa	Existing
17/09/2019	51468565	Gravity Connection	PVC	100	Waste	Local	9. HBC-Whangaparaoa	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
17/09/2019	51468566	Gravity Connection	PVC	100	Waste	Local	9. HBC-Whangaparaoa	Existing
17/09/2019	51468567	Gravity Connection	PVC	100	Waste	Local	9. HBC-Whangaparaoa	Existing
17/09/2019	51468568	Gravity Connection	PVC	100	Waste	Local	9. HBC-Whangaparaoa	Existing
17/09/2019	51468569	Gravity Connection	PVC	100	Waste	Local	9. HBC-Whangaparaoa	Existing
31/01/2020	51509027	Gravity Connection	PVC	100	Waste	Local	9. HBC-Whangaparaoa	Existing
31/01/2020	51509028	Gravity Connection	PVC	100	Waste	Local	9. HBC-Whangaparaoa	Existing
31/01/2020	51509029	Gravity Connection	PVC	100	Waste	Local	9. HBC-Whangaparaoa	Existing
31/01/2020	51509027	Gravity Connection	PVC	100	Waste	Local	9. HBC-Whangaparaoa	Existing
31/01/2020	51509028	Gravity Connection	PVC	100	Waste	Local	9. HBC-Whangaparaoa	Existing
31/01/2020	51509029	Gravity Connection	PVC	100	Waste	Local	9. HBC-Whangaparaoa	Existing
1/07/2019	51305317	Gravity	PVC	150	Waste	Local	10. Long Bay	Existing
1/07/2019	51305317	Gravity	PVC	150	Waste	Local	10. Long Bay	Existing
1/07/2019	51305320	Gravity Connection	PVC	150	Waste	Local	10. Long Bay	Existing
1/07/2019	51305322	Gravity Connection	PVC	100	Waste	Local	10. Long Bay	Existing
1/07/2019	51305323	Gravity Connection	PVC	100	Waste	Local	10. Long Bay	Existing
1/07/2019	51305324	Gravity Connection	PVC	100	Waste	Local	10. Long Bay	Existing
1/07/2019	51305325	Gravity Connection	PVC	100	Waste	Local	10. Long Bay	Existing
1/07/2019	51305320	Gravity Connection	PVC	150	Waste	Local	10. Long Bay	Existing
1/07/2019	51305322	Gravity Connection	PVC	100	Waste	Local	10. Long Bay	Existing
1/07/2019	51305323	Gravity Connection	PVC	100	Waste	Local	10. Long Bay	Existing
1/07/2019	51305324	Gravity Connection	PVC	100	Waste	Local	10. Long Bay	Existing
1/07/2019	51305325	Gravity Connection	PVC	100	Waste	Local	10. Long Bay	Existing
3/07/2019	51308081	Gravity	PE	180	Waste	Local	10. Long Bay	Existing
3/07/2019	51308081	Gravity	PE	180	Waste	Local	10. Long Bay	Existing
3/07/2019	51308082	Gravity Connection	PVC	100	Waste	Local	10. Long Bay	Existing
3/07/2019	51308082	Gravity Connection	PVC	100	Waste	Local	10. Long Bay	Existing
28/08/2019	51296817	Gravity	PVC	150	Waste	Local	10. Long Bay	Existing
28/08/2019	51296846	Gravity	PVC	150	Waste	Local	10. Long Bay	Existing
28/08/2019	51296857	Gravity	PVC	150	Waste	Local	10. Long Bay	Existing
28/08/2019	51296817	Gravity	PVC	150	Waste	Local	10. Long Bay	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
28/08/2019	51296846	Gravity	PVC	150	Waste	Local	10. Long Bay	Existing
28/08/2019	51296857	Gravity	PVC	150	Waste	Local	10. Long Bay	Existing
28/08/2019	51296823	Gravity Connection	PVC	100	Waste	Local	10. Long Bay	Existing
28/08/2019	51296826	Gravity Connection	PVC	100	Waste	Local	10. Long Bay	Existing
28/08/2019	51296827	Gravity Connection	PVC	100	Waste	Local	10. Long Bay	Existing
28/08/2019	51296828	Gravity Connection	PVC	100	Waste	Local	10. Long Bay	Existing
28/08/2019	51296829	Gravity Connection	PVC	100	Waste	Local	10. Long Bay	Existing
28/08/2019	51296831	Gravity Connection	PVC	100	Waste	Local	10. Long Bay	Existing
28/08/2019	51296833	Gravity Connection	PVC	100	Waste	Local	10. Long Bay	Existing
28/08/2019	51296834	Gravity Connection	PVC	100	Waste	Local	10. Long Bay	Existing
28/08/2019	51296836	Gravity Connection	PVC	100	Waste	Local	10. Long Bay	Existing
28/08/2019	51296837	Gravity Connection	PVC	100	Waste	Local	10. Long Bay	Existing
28/08/2019	51296847	Gravity Connection	PVC	100	Waste	Local	10. Long Bay	Existing
28/08/2019	51296848	Gravity Connection	PVC	100	Waste	Local	10. Long Bay	Existing
28/08/2019	51296849	Gravity Connection	PVC	100	Waste	Local	10. Long Bay	Existing
28/08/2019	51296850	Gravity Connection	PVC	100	Waste	Local	10. Long Bay	Existing
28/08/2019	51296851	Gravity Connection	PVC	100	Waste	Local	10. Long Bay	Existing
28/08/2019	51296852	Gravity Connection	PVC	100	Waste	Local	10. Long Bay	Existing
28/08/2019	51296853	Gravity Connection	PVC	100	Waste	Local	10. Long Bay	Existing
28/08/2019	51296854	Gravity Connection	PVC	100	Waste	Local	10. Long Bay	Existing
28/08/2019	51296855	Gravity Connection	PVC	100	Waste	Local	10. Long Bay	Existing
28/08/2019	51296859	Gravity Connection	PVC	100	Waste	Local	10. Long Bay	Existing
28/08/2019	51296860	Gravity Connection	PVC	100	Waste	Local	10. Long Bay	Existing
28/08/2019	51296861	Gravity Connection	PVC	100	Waste	Local	10. Long Bay	Existing
28/08/2019	51296862	Gravity Connection	PVC	100	Waste	Local	10. Long Bay	Existing
28/08/2019	51296863	Gravity Connection	PVC	100	Waste	Local	10. Long Bay	Existing
28/08/2019	51296864	Gravity Connection	PVC	100	Waste	Local	10. Long Bay	Existing
28/08/2019	51296865	Gravity Connection	PVC	100	Waste	Local	10. Long Bay	Existing
28/08/2019	51296866	Gravity Connection	PVC	100	Waste	Local	10. Long Bay	Existing
28/08/2019	51296867	Gravity Connection	PVC	100	Waste	Local	10. Long Bay	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
28/08/2019	51296823	Gravity Connection	PVC	100	Waste	Local	10. Long Bay	Existing
28/08/2019	51296826	Gravity Connection	PVC	100	Waste	Local	10. Long Bay	Existing
28/08/2019	51296827	Gravity Connection	PVC	100	Waste	Local	10. Long Bay	Existing
28/08/2019	51296828	Gravity Connection	PVC	100	Waste	Local	10. Long Bay	Existing
28/08/2019	51296829	Gravity Connection	PVC	100	Waste	Local	10. Long Bay	Existing
28/08/2019	51296831	Gravity Connection	PVC	100	Waste	Local	10. Long Bay	Existing
28/08/2019	51296833	Gravity Connection	PVC	100	Waste	Local	10. Long Bay	Existing
28/08/2019	51296834	Gravity Connection	PVC	100	Waste	Local	10. Long Bay	Existing
28/08/2019	51296836	Gravity Connection	PVC	100	Waste	Local	10. Long Bay	Existing
28/08/2019	51296837	Gravity Connection	PVC	100	Waste	Local	10. Long Bay	Existing
28/08/2019	51296847	Gravity Connection	PVC	100	Waste	Local	10. Long Bay	Existing
28/08/2019	51296848	Gravity Connection	PVC	100	Waste	Local	10. Long Bay	Existing
28/08/2019	51296849	Gravity Connection	PVC	100	Waste	Local	10. Long Bay	Existing
28/08/2019	51296850	Gravity Connection	PVC	100	Waste	Local	10. Long Bay	Existing
28/08/2019	51296851	Gravity Connection	PVC	100	Waste	Local	10. Long Bay	Existing
28/08/2019	51296852	Gravity Connection	PVC	100	Waste	Local	10. Long Bay	Existing
28/08/2019	51296853	Gravity Connection	PVC	100	Waste	Local	10. Long Bay	Existing
28/08/2019	51296854	Gravity Connection	PVC	100	Waste	Local	10. Long Bay	Existing
28/08/2019	51296855	Gravity Connection	PVC	100	Waste	Local	10. Long Bay	Existing
28/08/2019	51296859	Gravity Connection	PVC	100	Waste	Local	10. Long Bay	Existing
28/08/2019	51296860	Gravity Connection	PVC	100	Waste	Local	10. Long Bay	Existing
28/08/2019	51296861	Gravity Connection	PVC	100	Waste	Local	10. Long Bay	Existing
28/08/2019	51296862	Gravity Connection	PVC	100	Waste	Local	10. Long Bay	Existing
28/08/2019	51296863	Gravity Connection	PVC	100	Waste	Local	10. Long Bay	Existing
28/08/2019	51296864	Gravity Connection	PVC	100	Waste	Local	10. Long Bay	Existing
28/08/2019	51296865	Gravity Connection	PVC	100	Waste	Local	10. Long Bay	Existing
28/08/2019	51296866	Gravity Connection	PVC	100	Waste	Local	10. Long Bay	Existing
28/08/2019	51296867	Gravity Connection	PVC	100	Waste	Local	10. Long Bay	Existing
9/09/2019	51499941	Gravity Connection	PVC	100	Waste	Local	10. Long Bay	Existing
9/09/2019	51499941	Gravity Connection	PVC	100	Waste	Local	10. Long Bay	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
30/10/2019	51506901	Gravity Connection	PVC	150	Waste	Local	10. Long Bay	Existing
30/10/2019	51506901	Gravity Connection	PVC	150	Waste	Local	10. Long Bay	Existing
31/10/2019	51510224	Gravity	PVC	150	Waste	Local	10. Long Bay	Existing
31/10/2019	51510225	Gravity	PVC	150	Waste	Local	10. Long Bay	Existing
31/10/2019	51510226	Gravity	PVC	150	Waste	Local	10. Long Bay	Existing
31/10/2019	51510224	Gravity	PVC	150	Waste	Local	10. Long Bay	Existing
31/10/2019	51510225	Gravity	PVC	150	Waste	Local	10. Long Bay	Existing
31/10/2019	51510226	Gravity	PVC	150	Waste	Local	10. Long Bay	Existing
31/10/2019	51510230	Gravity Connection	PVC	100	Waste	Local	10. Long Bay	Existing
31/10/2019	51510233	Gravity Connection	PVC	100	Waste	Local	10. Long Bay	Existing
31/10/2019	51510235	Gravity Connection	PVC	100	Waste	Local	10. Long Bay	Existing
31/10/2019	51510237	Gravity Connection	PVC	100	Waste	Local	10. Long Bay	Existing
31/10/2019	51510238	Gravity Connection	PVC	100	Waste	Local	10. Long Bay	Existing
31/10/2019	51510240	Gravity Connection	PVC	100	Waste	Local	10. Long Bay	Existing
31/10/2019	51510241	Gravity Connection	PVC	100	Waste	Local	10. Long Bay	Existing
31/10/2019	51510242	Gravity Connection	PVC	100	Waste	Local	10. Long Bay	Existing
31/10/2019	51510243	Gravity Connection	PVC	100	Waste	Local	10. Long Bay	Existing
31/10/2019	51510244	Gravity Connection	PVC	100	Waste	Local	10. Long Bay	Existing
31/10/2019	51510245	Gravity Connection	PVC	100	Waste	Local	10. Long Bay	Existing
31/10/2019	51510246	Gravity Connection	PVC	100	Waste	Local	10. Long Bay	Existing
31/10/2019	51510247	Gravity Connection	PVC	100	Waste	Local	10. Long Bay	Existing
31/10/2019	51510248	Gravity Connection	PVC	100	Waste	Local	10. Long Bay	Existing
31/10/2019	51510249	Gravity Connection	PVC	100	Waste	Local	10. Long Bay	Existing
31/10/2019	51510250	Gravity Connection	PVC	100	Waste	Local	10. Long Bay	Existing
31/10/2019	51510251	Gravity Connection	PVC	100	Waste	Local	10. Long Bay	Existing
31/10/2019	51510252	Gravity Connection	PVC	100	Waste	Local	10. Long Bay	Existing
31/10/2019	51510253	Gravity Connection	PVC	100	Waste	Local	10. Long Bay	Existing
31/10/2019	51510254	Gravity Connection	PVC	100	Waste	Local	10. Long Bay	Existing
31/10/2019	51510256	Gravity Connection	PVC	100	Waste	Local	10. Long Bay	Existing
31/10/2019	51510258	Gravity Connection	PVC	100	Waste	Local	10. Long Bay	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
31/10/2019	51510259	Gravity Connection	PVC	100	Waste	Local	10. Long Bay	Existing
31/10/2019	51510260	Gravity Connection	PVC	100	Waste	Local	10. Long Bay	Existing
31/10/2019	51510261	Gravity Connection	PVC	100	Waste	Local	10. Long Bay	Existing
31/10/2019	51510262	Gravity Connection	PVC	100	Waste	Local	10. Long Bay	Existing
31/10/2019	51510263	Gravity Connection	PVC	100	Waste	Local	10. Long Bay	Existing
31/10/2019	51510264	Gravity Connection	PVC	100	Waste	Local	10. Long Bay	Existing
31/10/2019	51510265	Gravity Connection	PVC	100	Waste	Local	10. Long Bay	Existing
31/10/2019	51510266	Gravity Connection	PVC	100	Waste	Local	10. Long Bay	Existing
31/10/2019	51510267	Gravity Connection	PVC	100	Waste	Local	10. Long Bay	Existing
31/10/2019	51510268	Gravity Connection	PVC	100	Waste	Local	10. Long Bay	Existing
31/10/2019	51510230	Gravity Connection	PVC	100	Waste	Local	10. Long Bay	Existing
31/10/2019	51510233	Gravity Connection	PVC	100	Waste	Local	10. Long Bay	Existing
31/10/2019	51510235	Gravity Connection	PVC	100	Waste	Local	10. Long Bay	Existing
31/10/2019	51510237	Gravity Connection	PVC	100	Waste	Local	10. Long Bay	Existing
31/10/2019	51510238	Gravity Connection	PVC	100	Waste	Local	10. Long Bay	Existing
31/10/2019	51510240	Gravity Connection	PVC	100	Waste	Local	10. Long Bay	Existing
31/10/2019	51510241	Gravity Connection	PVC	100	Waste	Local	10. Long Bay	Existing
31/10/2019	51510242	Gravity Connection	PVC	100	Waste	Local	10. Long Bay	Existing
31/10/2019	51510243	Gravity Connection	PVC	100	Waste	Local	10. Long Bay	Existing
31/10/2019	51510244	Gravity Connection	PVC	100	Waste	Local	10. Long Bay	Existing
31/10/2019	51510245	Gravity Connection	PVC	100	Waste	Local	10. Long Bay	Existing
31/10/2019	51510246	Gravity Connection	PVC	100	Waste	Local	10. Long Bay	Existing
31/10/2019	51510247	Gravity Connection	PVC	100	Waste	Local	10. Long Bay	Existing
31/10/2019	51510248	Gravity Connection	PVC	100	Waste	Local	10. Long Bay	Existing
31/10/2019	51510249	Gravity Connection	PVC	100	Waste	Local	10. Long Bay	Existing
31/10/2019	51510250	Gravity Connection	PVC	100	Waste	Local	10. Long Bay	Existing
31/10/2019	51510251	Gravity Connection	PVC	100	Waste	Local	10. Long Bay	Existing
31/10/2019	51510252	Gravity Connection	PVC	100	Waste	Local	10. Long Bay	Existing
31/10/2019	51510253	Gravity Connection	PVC	100	Waste	Local	10. Long Bay	Existing
31/10/2019	51510254	Gravity Connection	PVC	100	Waste	Local	10. Long Bay	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
31/10/2019	51510256	Gravity Connection	PVC	100	Waste	Local	10. Long Bay	Existing
31/10/2019	51510258	Gravity Connection	PVC	100	Waste	Local	10. Long Bay	Existing
31/10/2019	51510259	Gravity Connection	PVC	100	Waste	Local	10. Long Bay	Existing
31/10/2019	51510260	Gravity Connection	PVC	100	Waste	Local	10. Long Bay	Existing
31/10/2019	51510261	Gravity Connection	PVC	100	Waste	Local	10. Long Bay	Existing
31/10/2019	51510262	Gravity Connection	PVC	100	Waste	Local	10. Long Bay	Existing
31/10/2019	51510263	Gravity Connection	PVC	100	Waste	Local	10. Long Bay	Existing
31/10/2019	51510264	Gravity Connection	PVC	100	Waste	Local	10. Long Bay	Existing
31/10/2019	51510265	Gravity Connection	PVC	100	Waste	Local	10. Long Bay	Existing
31/10/2019	51510266	Gravity Connection	PVC	100	Waste	Local	10. Long Bay	Existing
31/10/2019	51510267	Gravity Connection	PVC	100	Waste	Local	10. Long Bay	Existing
31/10/2019	51510268	Gravity Connection	PVC	100	Waste	Local	10. Long Bay	Existing
19/12/2019	51503373	Gravity	PVC	150	Waste	Local	10. Long Bay	Existing
19/12/2019	51503374	Gravity	PVC	150	Waste	Local	10. Long Bay	Existing
19/12/2019	51503383	Gravity	PVC	150	Waste	Local	10. Long Bay	Existing
19/12/2019	51503389	Gravity	PVC	150	Waste	Local	10. Long Bay	Existing
19/12/2019	51503373	Gravity	PVC	150	Waste	Local	10. Long Bay	Existing
19/12/2019	51503374	Gravity	PVC	150	Waste	Local	10. Long Bay	Existing
19/12/2019	51503383	Gravity	PVC	150	Waste	Local	10. Long Bay	Existing
19/12/2019	51503389	Gravity	PVC	150	Waste	Local	10. Long Bay	Existing
19/12/2019	51503376	Gravity Connection	PVC	100	Waste	Local	10. Long Bay	Existing
19/12/2019	51503378	Gravity Connection	PVC	100	Waste	Local	10. Long Bay	Existing
19/12/2019	51503379	Gravity Connection	PVC	100	Waste	Local	10. Long Bay	Existing
19/12/2019	51503385	Gravity Connection	PVC	100	Waste	Local	10. Long Bay	Existing
19/12/2019	51503387	Gravity Connection	PVC	100	Waste	Local	10. Long Bay	Existing
19/12/2019	51503390	Gravity Connection	PVC	100	Waste	Local	10. Long Bay	Existing
19/12/2019	51503391	Gravity Connection	PVC	100	Waste	Local	10. Long Bay	Existing
19/12/2019	51503392	Gravity Connection	PVC	100	Waste	Local	10. Long Bay	Existing
19/12/2019	51503393	Gravity Connection	PVC	100	Waste	Local	10. Long Bay	Existing
19/12/2019	51503376	Gravity Connection	PVC	100	Waste	Local	10. Long Bay	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
19/12/2019	51503378	Gravity Connection	PVC	100	Waste	Local	10. Long Bay	Existing
19/12/2019	51503379	Gravity Connection	PVC	100	Waste	Local	10. Long Bay	Existing
19/12/2019	51503385	Gravity Connection	PVC	100	Waste	Local	10. Long Bay	Existing
19/12/2019	51503387	Gravity Connection	PVC	100	Waste	Local	10. Long Bay	Existing
19/12/2019	51503390	Gravity Connection	PVC	100	Waste	Local	10. Long Bay	Existing
19/12/2019	51503391	Gravity Connection	PVC	100	Waste	Local	10. Long Bay	Existing
19/12/2019	51503392	Gravity Connection	PVC	100	Waste	Local	10. Long Bay	Existing
19/12/2019	51503393	Gravity Connection	PVC	100	Waste	Local	10. Long Bay	Existing
23/01/2020	51509267	Gravity	PVC	150	Waste	Local	10. Long Bay	Existing
23/01/2020	51509267	Gravity	PVC	150	Waste	Local	10. Long Bay	Existing
2/07/2019	51298319	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
2/07/2019	51298319	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
3/07/2019	51307992	Gravity	PVC	225	Waste	Local	11. East Coast Bays	Existing
3/07/2019	51309116	Gravity	PVC	150	Waste	Local	11. East Coast Bays	Existing
3/07/2019	51309118	Gravity	PVC	150	Waste	Local	11. East Coast Bays	Existing
3/07/2019	51307992	Gravity	PVC	225	Waste	Local	11. East Coast Bays	Existing
3/07/2019	51309116	Gravity	PVC	150	Waste	Local	11. East Coast Bays	Existing
3/07/2019	51309118	Gravity	PVC	150	Waste	Local	11. East Coast Bays	Existing
3/07/2019	51309119	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
3/07/2019	51309119	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
10/07/2019	51308988	Gravity	PVC	150	Waste	Local	11. East Coast Bays	Existing
10/07/2019	51308988	Gravity	PVC	150	Waste	Local	11. East Coast Bays	Existing
10/07/2019	51308989	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
10/07/2019	51308990	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
10/07/2019	51308989	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
10/07/2019	51308990	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
12/07/2019	51305757	Gravity	PVC	150	Waste	Local	11. East Coast Bays	Existing
12/07/2019	51305759	Gravity	PVC	150	Waste	Local	11. East Coast Bays	Existing
12/07/2019	51305757	Gravity	PVC	150	Waste	Local	11. East Coast Bays	Existing
12/07/2019	51305759	Gravity	PVC	150	Waste	Local	11. East Coast Bays	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
12/07/2019	51305761	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
12/07/2019	51305762	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
12/07/2019	51305763	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
12/07/2019	51305764	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
12/07/2019	51305766	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
12/07/2019	51305767	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
12/07/2019	51305769	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
12/07/2019	51305782	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
12/07/2019	51305761	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
12/07/2019	51305762	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
12/07/2019	51305763	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
12/07/2019	51305764	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
12/07/2019	51305766	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
12/07/2019	51305767	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
12/07/2019	51305769	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
12/07/2019	51305782	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
17/07/2019	51312495	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
17/07/2019	51312496	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
17/07/2019	51312497	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
17/07/2019	51312495	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
17/07/2019	51312496	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
17/07/2019	51312497	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
26/07/2019	51502980	Gravity	PVC	150	Waste	Local	11. East Coast Bays	Existing
26/07/2019	51502980	Gravity	PVC	150	Waste	Local	11. East Coast Bays	Existing
26/07/2019	51502981	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
26/07/2019	51502982	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
26/07/2019	51502983	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
26/07/2019	51502984	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
26/07/2019	51502981	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
26/07/2019	51502982	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
26/07/2019	51502983	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
26/07/2019	51502984	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
31/07/2019	51307827	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
31/07/2019	51307827	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
12/08/2019	51466457	Gravity	PVC	100	Waste	Local	11. East Coast Bays	Existing
12/08/2019	51466459	Gravity	PVC	100	Waste	Local	11. East Coast Bays	Existing
12/08/2019	51480975	Gravity	PVC	150	Waste	Local	11. East Coast Bays	Existing
12/08/2019	51480976	Gravity	PVC	150	Waste	Local	11. East Coast Bays	Existing
12/08/2019	51466457	Gravity	PVC	100	Waste	Local	11. East Coast Bays	Existing
12/08/2019	51466459	Gravity	PVC	100	Waste	Local	11. East Coast Bays	Existing
12/08/2019	51480975	Gravity	PVC	150	Waste	Local	11. East Coast Bays	Existing
12/08/2019	51480976	Gravity	PVC	150	Waste	Local	11. East Coast Bays	Existing
12/08/2019	51466460	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
12/08/2019	51466461	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
12/08/2019	51480977	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
12/08/2019	51480978	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
12/08/2019	51502353	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
12/08/2019	51502354	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
12/08/2019	51502355	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
12/08/2019	51466460	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
12/08/2019	51466461	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
12/08/2019	51480977	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
12/08/2019	51480978	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
12/08/2019	51502353	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
12/08/2019	51502354	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
12/08/2019	51502355	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
22/08/2019	51466607	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
22/08/2019	51466609	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
22/08/2019	51466607	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
22/08/2019	51466609	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
2/09/2019	51468437	Gravity	PVC	150	Waste	Local	11. East Coast Bays	Existing
2/09/2019	51468437	Gravity	PVC	150	Waste	Local	11. East Coast Bays	Existing
3/09/2019	51502582	Gravity	PVC	150	Waste	Local	11. East Coast Bays	Existing
3/09/2019	51502582	Gravity	PVC	150	Waste	Local	11. East Coast Bays	Existing
3/09/2019	51312469	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
3/09/2019	51312470	Gravity Connection	PVC	150	Waste	Local	11. East Coast Bays	Existing
3/09/2019	51312473	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
3/09/2019	51312474	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
3/09/2019	51312476	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
3/09/2019	51312477	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
3/09/2019	51312478	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
3/09/2019	51312479	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
3/09/2019	51312480	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
3/09/2019	51312481	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
3/09/2019	51312482	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
3/09/2019	51502583	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
3/09/2019	51502584	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
3/09/2019	51312469	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
3/09/2019	51312470	Gravity Connection	PVC	150	Waste	Local	11. East Coast Bays	Existing
3/09/2019	51312473	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
3/09/2019	51312474	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
3/09/2019	51312476	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
3/09/2019	51312477	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
3/09/2019	51312478	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
3/09/2019	51312479	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
3/09/2019	51312480	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
3/09/2019	51312481	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
3/09/2019	51312482	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
3/09/2019	51502583	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
3/09/2019	51502584	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
9/09/2019	51497016	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
9/09/2019	51497016	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
24/09/2019	51502197	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
24/09/2019	51502202	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
24/09/2019	51502205	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
24/09/2019	51502197	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
24/09/2019	51502202	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
24/09/2019	51502205	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
1/10/2019	51516531	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
1/10/2019	51516532	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
1/10/2019	51516533	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
1/10/2019	51516531	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
1/10/2019	51516532	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
1/10/2019	51516533	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
14/10/2019	51468797	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
14/10/2019	51468798	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
14/10/2019	51468797	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
14/10/2019	51468798	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
21/10/2019	51495467	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
21/10/2019	51495467	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
8/11/2019	51501315	Gravity	PVC	150	Waste	Local	11. East Coast Bays	Existing
8/11/2019	51501315	Gravity	PVC	150	Waste	Local	11. East Coast Bays	Existing
8/11/2019	51501312	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
8/11/2019	51501313	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
8/11/2019	51501312	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
8/11/2019	51501313	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
27/11/2019	51510709	Gravity	PVC	150	Waste	Local	11. East Coast Bays	Existing
27/11/2019	51510709	Gravity	PVC	150	Waste	Local	11. East Coast Bays	Existing
27/11/2019	51510710	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
27/11/2019	51510711	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
27/11/2019	51510710	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
27/11/2019	51510711	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
8/01/2020	51501466	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
8/01/2020	51501467	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
8/01/2020	51501468	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
8/01/2020	51501466	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
8/01/2020	51501467	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
8/01/2020	51501468	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
24/01/2020	51502479	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
24/01/2020	51502479	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
29/01/2020	51518338	Gravity	PVC	150	Waste	Local	11. East Coast Bays	Existing
29/01/2020	51518338	Gravity	PVC	150	Waste	Local	11. East Coast Bays	Existing
29/01/2020	51518339	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
29/01/2020	51518340	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
29/01/2020	51518341	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
29/01/2020	51518339	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
29/01/2020	51518340	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
29/01/2020	51518341	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
30/01/2020	51503397	Gravity	PVC	150	Waste	Local	11. East Coast Bays	Existing
30/01/2020	51503401	Gravity	PVC	150	Waste	Local	11. East Coast Bays	Existing
30/01/2020	51503397	Gravity	PVC	150	Waste	Local	11. East Coast Bays	Existing
30/01/2020	51503401	Gravity	PVC	150	Waste	Local	11. East Coast Bays	Existing
30/01/2020	51503402	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
30/01/2020	51503403	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
30/01/2020	51503404	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
30/01/2020	51503405	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
30/01/2020	51503402	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
30/01/2020	51503403	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
30/01/2020	51503404	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
30/01/2020	51503405	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
30/01/2020	51503398	Pressure Conn	PE	50	Waste	Local	11. East Coast Bays	Existing
30/01/2020	51503399	Pressure Conn	PE	50	Waste	Local	11. East Coast Bays	Existing
30/01/2020	51503398	Pressure Conn	PE	50	Waste	Local	11. East Coast Bays	Existing
30/01/2020	51503399	Pressure Conn	PE	50	Waste	Local	11. East Coast Bays	Existing
31/01/2020	51518331	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
31/01/2020	51518332	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
31/01/2020	51518334	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
31/01/2020	51518331	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
31/01/2020	51518332	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
31/01/2020	51518334	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
31/01/2020	51506998	Pressure Conn	PE	50	Waste	Local	11. East Coast Bays	Existing
31/01/2020	51506998	Pressure Conn	PE	50	Waste	Local	11. East Coast Bays	Existing
3/02/2020	51503337	Gravity	PE	180	Waste	Local	11. East Coast Bays	Existing
3/02/2020	51503339	Gravity	PE	180	Waste	Local	11. East Coast Bays	Existing
3/02/2020	51503337	Gravity	PE	180	Waste	Local	11. East Coast Bays	Existing
3/02/2020	51503339	Gravity	PE	180	Waste	Local	11. East Coast Bays	Existing
3/02/2020	51503340	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
3/02/2020	51503341	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
3/02/2020	51503342	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
3/02/2020	51503343	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
3/02/2020	51509182	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
3/02/2020	51503340	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
3/02/2020	51503341	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
3/02/2020	51503342	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
3/02/2020	51503343	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
3/02/2020	51509182	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
4/02/2020	51509781	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
4/02/2020	51509782	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
4/02/2020	51509781	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
4/02/2020	51509782	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
10/02/2020	51507053	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
10/02/2020	51507054	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
10/02/2020	51507053	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
10/02/2020	51507054	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
11/02/2020	51506911	Gravity	PVC	100	Waste	Local	11. East Coast Bays	Existing
11/02/2020	51510176	Gravity	PVC	150	Waste	Local	11. East Coast Bays	Existing
11/02/2020	51506911	Gravity	PVC	100	Waste	Local	11. East Coast Bays	Existing
11/02/2020	51510176	Gravity	PVC	150	Waste	Local	11. East Coast Bays	Existing
11/02/2020	51506912	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
11/02/2020	51506913	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
11/02/2020	51510177	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
11/02/2020	51510178	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
11/02/2020	51510179	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
11/02/2020	51506912	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
11/02/2020	51506913	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
11/02/2020	51510177	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
11/02/2020	51510178	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
11/02/2020	51510179	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
13/02/2020	51509964	Gravity	PE	150	Waste	Local	11. East Coast Bays	Existing
13/02/2020	51509964	Gravity	PE	150	Waste	Local	11. East Coast Bays	Existing
13/02/2020	51509969	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
13/02/2020	51509970	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
13/02/2020	51509971	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
13/02/2020	51509969	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
13/02/2020	51509970	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
13/02/2020	51509971	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
18/02/2020	51510461	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
18/02/2020	51510462	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
18/02/2020	51510464	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
18/02/2020	51510465	Gravity Connection	PVC	150	Waste	Local	11. East Coast Bays	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
18/02/2020	51510461	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
18/02/2020	51510462	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
18/02/2020	51510464	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
18/02/2020	51510465	Gravity Connection	PVC	150	Waste	Local	11. East Coast Bays	Existing
21/02/2020	51518172	Gravity	PVC	150	Waste	Local	11. East Coast Bays	Existing
21/02/2020	51518177	Gravity	CLS	150	Waste	Local	11. East Coast Bays	Existing
21/02/2020	51518172	Gravity	PVC	150	Waste	Local	11. East Coast Bays	Existing
21/02/2020	51518177	Gravity	CLS	150	Waste	Local	11. East Coast Bays	Existing
21/02/2020	51518173	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
21/02/2020	51518174	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
21/02/2020	51518173	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
21/02/2020	51518174	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
24/02/2020	51512880	Gravity	PVC	150	Waste	Local	11. East Coast Bays	Existing
24/02/2020	51512880	Gravity	PVC	150	Waste	Local	11. East Coast Bays	Existing
24/02/2020	51512881	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
24/02/2020	51512881	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
27/02/2020	51510042	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
27/02/2020	51510043	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
27/02/2020	51510042	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
27/02/2020	51510043	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
28/02/2020	51510081	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
28/02/2020	51510082	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
28/02/2020	51510081	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
28/02/2020	51510082	Gravity Connection	PVC	100	Waste	Local	11. East Coast Bays	Existing
20/03/2020	51507027	Gravity	PVC	150	Waste	Local	11. East Coast Bays	Existing
20/03/2020	51507027	Gravity	PVC	150	Waste	Local	11. East Coast Bays	Existing
9/09/2019	51309407	Gravity Connection	PVC	100	Waste	Local	12. Devonport-Takapuna	Existing
9/09/2019	51309407	Gravity Connection	PVC	100	Waste	Local	12. Devonport-Takapuna	Existing
11/10/2019	51492382	Gravity Connection	PVC	100	Waste	Local	12. Devonport-Takapuna	Existing
11/10/2019	51501380	Gravity Connection	PVC	100	Waste	Local	12. Devonport-Takapuna	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
11/10/2019	51501382	Gravity Connection	PVC	100	Waste	Local	12. Devonport-Takapuna	Existing
11/10/2019	51492382	Gravity Connection	PVC	100	Waste	Local	12. Devonport-Takapuna	Existing
11/10/2019	51501380	Gravity Connection	PVC	100	Waste	Local	12. Devonport-Takapuna	Existing
11/10/2019	51501382	Gravity Connection	PVC	100	Waste	Local	12. Devonport-Takapuna	Existing
5/03/2020	51508460	Gravity Connection	PVC	100	Waste	Local	12. Devonport-Takapuna	Existing
5/03/2020	51508461	Gravity Connection	PVC	100	Waste	Local	12. Devonport-Takapuna	Existing
5/03/2020	51508460	Gravity Connection	PVC	100	Waste	Local	12. Devonport-Takapuna	Existing
5/03/2020	51508461	Gravity Connection	PVC	100	Waste	Local	12. Devonport-Takapuna	Existing
2/07/2019	51355644	Gravity	PVC	150	Waste	Local	13. Shoal Bay	Existing
2/07/2019	51355647	Gravity	PVC	150	Waste	Local	13. Shoal Bay	Existing
2/07/2019	51355644	Gravity	PVC	150	Waste	Local	13. Shoal Bay	Existing
2/07/2019	51355647	Gravity	PVC	150	Waste	Local	13. Shoal Bay	Existing
2/07/2019	51355650	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
2/07/2019	51355652	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
2/07/2019	51355653	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
2/07/2019	51355654	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
2/07/2019	51355655	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
2/07/2019	51355650	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
2/07/2019	51355652	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
2/07/2019	51355653	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
2/07/2019	51355654	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
2/07/2019	51355655	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
10/07/2019	51299239	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
10/07/2019	51299240	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
10/07/2019	51299239	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
10/07/2019	51299240	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
22/07/2019	51309145	Gravity	PVC	150	Waste	Local	13. Shoal Bay	Existing
22/07/2019	51309145	Gravity	PVC	150	Waste	Local	13. Shoal Bay	Existing
22/07/2019	51309146	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
22/07/2019	51309147	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
22/07/2019	51309146	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
22/07/2019	51309147	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
24/07/2019	51355852	Gravity	PVC	150	Waste	Local	13. Shoal Bay	Existing
24/07/2019	51355852	Gravity	PVC	150	Waste	Local	13. Shoal Bay	Existing
24/07/2019	51356183	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
24/07/2019	51356753	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
24/07/2019	51357280	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
24/07/2019	51356183	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
24/07/2019	51356753	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
24/07/2019	51357280	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
1/08/2019	51453683	Gravity Connection	PVC	150	Waste	Local	13. Shoal Bay	Existing
1/08/2019	51453684	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
1/08/2019	51453685	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
1/08/2019	51453683	Gravity Connection	PVC	150	Waste	Local	13. Shoal Bay	Existing
1/08/2019	51453684	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
1/08/2019	51453685	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
6/08/2019	51450792	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
6/08/2019	51450793	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
6/08/2019	51450792	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
6/08/2019	51450793	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
27/08/2019	51508343	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
27/08/2019	51508344	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
27/08/2019	51508348	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
27/08/2019	51508349	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
27/08/2019	51508343	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
27/08/2019	51508344	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
27/08/2019	51508348	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
27/08/2019	51508349	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
1/09/2019	51495726	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
1/09/2019	51495728	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
1/09/2019	51495727	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
1/09/2019	51495726	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
1/09/2019	51495728	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
1/09/2019	51495727	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
24/09/2019	51483126	Gravity	PVC	150	Waste	Local	13. Shoal Bay	Existing
24/09/2019	51483126	Gravity	PVC	150	Waste	Local	13. Shoal Bay	Existing
24/09/2019	51483128	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
24/09/2019	51483129	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
24/09/2019	51483130	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
24/09/2019	51483132	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
24/09/2019	51483128	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
24/09/2019	51483129	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
24/09/2019	51483130	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
24/09/2019	51483132	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
7/10/2019	51487363	Gravity	PVC	150	Waste	Local	13. Shoal Bay	Existing
7/10/2019	51487363	Gravity	PVC	150	Waste	Local	13. Shoal Bay	Existing
7/10/2019	51487364	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
7/10/2019	51487365	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
7/10/2019	51487366	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
7/10/2019	51487367	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
7/10/2019	51487364	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
7/10/2019	51487365	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
7/10/2019	51487366	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
7/10/2019	51487367	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
28/11/2019	51512996	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
28/11/2019	51512997	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
28/11/2019	51512998	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
28/11/2019	51512996	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
28/11/2019	51512997	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
28/11/2019	51512998	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
14/01/2020	51507045	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
14/01/2020	51507046	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
14/01/2020	51507045	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
14/01/2020	51507046	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
4/02/2020	51509427	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
4/02/2020	51509428	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
4/02/2020	51509427	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
4/02/2020	51509428	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
13/02/2020	51507067	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
13/02/2020	51507071	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
13/02/2020	51507072	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
13/02/2020	51507073	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
13/02/2020	51507074	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
13/02/2020	51507075	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
13/02/2020	51507076	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
13/02/2020	51507077	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
13/02/2020	51507078	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
13/02/2020	51507079	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
13/02/2020	51507080	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
13/02/2020	51507081	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
13/02/2020	51507082	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
13/02/2020	51507083	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
13/02/2020	51507067	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
13/02/2020	51507071	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
13/02/2020	51507072	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
13/02/2020	51507073	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
13/02/2020	51507074	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
13/02/2020	51507075	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
13/02/2020	51507076	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
13/02/2020	51507077	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
13/02/2020	51507078	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
13/02/2020	51507079	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
13/02/2020	51507080	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
13/02/2020	51507081	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
13/02/2020	51507082	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
13/02/2020	51507083	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
19/02/2020	51512807	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
19/02/2020	51512807	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
27/02/2020	51510008	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
27/02/2020	51510009	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
27/02/2020	51510008	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
27/02/2020	51510009	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
5/03/2020	51508462	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
5/03/2020	51508462	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
23/03/2020	51518117	Gravity	PVC	150	Waste	Local	13. Shoal Bay	Existing
23/03/2020	51518118	Gravity	PVC	150	Waste	Local	13. Shoal Bay	Existing
23/03/2020	51518120	Gravity	PVC	150	Waste	Local	13. Shoal Bay	Existing
23/03/2020	51518123	Gravity	PVC	150	Waste	Local	13. Shoal Bay	Existing
23/03/2020	51518124	Gravity	PVC	150	Waste	Local	13. Shoal Bay	Existing
23/03/2020	51518125	Gravity	PVC	150	Waste	Local	13. Shoal Bay	Existing
23/03/2020	51518132	Gravity	PVC	150	Waste	Local	13. Shoal Bay	Existing
23/03/2020	51518134	Gravity	PVC	150	Waste	Local	13. Shoal Bay	Existing
23/03/2020	51518135	Gravity	PVC	150	Waste	Local	13. Shoal Bay	Existing
23/03/2020	51518136	Gravity	PVC	150	Waste	Local	13. Shoal Bay	Existing
23/03/2020	51518261	Gravity	PVC	150	Waste	Local	13. Shoal Bay	Existing
23/03/2020	51518262	Gravity	PE	180	Waste	Local	13. Shoal Bay	Existing
23/03/2020	51518263	Gravity	PE	180	Waste	Local	13. Shoal Bay	Existing
23/03/2020	51518264	Gravity	PVC	150	Waste	Local	13. Shoal Bay	Existing
23/03/2020	51518279	Gravity	PVC	150	Waste	Local	13. Shoal Bay	Existing
23/03/2020	51518281	Gravity	PVC	150	Waste	Local	13. Shoal Bay	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
23/03/2020	51518292	Gravity	PVC	150	Waste	Local	13. Shoal Bay	Existing
23/03/2020	51518293	Gravity	PVC	150	Waste	Local	13. Shoal Bay	Existing
23/03/2020	51518299	Gravity	PVC	150	Waste	Local	13. Shoal Bay	Existing
23/03/2020	51518117	Gravity	PVC	150	Waste	Local	13. Shoal Bay	Existing
23/03/2020	51518118	Gravity	PVC	150	Waste	Local	13. Shoal Bay	Existing
23/03/2020	51518120	Gravity	PVC	150	Waste	Local	13. Shoal Bay	Existing
23/03/2020	51518123	Gravity	PVC	150	Waste	Local	13. Shoal Bay	Existing
23/03/2020	51518124	Gravity	PVC	150	Waste	Local	13. Shoal Bay	Existing
23/03/2020	51518125	Gravity	PVC	150	Waste	Local	13. Shoal Bay	Existing
23/03/2020	51518132	Gravity	PVC	150	Waste	Local	13. Shoal Bay	Existing
23/03/2020	51518134	Gravity	PVC	150	Waste	Local	13. Shoal Bay	Existing
23/03/2020	51518135	Gravity	PVC	150	Waste	Local	13. Shoal Bay	Existing
23/03/2020	51518136	Gravity	PVC	150	Waste	Local	13. Shoal Bay	Existing
23/03/2020	51518261	Gravity	PVC	150	Waste	Local	13. Shoal Bay	Existing
23/03/2020	51518262	Gravity	PE	180	Waste	Local	13. Shoal Bay	Existing
23/03/2020	51518263	Gravity	PE	180	Waste	Local	13. Shoal Bay	Existing
23/03/2020	51518264	Gravity	PVC	150	Waste	Local	13. Shoal Bay	Existing
23/03/2020	51518279	Gravity	PVC	150	Waste	Local	13. Shoal Bay	Existing
23/03/2020	51518281	Gravity	PVC	150	Waste	Local	13. Shoal Bay	Existing
23/03/2020	51518292	Gravity	PVC	150	Waste	Local	13. Shoal Bay	Existing
23/03/2020	51518293	Gravity	PVC	150	Waste	Local	13. Shoal Bay	Existing
23/03/2020	51518299	Gravity	PVC	150	Waste	Local	13. Shoal Bay	Existing
23/03/2020	51518137	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
23/03/2020	51518138	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
23/03/2020	51518139	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
23/03/2020	51518140	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
23/03/2020	51518141	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
23/03/2020	51518142	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
23/03/2020	51518143	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
23/03/2020	51518144	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
23/03/2020	51518145	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
23/03/2020	51518146	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
23/03/2020	51518147	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
23/03/2020	51518148	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
23/03/2020	51518149	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
23/03/2020	51518150	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
23/03/2020	51518151	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
23/03/2020	51518152	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
23/03/2020	51518153	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
23/03/2020	51518154	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
23/03/2020	51518155	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
23/03/2020	51518156	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
23/03/2020	51518157	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
23/03/2020	51518158	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
23/03/2020	51518159	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
23/03/2020	51518160	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
23/03/2020	51518161	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
23/03/2020	51518265	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
23/03/2020	51518266	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
23/03/2020	51518267	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
23/03/2020	51518268	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
23/03/2020	51518269	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
23/03/2020	51518270	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
23/03/2020	51518271	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
23/03/2020	51518273	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
23/03/2020	51518274	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
23/03/2020	51518294	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
23/03/2020	51518295	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
23/03/2020	51518296	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
23/03/2020	51518137	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
23/03/2020	51518138	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
23/03/2020	51518139	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
23/03/2020	51518140	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
23/03/2020	51518141	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
23/03/2020	51518142	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
23/03/2020	51518143	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
23/03/2020	51518144	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
23/03/2020	51518145	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
23/03/2020	51518146	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
23/03/2020	51518147	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
23/03/2020	51518148	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
23/03/2020	51518149	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
23/03/2020	51518150	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
23/03/2020	51518151	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
23/03/2020	51518152	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
23/03/2020	51518153	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
23/03/2020	51518154	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
23/03/2020	51518155	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
23/03/2020	51518156	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
23/03/2020	51518157	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
23/03/2020	51518158	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
23/03/2020	51518159	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
23/03/2020	51518160	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
23/03/2020	51518161	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
23/03/2020	51518265	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
23/03/2020	51518266	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
23/03/2020	51518267	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
23/03/2020	51518268	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
23/03/2020	51518269	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
23/03/2020	51518270	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
23/03/2020	51518271	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
23/03/2020	51518273	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
23/03/2020	51518274	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
23/03/2020	51518294	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
23/03/2020	51518295	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
23/03/2020	51518296	Gravity Connection	PVC	100	Waste	Local	13. Shoal Bay	Existing
10/07/2019	51305711	Gravity	PE	125	Waste	Local	14. Upper Harbour North	Existing
10/07/2019	51305711	Gravity	PE	125	Waste	Local	14. Upper Harbour North	Existing
10/07/2019	51305703	Gravity Connection	PVC	100	Waste	Local	14. Upper Harbour North	Existing
10/07/2019	51305704	Gravity Connection	PVC	100	Waste	Local	14. Upper Harbour North	Existing
10/07/2019	51305712	Gravity Connection	PVC	100	Waste	Local	14. Upper Harbour North	Existing
10/07/2019	51305703	Gravity Connection	PVC	100	Waste	Local	14. Upper Harbour North	Existing
10/07/2019	51305704	Gravity Connection	PVC	100	Waste	Local	14. Upper Harbour North	Existing
10/07/2019	51305712	Gravity Connection	PVC	100	Waste	Local	14. Upper Harbour North	Existing
6/08/2019	51310373	Gravity	PVC	150	Waste	Local	14. Upper Harbour North	Existing
6/08/2019	51310373	Gravity	PVC	150	Waste	Local	14. Upper Harbour North	Existing
6/08/2019	51310371	Gravity Connection	PVC	100	Waste	Local	14. Upper Harbour North	Existing
6/08/2019	51310372	Gravity Connection	PVC	100	Waste	Local	14. Upper Harbour North	Existing
6/08/2019	51310374	Gravity Connection	PVC	100	Waste	Local	14. Upper Harbour North	Existing
6/08/2019	51310371	Gravity Connection	PVC	100	Waste	Local	14. Upper Harbour North	Existing
6/08/2019	51310372	Gravity Connection	PVC	100	Waste	Local	14. Upper Harbour North	Existing
6/08/2019	51310374	Gravity Connection	PVC	100	Waste	Local	14. Upper Harbour North	Existing
16/08/2019	51479822	Gravity Connection	PVC	100	Waste	Local	14. Upper Harbour North	Existing
16/08/2019	51479823	Gravity Connection	PVC	100	Waste	Local	14. Upper Harbour North	Existing
16/08/2019	51479824	Gravity Connection	PVC	100	Waste	Local	14. Upper Harbour North	Existing
16/08/2019	51479825	Gravity Connection	PVC	100	Waste	Local	14. Upper Harbour North	Existing
16/08/2019	51479826	Gravity Connection	PVC	100	Waste	Local	14. Upper Harbour North	Existing
16/08/2019	51479827	Gravity Connection	PVC	100	Waste	Local	14. Upper Harbour North	Existing
16/08/2019	51479822	Gravity Connection	PVC	100	Waste	Local	14. Upper Harbour North	Existing
16/08/2019	51479823	Gravity Connection	PVC	100	Waste	Local	14. Upper Harbour North	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
16/08/2019	51479824	Gravity Connection	PVC	100	Waste	Local	14. Upper Harbour North	Existing
16/08/2019	51479825	Gravity Connection	PVC	100	Waste	Local	14. Upper Harbour North	Existing
16/08/2019	51479826	Gravity Connection	PVC	100	Waste	Local	14. Upper Harbour North	Existing
16/08/2019	51479827	Gravity Connection	PVC	100	Waste	Local	14. Upper Harbour North	Existing
20/08/2019	51509351	Gravity Connection	PVC	100	Waste	Local	14. Upper Harbour North	Existing
20/08/2019	51509353	Gravity Connection	PVC	100	Waste	Local	14. Upper Harbour North	Existing
20/08/2019	51509354	Gravity Connection	PVC	100	Waste	Local	14. Upper Harbour North	Existing
20/08/2019	51509355	Gravity Connection	PVC	100	Waste	Local	14. Upper Harbour North	Existing
20/08/2019	51509356	Gravity Connection	PVC	100	Waste	Local	14. Upper Harbour North	Existing
20/08/2019	51509357	Gravity Connection	PVC	100	Waste	Local	14. Upper Harbour North	Existing
20/08/2019	51509358	Gravity Connection	PVC	100	Waste	Local	14. Upper Harbour North	Existing
20/08/2019	51509351	Gravity Connection	PVC	100	Waste	Local	14. Upper Harbour North	Existing
20/08/2019	51509353	Gravity Connection	PVC	100	Waste	Local	14. Upper Harbour North	Existing
20/08/2019	51509354	Gravity Connection	PVC	100	Waste	Local	14. Upper Harbour North	Existing
20/08/2019	51509355	Gravity Connection	PVC	100	Waste	Local	14. Upper Harbour North	Existing
20/08/2019	51509356	Gravity Connection	PVC	100	Waste	Local	14. Upper Harbour North	Existing
20/08/2019	51509357	Gravity Connection	PVC	100	Waste	Local	14. Upper Harbour North	Existing
20/08/2019	51509358	Gravity Connection	PVC	100	Waste	Local	14. Upper Harbour North	Existing
11/10/2019	51502587	Gravity Connection	PVC	100	Waste	Local	14. Upper Harbour North	Existing
11/10/2019	51502588	Gravity Connection	PVC	100	Waste	Local	14. Upper Harbour North	Existing
11/10/2019	51502589	Gravity Connection	PVC	100	Waste	Local	14. Upper Harbour North	Existing
11/10/2019	51502587	Gravity Connection	PVC	100	Waste	Local	14. Upper Harbour North	Existing
11/10/2019	51502588	Gravity Connection	PVC	100	Waste	Local	14. Upper Harbour North	Existing
11/10/2019	51502589	Gravity Connection	PVC	100	Waste	Local	14. Upper Harbour North	Existing
13/11/2019	51487008	Gravity	PVC	100	Waste	Local	14. Upper Harbour North	Existing
13/11/2019	51487008	Gravity	PVC	100	Waste	Local	14. Upper Harbour North	Existing
13/11/2019	51487005	Gravity Connection	PVC	100	Waste	Local	14. Upper Harbour North	Existing
13/11/2019	51487009	Gravity Connection	PVC	100	Waste	Local	14. Upper Harbour North	Existing
13/11/2019	51487005	Gravity Connection	PVC	100	Waste	Local	14. Upper Harbour North	Existing
13/11/2019	51487009	Gravity Connection	PVC	100	Waste	Local	14. Upper Harbour North	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
13/11/2019	51487004	Pressure Conn	PE	50	Waste	Local	14. Upper Harbour North	Existing
13/11/2019	51487004	Pressure Conn	PE	50	Waste	Local	14. Upper Harbour North	Existing
18/11/2019	51517966	Gravity Connection	PVC	100	Waste	Local	14. Upper Harbour North	Existing
18/11/2019	51517967	Gravity Connection	PVC	100	Waste	Local	14. Upper Harbour North	Existing
18/11/2019	51517968	Gravity Connection	PVC	100	Waste	Local	14. Upper Harbour North	Existing
18/11/2019	51517966	Gravity Connection	PVC	100	Waste	Local	14. Upper Harbour North	Existing
18/11/2019	51517967	Gravity Connection	PVC	100	Waste	Local	14. Upper Harbour North	Existing
18/11/2019	51517968	Gravity Connection	PVC	100	Waste	Local	14. Upper Harbour North	Existing
24/02/2020	51510057	Gravity Connection	PVC	100	Waste	Local	14. Upper Harbour North	Existing
24/02/2020	51510057	Gravity Connection	PVC	100	Waste	Local	14. Upper Harbour North	Existing
31/03/2020	51518301	Gravity Connection	PVC	100	Waste	Local	14. Upper Harbour North	Existing
31/03/2020	51518301	Gravity Connection	PVC	100	Waste	Local	14. Upper Harbour North	Existing
19/07/2019	51469813	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour South	Existing
19/07/2019	51469813	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour South	Existing
25/07/2019	51492719	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour South	Existing
25/07/2019	51492719	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour South	Existing
31/07/2019	51292141	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
31/07/2019	51292118	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
31/07/2019	51292119	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
31/07/2019	51292120	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
31/07/2019	51292121	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
31/07/2019	51292122	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
31/07/2019	51292123	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
31/07/2019	51292124	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
31/07/2019	51292125	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
31/07/2019	51292126	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
31/07/2019	51292127	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
31/07/2019	51292128	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
31/07/2019	51292129	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
31/07/2019	51292130	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
31/07/2019	51292131	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
31/07/2019	51292132	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
31/07/2019	51292133	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
31/07/2019	51292134	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
31/07/2019	51292135	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
31/07/2019	51292136	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
31/07/2019	51292137	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
31/07/2019	51292138	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
31/07/2019	51292139	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
31/07/2019	51292140	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
31/07/2019	51292146	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
31/07/2019	51292147	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
31/07/2019	51292148	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
31/07/2019	51292149	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
31/07/2019	51292150	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
31/07/2019	51292151	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
31/07/2019	51292152	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
31/07/2019	51292153	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
31/07/2019	51292154	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
31/07/2019	51292155	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
31/07/2019	51292156	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
31/07/2019	51292157	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
31/07/2019	51292158	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
31/07/2019	51292159	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
31/07/2019	51292160	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
31/07/2019	51292161	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
31/07/2019	51292162	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
31/07/2019	51292163	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
31/07/2019	51292164	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
31/07/2019	51292165	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
31/07/2019	51292166	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
31/07/2019	51292174	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
31/07/2019	51292181	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
31/07/2019	51292182	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
31/07/2019	51292183	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
31/07/2019	51292184	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
31/07/2019	51292185	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
31/07/2019	51292186	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
31/07/2019	51292187	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
31/07/2019	51292190	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
31/07/2019	51292191	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
31/07/2019	51292192	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
31/07/2019	51292193	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
31/07/2019	51292194	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
31/07/2019	51292195	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
31/07/2019	51292196	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
31/07/2019	51292197	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
31/07/2019	51292198	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
31/07/2019	51292199	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
31/07/2019	51292200	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
31/07/2019	51292201	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
31/07/2019	51292202	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
31/07/2019	51292203	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
31/07/2019	51292204	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
31/07/2019	51292205	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
31/07/2019	51292206	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
31/07/2019	51292207	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
31/07/2019	51292208	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
31/07/2019	51292209	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
31/07/2019	51293821	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
31/07/2019	51293822	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
31/07/2019	51293823	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
31/07/2019	51293824	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
31/07/2019	51293825	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
31/07/2019	51293826	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
31/07/2019	51293827	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
31/07/2019	51293828	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
31/07/2019	51293829	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
31/07/2019	51293830	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
31/07/2019	51293831	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
31/07/2019	51293832	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
31/07/2019	51293833	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
31/07/2019	51293845	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
31/07/2019	51293846	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
31/07/2019	51293847	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
31/07/2019	51293848	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
31/07/2019	51293849	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
31/07/2019	51293850	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
31/07/2019	51293854	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
31/07/2019	51293855	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
31/07/2019	51293856	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
31/07/2019	51293857	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
31/07/2019	51293862	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
31/07/2019	51293863	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
31/07/2019	51293864	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
31/07/2019	51293865	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
31/07/2019	51293866	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
31/07/2019	51293867	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
1/08/2019	51305375	Gravity	PVC	150	Waste	Local	15. Upper Harbour West	Future
1/08/2019	51305385	Gravity	PVC	150	Waste	Local	15. Upper Harbour West	Future

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
1/08/2019	51305398	Gravity	PVC	150	Waste	Local	15. Upper Harbour West	Future
1/08/2019	51305404	Gravity	PVC	150	Waste	Local	15. Upper Harbour West	Future
1/08/2019	51305420	Gravity	PE	180	Waste	Local	15. Upper Harbour West	Future
1/08/2019	51305422	Gravity	PVC	150	Waste	Local	15. Upper Harbour West	Future
1/08/2019	51305424	Gravity	PVC	150	Waste	Local	15. Upper Harbour West	Future
1/08/2019	51305430	Gravity	PVC	150	Waste	Local	15. Upper Harbour West	Future
1/08/2019	51305436	Gravity	PVC	150	Waste	Local	15. Upper Harbour West	Future
1/08/2019	51305440	Gravity	PVC	150	Waste	Local	15. Upper Harbour West	Future
1/08/2019	51305444	Gravity	PVC	150	Waste	Local	15. Upper Harbour West	Future
1/08/2019	51305445	Gravity	PVC	150	Waste	Local	15. Upper Harbour West	Future
1/08/2019	51305454	Gravity	PVC	150	Waste	Local	15. Upper Harbour West	Future
1/08/2019	51305455	Gravity	PVC	150	Waste	Local	15. Upper Harbour West	Future
1/08/2019	51305462	Gravity	PVC	150	Waste	Local	15. Upper Harbour West	Future
1/08/2019	51305465	Gravity	PVC	150	Waste	Local	15. Upper Harbour West	Future
1/08/2019	51305469	Gravity	PVC	150	Waste	Local	15. Upper Harbour West	Future
1/08/2019	51305471	Gravity	PVC	150	Waste	Local	15. Upper Harbour West	Future
1/08/2019	51305487	Gravity	PVC	150	Waste	Local	15. Upper Harbour West	Future
1/08/2019	51305488	Gravity	PVC	150	Waste	Local	15. Upper Harbour West	Future
1/08/2019	51305515	Gravity	PVC	150	Waste	Local	15. Upper Harbour West	Future
1/08/2019	51305521	Gravity	PVC	150	Waste	Local	15. Upper Harbour West	Future
1/08/2019	51305523	Gravity	PVC	150	Waste	Local	15. Upper Harbour West	Future
1/08/2019	51305547	Gravity	PVC	150	Waste	Local	15. Upper Harbour West	Future
1/08/2019	51305555	Gravity	PVC	150	Waste	Local	15. Upper Harbour West	Future
1/08/2019	51305556	Gravity	PVC	150	Waste	Local	15. Upper Harbour West	Future
1/08/2019	51305560	Gravity	PVC	150	Waste	Local	15. Upper Harbour West	Future
1/08/2019	51305561	Gravity	PVC	150	Waste	Local	15. Upper Harbour West	Future
1/08/2019	51305574	Gravity	PVC	150	Waste	Local	15. Upper Harbour West	Future
1/08/2019	51305575	Gravity	PVC	150	Waste	Local	15. Upper Harbour West	Future
1/08/2019	51305579	Gravity	PVC	150	Waste	Local	15. Upper Harbour West	Future
1/08/2019	51305580	Gravity	PVC	150	Waste	Local	15. Upper Harbour West	Future

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
1/08/2019	51305581	Gravity	PVC	150	Waste	Local	15. Upper Harbour West	Future
1/08/2019	51305377	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
1/08/2019	51305378	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
1/08/2019	51305379	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
1/08/2019	51305386	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
1/08/2019	51305387	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
1/08/2019	51305388	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
1/08/2019	51305389	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
1/08/2019	51305390	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
1/08/2019	51305391	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
1/08/2019	51305405	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
1/08/2019	51305406	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
1/08/2019	51305407	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
1/08/2019	51305408	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
1/08/2019	51305409	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
1/08/2019	51305410	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
1/08/2019	51305411	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
1/08/2019	51305412	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
1/08/2019	51305413	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
1/08/2019	51305414	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
1/08/2019	51305415	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
1/08/2019	51305416	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
1/08/2019	51305417	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
1/08/2019	51305418	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
1/08/2019	51305425	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
1/08/2019	51305426	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
1/08/2019	51305427	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
1/08/2019	51305428	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
1/08/2019	51305431	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
1/08/2019	51305432	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
1/08/2019	51305433	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
1/08/2019	51305434	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
1/08/2019	51305446	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
1/08/2019	51305447	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
1/08/2019	51305448	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
1/08/2019	51305449	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
1/08/2019	51305450	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
1/08/2019	51305451	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
1/08/2019	51305456	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
1/08/2019	51305457	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
1/08/2019	51305458	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
1/08/2019	51305459	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
1/08/2019	51305460	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
1/08/2019	51305473	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
1/08/2019	51305474	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
1/08/2019	51305475	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
1/08/2019	51305476	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
1/08/2019	51305477	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
1/08/2019	51305479	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
1/08/2019	51305480	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
1/08/2019	51305481	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
1/08/2019	51305482	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
1/08/2019	51305483	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
1/08/2019	51305484	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
1/08/2019	51305489	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
1/08/2019	51305490	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
1/08/2019	51305492	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
1/08/2019	51305493	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
1/08/2019	51305524	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
1/08/2019	51305525	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
1/08/2019	51305526	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
1/08/2019	51305527	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
1/08/2019	51305528	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
1/08/2019	51305529	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
1/08/2019	51305530	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
1/08/2019	51305531	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
1/08/2019	51305532	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
1/08/2019	51305533	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
1/08/2019	51305534	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
1/08/2019	51305535	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
1/08/2019	51305536	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
1/08/2019	51305537	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
1/08/2019	51305538	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
1/08/2019	51305540	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
1/08/2019	51305541	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
1/08/2019	51305542	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
1/08/2019	51305543	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
1/08/2019	51305544	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
1/08/2019	51305545	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
1/08/2019	51305571	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
1/08/2019	51305548	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
1/08/2019	51305549	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
1/08/2019	51305550	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
1/08/2019	51305551	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
1/08/2019	51305557	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
1/08/2019	51305562	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
1/08/2019	51305563	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
1/08/2019	51305564	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
1/08/2019	51305565	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
1/08/2019	51305566	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
1/08/2019	51305567	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
1/08/2019	51305568	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
1/08/2019	51305569	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
1/08/2019	51305570	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
1/08/2019	51305582	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
1/08/2019	51305583	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
1/08/2019	51305584	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
1/08/2019	51305585	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
1/08/2019	51305587	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
1/08/2019	51305589	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
1/08/2019	51305591	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
1/08/2019	51305593	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
1/08/2019	51305594	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
1/08/2019	51305596	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
1/08/2019	51305597	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
1/08/2019	51305598	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
1/08/2019	51305599	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
1/08/2019	51305600	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
1/08/2019	51305602	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
1/08/2019	51305603	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
1/08/2019	51305605	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
1/08/2019	51305606	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
1/08/2019	51305607	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
1/08/2019	51305608	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
1/08/2019	51305610	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
6/08/2019	51453720	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
12/08/2019	51299089	Gravity	PVC	150	Waste	Local	15. Upper Harbour South	Existing
12/08/2019	51299091	Gravity	PVC	150	Waste	Local	15. Upper Harbour South	Existing
12/08/2019	51299096	Gravity	PVC	150	Waste	Local	15. Upper Harbour South	Existing
12/08/2019	51299098	Gravity	PVC	150	Waste	Local	15. Upper Harbour South	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
12/08/2019	51299089	Gravity	PVC	150	Waste	Local	15. Upper Harbour South	Existing
12/08/2019	51299091	Gravity	PVC	150	Waste	Local	15. Upper Harbour South	Existing
12/08/2019	51299096	Gravity	PVC	150	Waste	Local	15. Upper Harbour South	Existing
12/08/2019	51299098	Gravity	PVC	150	Waste	Local	15. Upper Harbour South	Existing
12/08/2019	51299099	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour South	Existing
12/08/2019	51299100	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour South	Existing
12/08/2019	51299101	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour South	Existing
12/08/2019	51299102	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour South	Existing
12/08/2019	51299103	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour South	Existing
12/08/2019	51299104	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour South	Existing
12/08/2019	51299105	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour South	Existing
12/08/2019	51299106	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour South	Existing
12/08/2019	51299099	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour South	Existing
12/08/2019	51299100	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour South	Existing
12/08/2019	51299101	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour South	Existing
12/08/2019	51299102	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour South	Existing
12/08/2019	51299103	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour South	Existing
12/08/2019	51299104	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour South	Existing
12/08/2019	51299105	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour South	Existing
12/08/2019	51299106	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour South	Existing
23/08/2019	51310455	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour South	Existing
23/08/2019	51310455	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour South	Existing
5/09/2019	51488144	Gravity	PVC	150	Waste	Local	15. Upper Harbour South	Existing
5/09/2019	51488145	Gravity	PVC	150	Waste	Local	15. Upper Harbour South	Existing
5/09/2019	51488147	Gravity	PVC	150	Waste	Local	15. Upper Harbour South	Existing
5/09/2019	51488148	Gravity	PVC	150	Waste	Local	15. Upper Harbour South	Existing
5/09/2019	51488144	Gravity	PVC	150	Waste	Local	15. Upper Harbour South	Existing
5/09/2019	51488145	Gravity	PVC	150	Waste	Local	15. Upper Harbour South	Existing
5/09/2019	51488147	Gravity	PVC	150	Waste	Local	15. Upper Harbour South	Existing
5/09/2019	51488148	Gravity	PVC	150	Waste	Local	15. Upper Harbour South	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
5/09/2019	51488149	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour South	Existing
5/09/2019	51488150	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour South	Existing
5/09/2019	51488163	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour South	Existing
5/09/2019	51488151	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour South	Existing
5/09/2019	51488152	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour South	Existing
5/09/2019	51488153	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour South	Existing
5/09/2019	51488154	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour South	Existing
5/09/2019	51488155	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour South	Existing
5/09/2019	51488156	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour South	Existing
5/09/2019	51488157	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour South	Existing
5/09/2019	51488158	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour South	Existing
5/09/2019	51488161	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour South	Existing
5/09/2019	51488149	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour South	Existing
5/09/2019	51488150	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour South	Existing
5/09/2019	51488163	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour South	Existing
5/09/2019	51488151	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour South	Existing
5/09/2019	51488152	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour South	Existing
5/09/2019	51488153	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour South	Existing
5/09/2019	51488154	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour South	Existing
5/09/2019	51488155	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour South	Existing
5/09/2019	51488156	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour South	Existing
5/09/2019	51488157	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour South	Existing
5/09/2019	51488158	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour South	Existing
5/09/2019	51488161	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour South	Existing
5/09/2019	51488160	Pressure Conn	PE	50	Waste	Local	15. Upper Harbour South	Existing
5/09/2019	51488160	Pressure Conn	PE	50	Waste	Local	15. Upper Harbour South	Existing
12/09/2019	51472698	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour South	Existing
12/09/2019	51472698	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour South	Existing
20/09/2019	51475753	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour South	Existing
20/09/2019	51492490	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour South	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
20/09/2019	51475753	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour South	Existing
20/09/2019	51492490	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour South	Existing
24/09/2019	51487285	Gravity	PVC	150	Waste	Local	15. Upper Harbour South	Existing
24/09/2019	51487285	Gravity	PVC	150	Waste	Local	15. Upper Harbour South	Existing
24/09/2019	51487287	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour South	Existing
24/09/2019	51487288	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour South	Existing
24/09/2019	51487289	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour South	Existing
24/09/2019	51487287	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour South	Existing
24/09/2019	51487288	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour South	Existing
24/09/2019	51487289	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour South	Existing
24/09/2019	51487286	Pressure Conn	PE	50	Waste	Local	15. Upper Harbour South	Existing
24/09/2019	51487286	Pressure Conn	PE	50	Waste	Local	15. Upper Harbour South	Existing
26/09/2019	51447102	Gravity	PVC	150	Waste	Local	15. Upper Harbour South	Existing
26/09/2019	51447103	Gravity	PVC	150	Waste	Local	15. Upper Harbour South	Existing
26/09/2019	51447104	Gravity	PVC	150	Waste	Local	15. Upper Harbour South	Existing
26/09/2019	51447102	Gravity	PVC	150	Waste	Local	15. Upper Harbour South	Existing
26/09/2019	51447103	Gravity	PVC	150	Waste	Local	15. Upper Harbour South	Existing
26/09/2019	51447104	Gravity	PVC	150	Waste	Local	15. Upper Harbour South	Existing
26/09/2019	51447097	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour South	Existing
26/09/2019	51447105	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour South	Existing
26/09/2019	51447106	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour South	Existing
26/09/2019	51447097	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour South	Existing
26/09/2019	51447105	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour South	Existing
26/09/2019	51447106	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour South	Existing
30/09/2019	51488165	Gravity	PVC	150	Waste	Local	15. Upper Harbour South	Existing
30/09/2019	51488165	Gravity	PVC	150	Waste	Local	15. Upper Harbour South	Existing
30/09/2019	51488166	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour South	Existing
30/09/2019	51488167	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour South	Existing
30/09/2019	51488166	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour South	Existing
30/09/2019	51488167	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour South	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
2/10/2019	51360215	Gravity	PVC	150	Waste	Local	15. Upper Harbour South	Existing
2/10/2019	51360216	Gravity	PVC	150	Waste	Local	15. Upper Harbour South	Existing
2/10/2019	51360217	Gravity	PVC	150	Waste	Local	15. Upper Harbour South	Existing
2/10/2019	51360219	Gravity	PVC	150	Waste	Local	15. Upper Harbour South	Existing
2/10/2019	51360215	Gravity	PVC	150	Waste	Local	15. Upper Harbour South	Existing
2/10/2019	51360216	Gravity	PVC	150	Waste	Local	15. Upper Harbour South	Existing
2/10/2019	51360217	Gravity	PVC	150	Waste	Local	15. Upper Harbour South	Existing
2/10/2019	51360219	Gravity	PVC	150	Waste	Local	15. Upper Harbour South	Existing
2/10/2019	51360220	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour South	Existing
2/10/2019	51360221	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour South	Existing
2/10/2019	51360222	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour South	Existing
2/10/2019	51360223	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour South	Existing
2/10/2019	51360224	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour South	Existing
2/10/2019	51360225	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour South	Existing
2/10/2019	51360226	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour South	Existing
2/10/2019	51360227	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour South	Existing
2/10/2019	51360228	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour South	Existing
2/10/2019	51360220	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour South	Existing
2/10/2019	51360221	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour South	Existing
2/10/2019	51360222	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour South	Existing
2/10/2019	51360223	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour South	Existing
2/10/2019	51360224	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour South	Existing
2/10/2019	51360225	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour South	Existing
2/10/2019	51360226	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour South	Existing
2/10/2019	51360227	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour South	Existing
2/10/2019	51360228	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour South	Existing
18/10/2019	51501356	Gravity	PVC	150	Waste	Local	15. Upper Harbour South	Existing
18/10/2019	51501356	Gravity	PVC	150	Waste	Local	15. Upper Harbour South	Existing
18/10/2019	51501357	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour South	Existing
18/10/2019	51501358	Gravity Connection	PVC	150	Waste	Local	15. Upper Harbour South	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
18/10/2019	51501357	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour South	Existing
18/10/2019	51501358	Gravity Connection	PVC	150	Waste	Local	15. Upper Harbour South	Existing
29/10/2019	51483170	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
29/10/2019	51483171	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
29/10/2019	51483172	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
29/10/2019	51483173	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
29/10/2019	51483174	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
29/10/2019	51483175	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
29/10/2019	51483176	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
29/10/2019	51483177	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
29/10/2019	51483178	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
29/10/2019	51483179	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
29/10/2019	51483180	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
29/10/2019	51483182	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
29/10/2019	51483183	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
29/10/2019	51483185	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
29/10/2019	51483186	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
29/10/2019	51483188	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
29/10/2019	51483189	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
29/10/2019	51483190	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
29/10/2019	51483191	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
29/10/2019	51483192	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
29/10/2019	51483193	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
29/10/2019	51483194	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
29/10/2019	51483195	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
29/10/2019	51483196	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
29/10/2019	51483197	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
29/10/2019	51483198	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
29/10/2019	51483199	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
29/10/2019	51483200	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
29/10/2019	51483201	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
29/10/2019	51483202	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
29/10/2019	51483203	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
29/10/2019	51483204	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
29/10/2019	51483205	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
29/10/2019	51483206	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
29/10/2019	51483207	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
29/10/2019	51483208	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
29/10/2019	51483209	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
29/10/2019	51483210	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
29/10/2019	51483211	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
29/10/2019	51483212	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
18/11/2019	51509190	Gravity	PVC	150	Waste	Local	15. Upper Harbour West	Future
18/11/2019	51509193	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
18/11/2019	51509194	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
18/11/2019	51509195	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
18/11/2019	51509196	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
25/11/2019	51487833	Gravity	PVC	150	Waste	Local	15. Upper Harbour South	Existing
25/11/2019	51487835	Gravity	PVC	150	Waste	Local	15. Upper Harbour South	Existing
25/11/2019	51487838	Gravity	PVC	150	Waste	Local	15. Upper Harbour South	Existing
25/11/2019	51487839	Gravity	PVC	150	Waste	Local	15. Upper Harbour South	Existing
25/11/2019	51487849	Gravity	PVC	150	Waste	Local	15. Upper Harbour South	Existing
25/11/2019	51487833	Gravity	PVC	150	Waste	Local	15. Upper Harbour South	Existing
25/11/2019	51487835	Gravity	PVC	150	Waste	Local	15. Upper Harbour South	Existing
25/11/2019	51487838	Gravity	PVC	150	Waste	Local	15. Upper Harbour South	Existing
25/11/2019	51487839	Gravity	PVC	150	Waste	Local	15. Upper Harbour South	Existing
25/11/2019	51487849	Gravity	PVC	150	Waste	Local	15. Upper Harbour South	Existing
25/11/2019	51487836	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour South	Existing
25/11/2019	51487837	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour South	Existing
25/11/2019	51487836	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour South	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
25/11/2019	51487837	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour South	Existing
20/12/2019	51503241	Gravity	PVC	100	Waste	Local	15. Upper Harbour South	Existing
20/12/2019	51503241	Gravity	PVC	100	Waste	Local	15. Upper Harbour South	Existing
20/12/2019	51502992	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour South	Existing
20/12/2019	51502993	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour South	Existing
20/12/2019	51503242	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour South	Existing
20/12/2019	51503243	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour South	Existing
20/12/2019	51502992	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour South	Existing
20/12/2019	51502993	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour South	Existing
20/12/2019	51503242	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour South	Existing
20/12/2019	51503243	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour South	Existing
31/01/2020	51508449	Gravity	PE	180	Waste	Local	15. Upper Harbour South	Existing
31/01/2020	51508449	Gravity	PE	180	Waste	Local	15. Upper Harbour South	Existing
31/01/2020	51508446	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour South	Existing
31/01/2020	51508447	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour South	Existing
31/01/2020	51508448	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour South	Existing
31/01/2020	51508446	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour South	Existing
31/01/2020	51508447	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour South	Existing
31/01/2020	51508448	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour South	Existing
7/02/2020	51507176	Gravity	PVC	150	Waste	Local	15. Upper Harbour South	Existing
7/02/2020	51507176	Gravity	PVC	150	Waste	Local	15. Upper Harbour South	Existing
7/02/2020	51507175	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour South	Existing
7/02/2020	51507177	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour South	Existing
7/02/2020	51507175	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour South	Existing
7/02/2020	51507177	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour South	Existing
17/02/2020	51509635	Gravity	PVC	150	Waste	Local	15. Upper Harbour South	Existing
17/02/2020	51509649	Gravity	PVC	150	Waste	Local	15. Upper Harbour South	Existing
17/02/2020	51509684	Gravity	PVC	150	Waste	Local	15. Upper Harbour South	Existing
17/02/2020	51509635	Gravity	PVC	150	Waste	Local	15. Upper Harbour South	Existing
17/02/2020	51509649	Gravity	PVC	150	Waste	Local	15. Upper Harbour South	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
17/02/2020	51509684	Gravity	PVC	150	Waste	Local	15. Upper Harbour South	Existing
17/02/2020	51509748	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour South	Existing
17/02/2020	51509763	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour South	Existing
17/02/2020	51509764	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour South	Existing
17/02/2020	51509765	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour South	Existing
17/02/2020	51509767	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour South	Existing
17/02/2020	51509768	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour South	Existing
17/02/2020	51509769	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour South	Existing
17/02/2020	51509770	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour South	Existing
17/02/2020	51509771	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour South	Existing
17/02/2020	51509748	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour South	Existing
17/02/2020	51509763	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour South	Existing
17/02/2020	51509764	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour South	Existing
17/02/2020	51509765	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour South	Existing
17/02/2020	51509767	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour South	Existing
17/02/2020	51509768	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour South	Existing
17/02/2020	51509769	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour South	Existing
17/02/2020	51509770	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour South	Existing
17/02/2020	51509771	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour South	Existing
19/02/2020	51507184	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour South	Existing
19/02/2020	51507189	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour South	Existing
19/02/2020	51507184	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour South	Existing
19/02/2020	51507189	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour South	Existing
26/02/2020	51509974	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
26/02/2020	51509976	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
26/02/2020	51509977	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
26/02/2020	51509978	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
26/02/2020	51509979	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
26/02/2020	51509981	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
26/02/2020	51509982	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
26/02/2020	51509983	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
26/02/2020	51509984	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
26/02/2020	51509986	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
26/02/2020	51509987	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
26/02/2020	51509988	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
26/02/2020	51509989	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
26/02/2020	51509990	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
26/02/2020	51509991	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
26/02/2020	51509993	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
26/02/2020	51509994	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
26/02/2020	51509995	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
26/02/2020	51509997	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
28/02/2020	51516944	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
28/02/2020	51516945	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
28/02/2020	51516946	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
28/02/2020	51516947	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
28/02/2020	51516948	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
28/02/2020	51516949	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
28/02/2020	51516950	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
10/03/2020	51516625	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour South	Existing
10/03/2020	51516626	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour South	Existing
10/03/2020	51516627	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour South	Existing
10/03/2020	51516625	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour South	Existing
10/03/2020	51516626	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour South	Existing
10/03/2020	51516627	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour South	Existing
13/03/2020	51509034	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
13/03/2020	51509037	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
13/03/2020	51509039	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
13/03/2020	51509040	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
13/03/2020	51509041	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
13/03/2020	51509043	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
13/03/2020	51509044	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
13/03/2020	51509045	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
13/03/2020	51509046	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
13/03/2020	51509047	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
13/03/2020	51509048	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
13/03/2020	51509049	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
13/03/2020	51509051	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
13/03/2020	51509242	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
13/03/2020	51509243	Gravity Connection	PVC	100	Waste	Local	15. Upper Harbour West	Future
26/07/2019	51299019	Gravity	PVC	150	Waste	Local	16. Upper Harbour West	Existing
26/07/2019	51299025	Gravity	PVC	150	Waste	Local	16. Upper Harbour West	Existing
26/07/2019	51299019	Gravity	PVC	150	Waste	Local	16. Upper Harbour West	Existing
26/07/2019	51299025	Gravity	PVC	150	Waste	Local	16. Upper Harbour West	Existing
26/07/2019	51299026	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Existing
26/07/2019	51299027	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Existing
26/07/2019	51299028	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Existing
26/07/2019	51299030	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Existing
26/07/2019	51299031	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Existing
26/07/2019	51299032	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Existing
26/07/2019	51299033	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Existing
26/07/2019	51299035	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Existing
26/07/2019	51299036	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Existing
26/07/2019	51299037	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Existing
26/07/2019	51299026	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Existing
26/07/2019	51299027	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Existing
26/07/2019	51299028	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Existing
26/07/2019	51299030	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Existing
26/07/2019	51299031	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Existing
26/07/2019	51299032	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
26/07/2019	51299033	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Existing
26/07/2019	51299035	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Existing
26/07/2019	51299036	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Existing
26/07/2019	51299037	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Existing
31/07/2019	51308995	Gravity	PVC	150	Waste	Local	16. Upper Harbour West	Existing
31/07/2019	51308996	Gravity	PVC	150	Waste	Local	16. Upper Harbour West	Existing
31/07/2019	51308995	Gravity	PVC	150	Waste	Local	16. Upper Harbour West	Existing
31/07/2019	51308996	Gravity	PVC	150	Waste	Local	16. Upper Harbour West	Existing
31/07/2019	51292141	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
31/07/2019	51292118	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
31/07/2019	51292119	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
31/07/2019	51292120	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
31/07/2019	51292121	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
31/07/2019	51292122	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
31/07/2019	51292123	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
31/07/2019	51292124	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
31/07/2019	51292125	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
31/07/2019	51292126	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
31/07/2019	51292127	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
31/07/2019	51292128	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
31/07/2019	51292129	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
31/07/2019	51292130	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
31/07/2019	51292131	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
31/07/2019	51292132	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
31/07/2019	51292133	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
31/07/2019	51292134	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
31/07/2019	51292135	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
31/07/2019	51292136	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
31/07/2019	51292137	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
31/07/2019	51292138	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
31/07/2019	51292139	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
31/07/2019	51292140	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
31/07/2019	51292146	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
31/07/2019	51292147	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
31/07/2019	51292148	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
31/07/2019	51292149	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
31/07/2019	51292150	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
31/07/2019	51292151	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
31/07/2019	51292152	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
31/07/2019	51292153	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
31/07/2019	51292154	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
31/07/2019	51292155	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
31/07/2019	51292156	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
31/07/2019	51292157	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
31/07/2019	51292158	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
31/07/2019	51292159	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
31/07/2019	51292160	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
31/07/2019	51292161	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
31/07/2019	51292162	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
31/07/2019	51292163	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
31/07/2019	51292164	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
31/07/2019	51292165	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
31/07/2019	51292166	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
31/07/2019	51292174	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
31/07/2019	51292181	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
31/07/2019	51292182	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
31/07/2019	51292183	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
31/07/2019	51292184	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
31/07/2019	51292185	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
31/07/2019	51292186	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
31/07/2019	51292187	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
31/07/2019	51292190	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
31/07/2019	51292191	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
31/07/2019	51292192	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
31/07/2019	51292193	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
31/07/2019	51292194	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
31/07/2019	51292195	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
31/07/2019	51292196	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
31/07/2019	51292197	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
31/07/2019	51292198	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
31/07/2019	51292199	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
31/07/2019	51292200	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
31/07/2019	51292201	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
31/07/2019	51292202	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
31/07/2019	51292203	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
31/07/2019	51292204	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
31/07/2019	51292205	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
31/07/2019	51292206	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
31/07/2019	51292207	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
31/07/2019	51292208	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
31/07/2019	51292209	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
31/07/2019	51293821	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
31/07/2019	51293822	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
31/07/2019	51293823	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
31/07/2019	51293824	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
31/07/2019	51293825	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
31/07/2019	51293826	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
31/07/2019	51293827	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
31/07/2019	51293828	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
31/07/2019	51293829	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
31/07/2019	51293830	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
31/07/2019	51293831	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
31/07/2019	51293832	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
31/07/2019	51293833	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
31/07/2019	51293845	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
31/07/2019	51293846	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
31/07/2019	51293847	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
31/07/2019	51293848	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
31/07/2019	51293849	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
31/07/2019	51293850	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
31/07/2019	51293854	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
31/07/2019	51293855	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
31/07/2019	51293856	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
31/07/2019	51293857	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
31/07/2019	51293862	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
31/07/2019	51293863	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
31/07/2019	51293864	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
31/07/2019	51293865	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
31/07/2019	51293866	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
31/07/2019	51293867	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
1/08/2019	51305375	Gravity	PVC	150	Waste	Local	16. Upper Harbour West	Future
1/08/2019	51305385	Gravity	PVC	150	Waste	Local	16. Upper Harbour West	Future
1/08/2019	51305398	Gravity	PVC	150	Waste	Local	16. Upper Harbour West	Future
1/08/2019	51305404	Gravity	PVC	150	Waste	Local	16. Upper Harbour West	Future
1/08/2019	51305420	Gravity	PE	180	Waste	Local	16. Upper Harbour West	Future
1/08/2019	51305422	Gravity	PVC	150	Waste	Local	16. Upper Harbour West	Future
1/08/2019	51305424	Gravity	PVC	150	Waste	Local	16. Upper Harbour West	Future
1/08/2019	51305430	Gravity	PVC	150	Waste	Local	16. Upper Harbour West	Future
1/08/2019	51305436	Gravity	PVC	150	Waste	Local	16. Upper Harbour West	Future
1/08/2019	51305440	Gravity	PVC	150	Waste	Local	16. Upper Harbour West	Future

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
1/08/2019	51305444	Gravity	PVC	150	Waste	Local	16. Upper Harbour West	Future
1/08/2019	51305445	Gravity	PVC	150	Waste	Local	16. Upper Harbour West	Future
1/08/2019	51305454	Gravity	PVC	150	Waste	Local	16. Upper Harbour West	Future
1/08/2019	51305455	Gravity	PVC	150	Waste	Local	16. Upper Harbour West	Future
1/08/2019	51305462	Gravity	PVC	150	Waste	Local	16. Upper Harbour West	Future
1/08/2019	51305465	Gravity	PVC	150	Waste	Local	16. Upper Harbour West	Future
1/08/2019	51305469	Gravity	PVC	150	Waste	Local	16. Upper Harbour West	Future
1/08/2019	51305471	Gravity	PVC	150	Waste	Local	16. Upper Harbour West	Future
1/08/2019	51305487	Gravity	PVC	150	Waste	Local	16. Upper Harbour West	Future
1/08/2019	51305488	Gravity	PVC	150	Waste	Local	16. Upper Harbour West	Future
1/08/2019	51305515	Gravity	PVC	150	Waste	Local	16. Upper Harbour West	Future
1/08/2019	51305521	Gravity	PVC	150	Waste	Local	16. Upper Harbour West	Future
1/08/2019	51305523	Gravity	PVC	150	Waste	Local	16. Upper Harbour West	Future
1/08/2019	51305547	Gravity	PVC	150	Waste	Local	16. Upper Harbour West	Future
1/08/2019	51305555	Gravity	PVC	150	Waste	Local	16. Upper Harbour West	Future
1/08/2019	51305556	Gravity	PVC	150	Waste	Local	16. Upper Harbour West	Future
1/08/2019	51305560	Gravity	PVC	150	Waste	Local	16. Upper Harbour West	Future
1/08/2019	51305561	Gravity	PVC	150	Waste	Local	16. Upper Harbour West	Future
1/08/2019	51305574	Gravity	PVC	150	Waste	Local	16. Upper Harbour West	Future
1/08/2019	51305575	Gravity	PVC	150	Waste	Local	16. Upper Harbour West	Future
1/08/2019	51305579	Gravity	PVC	150	Waste	Local	16. Upper Harbour West	Future
1/08/2019	51305580	Gravity	PVC	150	Waste	Local	16. Upper Harbour West	Future
1/08/2019	51305581	Gravity	PVC	150	Waste	Local	16. Upper Harbour West	Future
1/08/2019	51305377	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
1/08/2019	51305378	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
1/08/2019	51305379	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
1/08/2019	51305386	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
1/08/2019	51305387	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
1/08/2019	51305388	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
1/08/2019	51305389	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
1/08/2019	51305390	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
1/08/2019	51305391	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
1/08/2019	51305405	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
1/08/2019	51305406	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
1/08/2019	51305407	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
1/08/2019	51305408	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
1/08/2019	51305409	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
1/08/2019	51305410	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
1/08/2019	51305411	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
1/08/2019	51305412	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
1/08/2019	51305413	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
1/08/2019	51305414	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
1/08/2019	51305415	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
1/08/2019	51305416	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
1/08/2019	51305417	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
1/08/2019	51305418	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
1/08/2019	51305425	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
1/08/2019	51305426	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
1/08/2019	51305427	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
1/08/2019	51305428	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
1/08/2019	51305431	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
1/08/2019	51305432	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
1/08/2019	51305433	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
1/08/2019	51305434	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
1/08/2019	51305446	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
1/08/2019	51305447	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
1/08/2019	51305448	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
1/08/2019	51305449	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
1/08/2019	51305450	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
1/08/2019	51305451	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
1/08/2019	51305456	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
1/08/2019	51305457	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
1/08/2019	51305458	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
1/08/2019	51305459	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
1/08/2019	51305460	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
1/08/2019	51305473	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
1/08/2019	51305474	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
1/08/2019	51305475	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
1/08/2019	51305476	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
1/08/2019	51305477	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
1/08/2019	51305479	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
1/08/2019	51305480	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
1/08/2019	51305481	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
1/08/2019	51305482	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
1/08/2019	51305483	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
1/08/2019	51305484	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
1/08/2019	51305489	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
1/08/2019	51305490	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
1/08/2019	51305492	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
1/08/2019	51305493	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
1/08/2019	51305524	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
1/08/2019	51305525	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
1/08/2019	51305526	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
1/08/2019	51305527	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
1/08/2019	51305528	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
1/08/2019	51305529	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
1/08/2019	51305530	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
1/08/2019	51305531	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
1/08/2019	51305532	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
1/08/2019	51305533	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
1/08/2019	51305534	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
1/08/2019	51305535	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
1/08/2019	51305536	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
1/08/2019	51305537	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
1/08/2019	51305538	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
1/08/2019	51305540	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
1/08/2019	51305541	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
1/08/2019	51305542	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
1/08/2019	51305543	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
1/08/2019	51305544	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
1/08/2019	51305545	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
1/08/2019	51305571	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
1/08/2019	51305548	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
1/08/2019	51305549	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
1/08/2019	51305550	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
1/08/2019	51305551	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
1/08/2019	51305557	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
1/08/2019	51305562	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
1/08/2019	51305563	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
1/08/2019	51305564	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
1/08/2019	51305565	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
1/08/2019	51305566	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
1/08/2019	51305567	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
1/08/2019	51305568	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
1/08/2019	51305569	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
1/08/2019	51305570	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
1/08/2019	51305582	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
1/08/2019	51305583	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
1/08/2019	51305584	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
1/08/2019	51305585	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
1/08/2019	51305587	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
1/08/2019	51305589	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
1/08/2019	51305591	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
1/08/2019	51305593	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
1/08/2019	51305594	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
1/08/2019	51305596	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
1/08/2019	51305597	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
1/08/2019	51305598	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
1/08/2019	51305599	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
1/08/2019	51305600	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
1/08/2019	51305602	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
1/08/2019	51305603	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
1/08/2019	51305605	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
1/08/2019	51305606	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
1/08/2019	51305607	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
1/08/2019	51305608	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
1/08/2019	51305610	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
6/08/2019	51453720	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
11/10/2019	51487382	Gravity	PVC	150	Waste	Local	16. Upper Harbour West	Existing
11/10/2019	51487801	Gravity	PVC	150	Waste	Local	16. Upper Harbour West	Existing
11/10/2019	51487802	Gravity	PVC	150	Waste	Local	16. Upper Harbour West	Existing
11/10/2019	51487809	Gravity	PVC	150	Waste	Local	16. Upper Harbour West	Existing
11/10/2019	51487808	Gravity	PVC	150	Waste	Local	16. Upper Harbour West	Existing
11/10/2019	51487810	Gravity	PVC	150	Waste	Local	16. Upper Harbour West	Existing
11/10/2019	51487812	Gravity	PVC	150	Waste	Local	16. Upper Harbour West	Existing
11/10/2019	51487382	Gravity	PVC	150	Waste	Local	16. Upper Harbour West	Existing
11/10/2019	51487801	Gravity	PVC	150	Waste	Local	16. Upper Harbour West	Existing
11/10/2019	51487802	Gravity	PVC	150	Waste	Local	16. Upper Harbour West	Existing
11/10/2019	51487809	Gravity	PVC	150	Waste	Local	16. Upper Harbour West	Existing
11/10/2019	51487808	Gravity	PVC	150	Waste	Local	16. Upper Harbour West	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
11/10/2019	51487810	Gravity	PVC	150	Waste	Local	16. Upper Harbour West	Existing
11/10/2019	51487812	Gravity	PVC	150	Waste	Local	16. Upper Harbour West	Existing
11/10/2019	51487803	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Existing
11/10/2019	51487804	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Existing
11/10/2019	51487805	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Existing
11/10/2019	51487803	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Existing
11/10/2019	51487804	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Existing
11/10/2019	51487805	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Existing
18/10/2019	51481971	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Existing
18/10/2019	51481971	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Existing
23/10/2019	51497056	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Existing
23/10/2019	51497057	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Existing
23/10/2019	51497058	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Existing
23/10/2019	51497059	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Existing
23/10/2019	51497056	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Existing
23/10/2019	51497057	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Existing
23/10/2019	51497058	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Existing
23/10/2019	51497059	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Existing
29/10/2019	51483170	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
29/10/2019	51483171	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
29/10/2019	51483172	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
29/10/2019	51483173	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
29/10/2019	51483174	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
29/10/2019	51483175	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
29/10/2019	51483176	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
29/10/2019	51483177	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
29/10/2019	51483178	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
29/10/2019	51483179	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
29/10/2019	51483180	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
29/10/2019	51483182	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
29/10/2019	51483183	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
29/10/2019	51483185	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
29/10/2019	51483186	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
29/10/2019	51483188	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
29/10/2019	51483189	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
29/10/2019	51483190	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
29/10/2019	51483191	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
29/10/2019	51483192	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
29/10/2019	51483193	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
29/10/2019	51483194	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
29/10/2019	51483195	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
29/10/2019	51483196	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
29/10/2019	51483197	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
29/10/2019	51483198	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
29/10/2019	51483199	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
29/10/2019	51483200	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
29/10/2019	51483201	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
29/10/2019	51483202	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
29/10/2019	51483203	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
29/10/2019	51483204	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
29/10/2019	51483205	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
29/10/2019	51483206	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
29/10/2019	51483207	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
29/10/2019	51483208	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
29/10/2019	51483209	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
29/10/2019	51483210	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
29/10/2019	51483211	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
29/10/2019	51483212	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
10/11/2019	51502040	Gravity	PVC	150	Waste	Local	16. Upper Harbour West	Existing
10/11/2019	51502040	Gravity	PVC	150	Waste	Local	16. Upper Harbour West	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
10/11/2019	51502041	Gravity Connection	PVC	150	Waste	Local	16. Upper Harbour West	Existing
10/11/2019	51502044	Gravity Connection	PVC	150	Waste	Local	16. Upper Harbour West	Existing
10/11/2019	51502041	Gravity Connection	PVC	150	Waste	Local	16. Upper Harbour West	Existing
10/11/2019	51502044	Gravity Connection	PVC	150	Waste	Local	16. Upper Harbour West	Existing
15/11/2019	51501412	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Existing
15/11/2019	51501413	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Existing
15/11/2019	51501414	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Existing
15/11/2019	51501412	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Existing
15/11/2019	51501413	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Existing
15/11/2019	51501414	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Existing
18/11/2019	51509190	Gravity	PVC	150	Waste	Local	16. Upper Harbour West	Future
18/11/2019	51509193	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
18/11/2019	51509194	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
18/11/2019	51509195	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
18/11/2019	51509196	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
18/12/2019	51503452	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Existing
18/12/2019	51503453	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Existing
18/12/2019	51503454	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Existing
18/12/2019	51503455	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Existing
18/12/2019	51503457	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Existing
18/12/2019	51503459	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Existing
18/12/2019	51503452	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Existing
18/12/2019	51503453	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Existing
18/12/2019	51503454	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Existing
18/12/2019	51503455	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Existing
18/12/2019	51503457	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Existing
18/12/2019	51503459	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Existing
30/01/2020	51505012	Gravity	PVC	150	Waste	Local	16. Upper Harbour West	Existing
30/01/2020	51505014	Gravity	PVC	150	Waste	Local	16. Upper Harbour West	Existing
30/01/2020	51505016	Gravity	PVC	150	Waste	Local	16. Upper Harbour West	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
30/01/2020	51505018	Gravity	PVC	150	Waste	Local	16. Upper Harbour West	Existing
30/01/2020	51505019	Gravity	PVC	150	Waste	Local	16. Upper Harbour West	Existing
30/01/2020	51505024	Gravity	PVC	150	Waste	Local	16. Upper Harbour West	Existing
30/01/2020	51505026	Gravity	PVC	150	Waste	Local	16. Upper Harbour West	Existing
30/01/2020	51505028	Gravity	PVC	150	Waste	Local	16. Upper Harbour West	Existing
30/01/2020	51505048	Gravity	PVC	150	Waste	Local	16. Upper Harbour West	Existing
30/01/2020	51505049	Gravity	PVC	150	Waste	Local	16. Upper Harbour West	Existing
30/01/2020	51505050	Gravity	PVC	150	Waste	Local	16. Upper Harbour West	Existing
30/01/2020	51505088	Gravity	PVC	150	Waste	Local	16. Upper Harbour West	Existing
30/01/2020	51505063	Gravity	PVC	150	Waste	Local	16. Upper Harbour West	Existing
30/01/2020	51505064	Gravity	PVC	150	Waste	Local	16. Upper Harbour West	Existing
30/01/2020	51505065	Gravity	PVC	150	Waste	Local	16. Upper Harbour West	Existing
30/01/2020	51505077	Gravity	PVC	150	Waste	Local	16. Upper Harbour West	Existing
30/01/2020	51505012	Gravity	PVC	150	Waste	Local	16. Upper Harbour West	Existing
30/01/2020	51505014	Gravity	PVC	150	Waste	Local	16. Upper Harbour West	Existing
30/01/2020	51505016	Gravity	PVC	150	Waste	Local	16. Upper Harbour West	Existing
30/01/2020	51505018	Gravity	PVC	150	Waste	Local	16. Upper Harbour West	Existing
30/01/2020	51505019	Gravity	PVC	150	Waste	Local	16. Upper Harbour West	Existing
30/01/2020	51505024	Gravity	PVC	150	Waste	Local	16. Upper Harbour West	Existing
30/01/2020	51505026	Gravity	PVC	150	Waste	Local	16. Upper Harbour West	Existing
30/01/2020	51505028	Gravity	PVC	150	Waste	Local	16. Upper Harbour West	Existing
30/01/2020	51505048	Gravity	PVC	150	Waste	Local	16. Upper Harbour West	Existing
30/01/2020	51505049	Gravity	PVC	150	Waste	Local	16. Upper Harbour West	Existing
30/01/2020	51505050	Gravity	PVC	150	Waste	Local	16. Upper Harbour West	Existing
30/01/2020	51505088	Gravity	PVC	150	Waste	Local	16. Upper Harbour West	Existing
30/01/2020	51505063	Gravity	PVC	150	Waste	Local	16. Upper Harbour West	Existing
30/01/2020	51505064	Gravity	PVC	150	Waste	Local	16. Upper Harbour West	Existing
30/01/2020	51505065	Gravity	PVC	150	Waste	Local	16. Upper Harbour West	Existing
30/01/2020	51505077	Gravity	PVC	150	Waste	Local	16. Upper Harbour West	Existing
30/01/2020	51505051	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
30/01/2020	51505052	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Existing
30/01/2020	51505053	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Existing
30/01/2020	51505054	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Existing
30/01/2020	51505055	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Existing
30/01/2020	51505056	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Existing
30/01/2020	51505057	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Existing
30/01/2020	51505066	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Existing
30/01/2020	51505068	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Existing
30/01/2020	51505069	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Existing
30/01/2020	51505070	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Existing
30/01/2020	51505071	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Existing
30/01/2020	51505072	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Existing
30/01/2020	51505073	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Existing
30/01/2020	51505074	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Existing
30/01/2020	51505075	Gravity Connection	PVC	150	Waste	Local	16. Upper Harbour West	Existing
30/01/2020	51505078	Gravity Connection	PVC	150	Waste	Local	16. Upper Harbour West	Existing
30/01/2020	51505080	Gravity Connection	PVC	150	Waste	Local	16. Upper Harbour West	Existing
30/01/2020	51505082	Gravity Connection	PVC	150	Waste	Local	16. Upper Harbour West	Existing
30/01/2020	51505083	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Existing
30/01/2020	51505084	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Existing
30/01/2020	51505085	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Existing
30/01/2020	51505086	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Existing
30/01/2020	51505087	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Existing
30/01/2020	51505051	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Existing
30/01/2020	51505052	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Existing
30/01/2020	51505053	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Existing
30/01/2020	51505054	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Existing
30/01/2020	51505055	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Existing
30/01/2020	51505056	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Existing
30/01/2020	51505057	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
30/01/2020	51505066	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Existing
30/01/2020	51505068	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Existing
30/01/2020	51505069	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Existing
30/01/2020	51505070	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Existing
30/01/2020	51505071	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Existing
30/01/2020	51505072	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Existing
30/01/2020	51505073	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Existing
30/01/2020	51505074	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Existing
30/01/2020	51505075	Gravity Connection	PVC	150	Waste	Local	16. Upper Harbour West	Existing
30/01/2020	51505078	Gravity Connection	PVC	150	Waste	Local	16. Upper Harbour West	Existing
30/01/2020	51505080	Gravity Connection	PVC	150	Waste	Local	16. Upper Harbour West	Existing
30/01/2020	51505082	Gravity Connection	PVC	150	Waste	Local	16. Upper Harbour West	Existing
30/01/2020	51505083	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Existing
30/01/2020	51505084	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Existing
30/01/2020	51505085	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Existing
30/01/2020	51505086	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Existing
30/01/2020	51505087	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Existing
26/02/2020	51509974	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
26/02/2020	51509976	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
26/02/2020	51509977	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
26/02/2020	51509978	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
26/02/2020	51509979	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
26/02/2020	51509981	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
26/02/2020	51509982	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
26/02/2020	51509983	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
26/02/2020	51509984	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
26/02/2020	51509986	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
26/02/2020	51509987	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
26/02/2020	51509988	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
26/02/2020	51509989	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
26/02/2020	51509990	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
26/02/2020	51509991	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
26/02/2020	51509993	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
26/02/2020	51509994	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
26/02/2020	51509995	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
26/02/2020	51509997	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
28/02/2020	51516944	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
28/02/2020	51516945	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
28/02/2020	51516946	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
28/02/2020	51516947	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
28/02/2020	51516948	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
28/02/2020	51516949	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
28/02/2020	51516950	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
13/03/2020	51509034	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
13/03/2020	51509037	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
13/03/2020	51509039	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
13/03/2020	51509040	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
13/03/2020	51509041	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
13/03/2020	51509043	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
13/03/2020	51509044	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
13/03/2020	51509045	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
13/03/2020	51509046	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
13/03/2020	51509047	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
13/03/2020	51509048	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
13/03/2020	51509049	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
13/03/2020	51509051	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
13/03/2020	51509242	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
13/03/2020	51509243	Gravity Connection	PVC	100	Waste	Local	16. Upper Harbour West	Future
1/07/2019	51309152	Gravity	PVC	150	Waste	Local	17. Henderson Creek	Existing
1/07/2019	51309153	Gravity	PVC	150	Waste	Local	17. Henderson Creek	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
1/07/2019	51309152	Gravity	PVC	150	Waste	Local	17. Henderson Creek	Existing
1/07/2019	51309153	Gravity	PVC	150	Waste	Local	17. Henderson Creek	Existing
1/07/2019	51309154	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
1/07/2019	51309155	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
1/07/2019	51309156	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
1/07/2019	51309157	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
1/07/2019	51309154	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
1/07/2019	51309155	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
1/07/2019	51309156	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
1/07/2019	51309157	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
2/07/2019	51293907	Gravity	PE	180	Waste	Local	17. Henderson Creek	Existing
2/07/2019	51293909	Gravity	PE	180	Waste	Local	17. Henderson Creek	Existing
2/07/2019	51293910	Gravity	PVC	150	Waste	Local	17. Henderson Creek	Existing
2/07/2019	51293911	Gravity	PVC	150	Waste	Local	17. Henderson Creek	Existing
2/07/2019	51293912	Gravity	PVC	150	Waste	Local	17. Henderson Creek	Existing
2/07/2019	51293984	Gravity	PVC	150	Waste	Local	17. Henderson Creek	Existing
2/07/2019	51293907	Gravity	PE	180	Waste	Local	17. Henderson Creek	Existing
2/07/2019	51293909	Gravity	PE	180	Waste	Local	17. Henderson Creek	Existing
2/07/2019	51293910	Gravity	PVC	150	Waste	Local	17. Henderson Creek	Existing
2/07/2019	51293911	Gravity	PVC	150	Waste	Local	17. Henderson Creek	Existing
2/07/2019	51293912	Gravity	PVC	150	Waste	Local	17. Henderson Creek	Existing
2/07/2019	51293984	Gravity	PVC	150	Waste	Local	17. Henderson Creek	Existing
2/07/2019	51293915	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
2/07/2019	51293924	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
2/07/2019	51293925	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
2/07/2019	51293926	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
2/07/2019	51293928	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
2/07/2019	51293929	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
2/07/2019	51293974	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
2/07/2019	51293975	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
2/07/2019	51293976	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
2/07/2019	51293977	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
2/07/2019	51293978	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
2/07/2019	51293979	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
2/07/2019	51293980	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
2/07/2019	51293981	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
2/07/2019	51293982	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
2/07/2019	51293985	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
2/07/2019	51293986	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
2/07/2019	51293915	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
2/07/2019	51293924	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
2/07/2019	51293925	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
2/07/2019	51293926	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
2/07/2019	51293928	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
2/07/2019	51293929	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
2/07/2019	51293974	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
2/07/2019	51293975	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
2/07/2019	51293976	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
2/07/2019	51293977	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
2/07/2019	51293978	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
2/07/2019	51293979	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
2/07/2019	51293980	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
2/07/2019	51293981	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
2/07/2019	51293982	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
2/07/2019	51293985	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
2/07/2019	51293986	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
3/07/2019	51312467	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
3/07/2019	51312468	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
3/07/2019	51312467	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
3/07/2019	51312468	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
15/07/2019	51476721	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
15/07/2019	51476722	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
15/07/2019	51476723	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
15/07/2019	51476724	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
15/07/2019	51476725	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
15/07/2019	51476726	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
15/07/2019	51476721	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
15/07/2019	51476722	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
15/07/2019	51476723	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
15/07/2019	51476724	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
15/07/2019	51476725	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
15/07/2019	51476726	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
17/07/2019	51309455	Gravity	PVC	150	Waste	Local	17. Henderson Creek	Existing
17/07/2019	51309456	Gravity	PVC	150	Waste	Local	17. Henderson Creek	Existing
17/07/2019	51309455	Gravity	PVC	150	Waste	Local	17. Henderson Creek	Existing
17/07/2019	51309456	Gravity	PVC	150	Waste	Local	17. Henderson Creek	Existing
17/07/2019	51309450	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
17/07/2019	51309452	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
17/07/2019	51309453	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
17/07/2019	51309450	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
17/07/2019	51309452	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
17/07/2019	51309453	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
18/07/2019	51479668	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
18/07/2019	51479667	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
18/07/2019	51479668	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
18/07/2019	51479667	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
24/07/2019	51446977	Gravity	PVC	150	Waste	Local	17. Henderson Creek	Existing
24/07/2019	51446977	Gravity	PVC	150	Waste	Local	17. Henderson Creek	Existing
24/07/2019	51446978	Gravity Connection	PVC	150	Waste	Local	17. Henderson Creek	Existing
24/07/2019	51446979	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
24/07/2019	51446980	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
24/07/2019	51446978	Gravity Connection	PVC	150	Waste	Local	17. Henderson Creek	Existing
24/07/2019	51446979	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
24/07/2019	51446980	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
31/07/2019	51360249	Gravity	PVC	150	Waste	Local	17. Henderson Creek	Existing
31/07/2019	51360250	Gravity	PVC	150	Waste	Local	17. Henderson Creek	Existing
31/07/2019	51360251	Gravity	PVC	150	Waste	Local	17. Henderson Creek	Existing
31/07/2019	51360252	Gravity	PVC	150	Waste	Local	17. Henderson Creek	Existing
31/07/2019	51360253	Gravity	PVC	150	Waste	Local	17. Henderson Creek	Existing
31/07/2019	51360249	Gravity	PVC	150	Waste	Local	17. Henderson Creek	Existing
31/07/2019	51360250	Gravity	PVC	150	Waste	Local	17. Henderson Creek	Existing
31/07/2019	51360251	Gravity	PVC	150	Waste	Local	17. Henderson Creek	Existing
31/07/2019	51360252	Gravity	PVC	150	Waste	Local	17. Henderson Creek	Existing
31/07/2019	51360253	Gravity	PVC	150	Waste	Local	17. Henderson Creek	Existing
31/07/2019	51360257	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
31/07/2019	51360259	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
31/07/2019	51360261	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
31/07/2019	51360262	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
31/07/2019	51360263	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
31/07/2019	51360265	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
31/07/2019	51360266	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
31/07/2019	51360267	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
31/07/2019	51360269	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
31/07/2019	51360270	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
31/07/2019	51360271	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
31/07/2019	51360272	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
31/07/2019	51360273	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
31/07/2019	51360274	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
31/07/2019	51360275	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
31/07/2019	51360276	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
31/07/2019	51360277	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
31/07/2019	51360278	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
31/07/2019	51360279	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
31/07/2019	51360280	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
31/07/2019	51360281	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
31/07/2019	51360282	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
31/07/2019	51360283	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
31/07/2019	51360284	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
31/07/2019	51360289	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
31/07/2019	51360291	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
31/07/2019	51360293	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
31/07/2019	51360294	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
31/07/2019	51360295	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
31/07/2019	51360296	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
31/07/2019	51360297	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
31/07/2019	51360298	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
31/07/2019	51360299	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
31/07/2019	51360300	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
31/07/2019	51360301	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
31/07/2019	51360302	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
31/07/2019	51360303	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
31/07/2019	51509999	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
31/07/2019	51510000	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
31/07/2019	51510001	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
31/07/2019	51510003	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
31/07/2019	51360257	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
31/07/2019	51360259	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
31/07/2019	51360261	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
31/07/2019	51360262	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
31/07/2019	51360263	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
31/07/2019	51360265	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
31/07/2019	51360266	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
31/07/2019	51360267	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
31/07/2019	51360269	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
31/07/2019	51360270	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
31/07/2019	51360271	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
31/07/2019	51360272	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
31/07/2019	51360273	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
31/07/2019	51360274	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
31/07/2019	51360275	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
31/07/2019	51360276	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
31/07/2019	51360277	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
31/07/2019	51360278	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
31/07/2019	51360279	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
31/07/2019	51360280	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
31/07/2019	51360281	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
31/07/2019	51360282	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
31/07/2019	51360283	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
31/07/2019	51360284	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
31/07/2019	51360289	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
31/07/2019	51360291	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
31/07/2019	51360293	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
31/07/2019	51360294	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
31/07/2019	51360295	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
31/07/2019	51360296	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
31/07/2019	51360297	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
31/07/2019	51360298	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
31/07/2019	51360299	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
31/07/2019	51360300	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
31/07/2019	51360301	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
31/07/2019	51360302	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
31/07/2019	51360303	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
31/07/2019	51509999	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
31/07/2019	51510000	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
31/07/2019	51510001	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
31/07/2019	51510003	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
1/08/2019	51305650	Gravity	PVC	150	Waste	Local	17. Henderson Creek	Existing
1/08/2019	51305651	Gravity	PVC	150	Waste	Local	17. Henderson Creek	Existing
1/08/2019	51305652	Gravity	PVC	150	Waste	Local	17. Henderson Creek	Existing
1/08/2019	51453740	Gravity	PVC	150	Waste	Local	17. Henderson Creek	Existing
1/08/2019	51305650	Gravity	PVC	150	Waste	Local	17. Henderson Creek	Existing
1/08/2019	51305651	Gravity	PVC	150	Waste	Local	17. Henderson Creek	Existing
1/08/2019	51305652	Gravity	PVC	150	Waste	Local	17. Henderson Creek	Existing
1/08/2019	51453740	Gravity	PVC	150	Waste	Local	17. Henderson Creek	Existing
1/08/2019	51305654	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
1/08/2019	51305658	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
1/08/2019	51305659	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
1/08/2019	51305660	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
1/08/2019	51305661	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
1/08/2019	51305663	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
1/08/2019	51305664	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
1/08/2019	51453739	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
1/08/2019	51453741	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
1/08/2019	51305654	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
1/08/2019	51305658	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
1/08/2019	51305659	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
1/08/2019	51305660	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
1/08/2019	51305661	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
1/08/2019	51305663	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
1/08/2019	51305664	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
1/08/2019	51453739	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
1/08/2019	51453741	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
5/08/2019	51446972	Gravity	PVC	150	Waste	Local	17. Henderson Creek	Existing
5/08/2019	51446972	Gravity	PVC	150	Waste	Local	17. Henderson Creek	Existing
5/08/2019	51446971	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
5/08/2019	51446971	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
6/08/2019	51456300	Gravity	PE	160	Waste	Local	17. Henderson Creek	Existing
6/08/2019	51456301	Gravity	PVC	150	Waste	Local	17. Henderson Creek	Existing
6/08/2019	51456302	Gravity	PVC	150	Waste	Local	17. Henderson Creek	Existing
6/08/2019	51456300	Gravity	PE	160	Waste	Local	17. Henderson Creek	Existing
6/08/2019	51456301	Gravity	PVC	150	Waste	Local	17. Henderson Creek	Existing
6/08/2019	51456302	Gravity	PVC	150	Waste	Local	17. Henderson Creek	Existing
6/08/2019	51456304	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
6/08/2019	51456305	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
6/08/2019	51456306	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
6/08/2019	51456307	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
6/08/2019	51456308	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
6/08/2019	51456309	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
6/08/2019	51456310	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
6/08/2019	51456311	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
6/08/2019	51456312	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
6/08/2019	51456304	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
6/08/2019	51456305	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
6/08/2019	51456306	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
6/08/2019	51456307	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
6/08/2019	51456308	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
6/08/2019	51456309	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
6/08/2019	51456310	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
6/08/2019	51456311	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
6/08/2019	51456312	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
7/08/2019	51496971	Gravity	PVC	150	Waste	Local	17. Henderson Creek	Existing
7/08/2019	51496972	Gravity	PVC	150	Waste	Local	17. Henderson Creek	Existing
7/08/2019	51496971	Gravity	PVC	150	Waste	Local	17. Henderson Creek	Existing
7/08/2019	51496972	Gravity	PVC	150	Waste	Local	17. Henderson Creek	Existing
7/08/2019	51496973	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
7/08/2019	51496974	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
7/08/2019	51496975	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
7/08/2019	51496976	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
7/08/2019	51496973	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
7/08/2019	51496974	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
7/08/2019	51496975	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
7/08/2019	51496976	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
8/08/2019	51456236	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
8/08/2019	51456237	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
8/08/2019	51456238	Gravity Connection	PVC	150	Waste	Local	17. Henderson Creek	Existing
8/08/2019	51456239	Gravity Connection	PVC	150	Waste	Local	17. Henderson Creek	Existing
8/08/2019	51456240	Gravity Connection	PVC	150	Waste	Local	17. Henderson Creek	Existing
8/08/2019	51456236	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
8/08/2019	51456237	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
8/08/2019	51456238	Gravity Connection	PVC	150	Waste	Local	17. Henderson Creek	Existing
8/08/2019	51456239	Gravity Connection	PVC	150	Waste	Local	17. Henderson Creek	Existing
8/08/2019	51456240	Gravity Connection	PVC	150	Waste	Local	17. Henderson Creek	Existing
14/08/2019	51467049	Gravity	PVC	150	Waste	Local	17. Henderson Creek	Existing
14/08/2019	51467049	Gravity	PVC	150	Waste	Local	17. Henderson Creek	Existing
14/08/2019	51467048	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
14/08/2019	51476729	Gravity Connection	CLS	150	Waste	Local	17. Henderson Creek	Existing
14/08/2019	51476732	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
14/08/2019	51476733	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
14/08/2019	51467048	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
14/08/2019	51476729	Gravity Connection	CLS	150	Waste	Local	17. Henderson Creek	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
14/08/2019	51476732	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
14/08/2019	51476733	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
15/08/2019	51454626	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
15/08/2019	51454628	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
15/08/2019	51454680	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
15/08/2019	51454681	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
15/08/2019	51454626	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
15/08/2019	51454628	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
15/08/2019	51454680	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
15/08/2019	51454681	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
16/08/2019	51495840	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
16/08/2019	51495841	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
16/08/2019	51495842	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
16/08/2019	51495840	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
16/08/2019	51495841	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
16/08/2019	51495842	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
23/08/2019	51454644	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
23/08/2019	51454644	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
29/08/2019	51447092	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
29/08/2019	51447093	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
29/08/2019	51447094	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
29/08/2019	51447092	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
29/08/2019	51447093	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
29/08/2019	51447094	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
3/09/2019	51358899	Gravity	PVC	150	Waste	Local	17. Henderson Creek	Existing
3/09/2019	51358900	Gravity	PVC	150	Waste	Local	17. Henderson Creek	Existing
3/09/2019	51358899	Gravity	PVC	150	Waste	Local	17. Henderson Creek	Existing
3/09/2019	51358900	Gravity	PVC	150	Waste	Local	17. Henderson Creek	Existing
3/09/2019	51358894	Gravity Connection	PVC	150	Waste	Local	17. Henderson Creek	Existing
3/09/2019	51358895	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
3/09/2019	51358896	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
3/09/2019	51358897	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
3/09/2019	51358894	Gravity Connection	PVC	150	Waste	Local	17. Henderson Creek	Existing
3/09/2019	51358895	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
3/09/2019	51358896	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
3/09/2019	51358897	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
5/09/2019	51509202	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
5/09/2019	51509206	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
5/09/2019	51509202	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
5/09/2019	51509206	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
10/09/2019	51492674	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
10/09/2019	51492675	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
10/09/2019	51492674	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
10/09/2019	51492675	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
11/09/2019	51502366	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
11/09/2019	51502367	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
11/09/2019	51502366	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
11/09/2019	51502367	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
16/09/2019	51469822	Gravity	PVC	150	Waste	Local	17. Henderson Creek	Existing
16/09/2019	51469822	Gravity	PVC	150	Waste	Local	17. Henderson Creek	Existing
16/09/2019	51469825	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
16/09/2019	51469828	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
16/09/2019	51469829	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
16/09/2019	51469831	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
16/09/2019	51469833	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
16/09/2019	51469834	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
16/09/2019	51469837	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
16/09/2019	51469838	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
16/09/2019	51469840	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
16/09/2019	51502269	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
16/09/2019	51502270	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
16/09/2019	51469825	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
16/09/2019	51469828	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
16/09/2019	51469829	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
16/09/2019	51469831	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
16/09/2019	51469833	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
16/09/2019	51469834	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
16/09/2019	51469837	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
16/09/2019	51469838	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
16/09/2019	51469840	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
16/09/2019	51502269	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
16/09/2019	51502270	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
25/09/2019	51485309	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
25/09/2019	51485310	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
25/09/2019	51485311	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
25/09/2019	51485309	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
25/09/2019	51485310	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
25/09/2019	51485311	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
26/09/2019	51488025	Gravity	PVC	150	Waste	Local	17. Henderson Creek	Existing
26/09/2019	51488025	Gravity	PVC	150	Waste	Local	17. Henderson Creek	Existing
26/09/2019	51488024	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
26/09/2019	51488026	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
26/09/2019	51488027	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
26/09/2019	51488028	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
26/09/2019	51488029	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
26/09/2019	51488024	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
26/09/2019	51488026	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
26/09/2019	51488027	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
26/09/2019	51488028	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
26/09/2019	51488029	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
30/09/2019	51495750	Gravity	PVC	150	Waste	Local	17. Henderson Creek	Existing
30/09/2019	51495750	Gravity	PVC	150	Waste	Local	17. Henderson Creek	Existing
30/09/2019	51495752	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
30/09/2019	51495754	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
30/09/2019	51495763	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
30/09/2019	51495752	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
30/09/2019	51495754	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
30/09/2019	51495763	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
1/10/2019	51492869	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
1/10/2019	51492870	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
1/10/2019	51492869	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
1/10/2019	51492870	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
7/10/2019	51501693	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
7/10/2019	51501694	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
7/10/2019	51501695	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
7/10/2019	51507116	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
7/10/2019	51501693	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
7/10/2019	51501694	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
7/10/2019	51501695	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
7/10/2019	51507116	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
10/10/2019	51479706	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
10/10/2019	51479706	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
11/10/2019	51501461	Gravity	PVC	150	Waste	Local	17. Henderson Creek	Existing
11/10/2019	51501461	Gravity	PVC	150	Waste	Local	17. Henderson Creek	Existing
11/10/2019	51501460	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
11/10/2019	51501462	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
11/10/2019	51501464	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
11/10/2019	51501460	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
11/10/2019	51501462	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
11/10/2019	51501464	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
15/10/2019	51505031	Gravity	PVC	150	Waste	Local	17. Henderson Creek	Existing
15/10/2019	51505038	Gravity	PVC	150	Waste	Local	17. Henderson Creek	Existing
15/10/2019	51505031	Gravity	PVC	150	Waste	Local	17. Henderson Creek	Existing
15/10/2019	51505038	Gravity	PVC	150	Waste	Local	17. Henderson Creek	Existing
15/10/2019	51505032	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
15/10/2019	51505033	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
15/10/2019	51505039	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
15/10/2019	51505032	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
15/10/2019	51505033	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
15/10/2019	51505039	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
17/10/2019	51499847	Gravity	PVC	150	Waste	Local	17. Henderson Creek	Existing
17/10/2019	51499848	Gravity	PVC	150	Waste	Local	17. Henderson Creek	Existing
17/10/2019	51499849	Gravity	PVC	150	Waste	Local	17. Henderson Creek	Existing
17/10/2019	51499850	Gravity	PVC	150	Waste	Local	17. Henderson Creek	Existing
17/10/2019	51499847	Gravity	PVC	150	Waste	Local	17. Henderson Creek	Existing
17/10/2019	51499848	Gravity	PVC	150	Waste	Local	17. Henderson Creek	Existing
17/10/2019	51499849	Gravity	PVC	150	Waste	Local	17. Henderson Creek	Existing
17/10/2019	51499850	Gravity	PVC	150	Waste	Local	17. Henderson Creek	Existing
17/10/2019	51499851	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
17/10/2019	51499855	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
17/10/2019	51499857	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
17/10/2019	51499859	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
17/10/2019	51499851	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
17/10/2019	51499855	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
17/10/2019	51499857	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
17/10/2019	51499859	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
22/10/2019	51501523	Gravity	PVC	150	Waste	Local	17. Henderson Creek	Existing
22/10/2019	51501523	Gravity	PVC	150	Waste	Local	17. Henderson Creek	Existing
22/10/2019	51501524	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
22/10/2019	51501524	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
26/10/2019	51483113	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
26/10/2019	51483113	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
31/10/2019	51492255	Gravity	PVC	150	Waste	Local	17. Henderson Creek	Existing
31/10/2019	51492255	Gravity	PVC	150	Waste	Local	17. Henderson Creek	Existing
31/10/2019	51492256	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
31/10/2019	51492257	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
31/10/2019	51492258	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
31/10/2019	51492256	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
31/10/2019	51492257	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
31/10/2019	51492258	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
4/11/2019	51517973	Gravity	PVC	100	Waste	Local	17. Henderson Creek	Existing
4/11/2019	51517973	Gravity	PVC	100	Waste	Local	17. Henderson Creek	Existing
4/11/2019	51517974	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
4/11/2019	51517974	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
20/11/2019	51501372	Gravity	PVC	150	Waste	Local	17. Henderson Creek	Existing
20/11/2019	51501372	Gravity	PVC	150	Waste	Local	17. Henderson Creek	Existing
20/11/2019	51501373	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
20/11/2019	51501373	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
25/11/2019	51508979	Gravity	PVC	300	Waste	Local	17. Henderson Creek	Existing
25/11/2019	51508984	Gravity	PVC	300	Waste	Local	17. Henderson Creek	Existing
25/11/2019	51508979	Gravity	PVC	300	Waste	Local	17. Henderson Creek	Existing
25/11/2019	51508984	Gravity	PVC	300	Waste	Local	17. Henderson Creek	Existing
6/12/2019	51502011	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
6/12/2019	51502011	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
10/12/2019	51501405	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
10/12/2019	51501407	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
10/12/2019	51501405	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
10/12/2019	51501407	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
13/12/2019	51510342	Gravity	PVC	150	Waste	Local	17. Henderson Creek	Existing
13/12/2019	51510343	Gravity	PVC	150	Waste	Local	17. Henderson Creek	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
13/12/2019	51510342	Gravity	PVC	150	Waste	Local	17. Henderson Creek	Existing
13/12/2019	51510343	Gravity	PVC	150	Waste	Local	17. Henderson Creek	Existing
13/12/2019	51510344	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
13/12/2019	51510350	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
13/12/2019	51510345	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
13/12/2019	51510346	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
13/12/2019	51510347	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
13/12/2019	51510348	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
13/12/2019	51510349	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
13/12/2019	51510370	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
13/12/2019	51510344	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
13/12/2019	51510350	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
13/12/2019	51510345	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
13/12/2019	51510346	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
13/12/2019	51510347	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
13/12/2019	51510348	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
13/12/2019	51510349	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
13/12/2019	51510370	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
15/12/2019	51508992	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
15/12/2019	51508993	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
15/12/2019	51508992	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
15/12/2019	51508993	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
19/12/2019	51502702	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
19/12/2019	51502702	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
31/12/2019	51510038	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
31/12/2019	51510039	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
31/12/2019	51510038	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
31/12/2019	51510039	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
8/01/2020	51512903	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
8/01/2020	51512905	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
8/01/2020	51512906	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
8/01/2020	51512903	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
8/01/2020	51512905	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
8/01/2020	51512906	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
10/01/2020	51517932	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
10/01/2020	51517933	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
10/01/2020	51517934	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
10/01/2020	51517939	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
10/01/2020	51517932	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
10/01/2020	51517933	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
10/01/2020	51517934	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
10/01/2020	51517939	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
20/01/2020	51513012	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
20/01/2020	51513013	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
20/01/2020	51513014	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
20/01/2020	51513012	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
20/01/2020	51513013	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
20/01/2020	51513014	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
22/01/2020	51516458	Gravity	PVC	150	Waste	Local	17. Henderson Creek	Existing
22/01/2020	51516458	Gravity	PVC	150	Waste	Local	17. Henderson Creek	Existing
22/01/2020	51510078	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
22/01/2020	51516459	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
22/01/2020	51516460	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
22/01/2020	51516461	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
22/01/2020	51516462	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
22/01/2020	51516463	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
22/01/2020	51510078	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
22/01/2020	51516459	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
22/01/2020	51516460	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
22/01/2020	51516461	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
22/01/2020	51516462	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
22/01/2020	51516463	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
31/01/2020	51518074	Gravity	PVC	150	Waste	Local	17. Henderson Creek	Existing
31/01/2020	51518074	Gravity	PVC	150	Waste	Local	17. Henderson Creek	Existing
31/01/2020	51518075	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
31/01/2020	51518076	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
31/01/2020	51518077	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
31/01/2020	51518075	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
31/01/2020	51518076	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
31/01/2020	51518077	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
7/02/2020	51507087	Gravity Connection	PVC	150	Waste	Local	17. Henderson Creek	Existing
7/02/2020	51507087	Gravity Connection	PVC	150	Waste	Local	17. Henderson Creek	Existing
7/02/2020	51507088	Pressure Conn	PE	50	Waste	Local	17. Henderson Creek	Existing
7/02/2020	51507088	Pressure Conn	PE	50	Waste	Local	17. Henderson Creek	Existing
10/02/2020	51508908	Gravity	PVC	100	Waste	Local	17. Henderson Creek	Existing
10/02/2020	51508908	Gravity	PVC	100	Waste	Local	17. Henderson Creek	Existing
10/02/2020	51508909	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
10/02/2020	51508910	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
10/02/2020	51508909	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
10/02/2020	51508910	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
17/02/2020	51517837	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
17/02/2020	51517837	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
20/02/2020	51518015	Gravity	PVC	150	Waste	Local	17. Henderson Creek	Existing
20/02/2020	51518015	Gravity	PVC	150	Waste	Local	17. Henderson Creek	Existing
20/02/2020	51517921	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
20/02/2020	51517923	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
20/02/2020	51518008	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
20/02/2020	51518009	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
20/02/2020	51518010	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
20/02/2020	51518011	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
20/02/2020	51518012	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
20/02/2020	51518013	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
20/02/2020	51518081	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
20/02/2020	51517921	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
20/02/2020	51517923	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
20/02/2020	51518008	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
20/02/2020	51518009	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
20/02/2020	51518010	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
20/02/2020	51518011	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
20/02/2020	51518012	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
20/02/2020	51518013	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
20/02/2020	51518081	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
21/02/2020	51510149	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
21/02/2020	51510150	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
21/02/2020	51510149	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
21/02/2020	51510150	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
25/02/2020	51510015	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
25/02/2020	51510016	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
25/02/2020	51510021	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
25/02/2020	51510664	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
25/02/2020	51510665	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
25/02/2020	51510666	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
25/02/2020	51510667	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
25/02/2020	51510668	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
25/02/2020	51510669	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
25/02/2020	51510682	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
25/02/2020	51510683	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
25/02/2020	51510684	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
25/02/2020	51510685	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
25/02/2020	51510686	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
25/02/2020	51510687	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
25/02/2020	51510688	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
25/02/2020	51510693	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
25/02/2020	51510694	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
25/02/2020	51510695	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
25/02/2020	51510696	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
25/02/2020	51510697	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
25/02/2020	51510702	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
25/02/2020	51510703	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
25/02/2020	51510704	Gravity Connection	PVC	150	Waste	Local	17. Henderson Creek	Existing
25/02/2020	51510434	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
25/02/2020	51510435	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
25/02/2020	51510436	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
25/02/2020	51510437	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
25/02/2020	51510438	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
25/02/2020	51510439	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
25/02/2020	51510444	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
25/02/2020	51510445	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
25/02/2020	51510446	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
25/02/2020	51510447	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
25/02/2020	51510015	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
25/02/2020	51510016	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
25/02/2020	51510021	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
25/02/2020	51510664	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
25/02/2020	51510665	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
25/02/2020	51510666	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
25/02/2020	51510667	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
25/02/2020	51510668	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
25/02/2020	51510669	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
25/02/2020	51510682	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
25/02/2020	51510683	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
25/02/2020	51510684	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
25/02/2020	51510685	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
25/02/2020	51510686	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
25/02/2020	51510687	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
25/02/2020	51510688	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
25/02/2020	51510693	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
25/02/2020	51510694	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
25/02/2020	51510695	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
25/02/2020	51510696	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
25/02/2020	51510697	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
25/02/2020	51510702	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
25/02/2020	51510703	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
25/02/2020	51510704	Gravity Connection	PVC	150	Waste	Local	17. Henderson Creek	Existing
25/02/2020	51510434	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
25/02/2020	51510435	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
25/02/2020	51510436	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
25/02/2020	51510437	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
25/02/2020	51510438	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
25/02/2020	51510439	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
25/02/2020	51510444	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
25/02/2020	51510445	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
25/02/2020	51510446	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
25/02/2020	51510447	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
2/03/2020	51510191	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
2/03/2020	51510191	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
3/03/2020	51510498	Gravity	PVC	150	Waste	Local	17. Henderson Creek	Existing
3/03/2020	51510508	Gravity	PVC	150	Waste	Local	17. Henderson Creek	Existing
3/03/2020	51510498	Gravity	PVC	150	Waste	Local	17. Henderson Creek	Existing
3/03/2020	51510508	Gravity	PVC	150	Waste	Local	17. Henderson Creek	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
3/03/2020	51510503	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
3/03/2020	51510505	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
3/03/2020	51510507	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
3/03/2020	51510503	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
3/03/2020	51510505	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
3/03/2020	51510507	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
16/03/2020	51517956	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
16/03/2020	51517957	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
16/03/2020	51517958	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
16/03/2020	51517959	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
16/03/2020	51517956	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
16/03/2020	51517957	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
16/03/2020	51517958	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
16/03/2020	51517959	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
17/03/2020	51518321	Gravity	PVC	150	Waste	Local	17. Henderson Creek	Existing
17/03/2020	51518322	Gravity	PVC	150	Waste	Local	17. Henderson Creek	Existing
17/03/2020	51518321	Gravity	PVC	150	Waste	Local	17. Henderson Creek	Existing
17/03/2020	51518322	Gravity	PVC	150	Waste	Local	17. Henderson Creek	Existing
17/03/2020	51518323	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
17/03/2020	51518324	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
17/03/2020	51518325	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
17/03/2020	51518326	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
17/03/2020	51518327	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
17/03/2020	51518328	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
17/03/2020	51518323	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
17/03/2020	51518324	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
17/03/2020	51518325	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
17/03/2020	51518326	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
17/03/2020	51518327	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
17/03/2020	51518328	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
20/03/2020	51510199	Gravity	PVC	150	Waste	Local	17. Henderson Creek	Existing
20/03/2020	51510200	Gravity	PVC	150	Waste	Local	17. Henderson Creek	Existing
20/03/2020	51510201	Gravity	PVC	150	Waste	Local	17. Henderson Creek	Existing
20/03/2020	51518019	Gravity	PVC	150	Waste	Local	17. Henderson Creek	Existing
20/03/2020	51510199	Gravity	PVC	150	Waste	Local	17. Henderson Creek	Existing
20/03/2020	51510200	Gravity	PVC	150	Waste	Local	17. Henderson Creek	Existing
20/03/2020	51510201	Gravity	PVC	150	Waste	Local	17. Henderson Creek	Existing
20/03/2020	51518019	Gravity	PVC	150	Waste	Local	17. Henderson Creek	Existing
20/03/2020	51510202	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
20/03/2020	51510203	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
20/03/2020	51510204	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
20/03/2020	51510205	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
20/03/2020	51510206	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
20/03/2020	51510207	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
20/03/2020	51518020	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
20/03/2020	51518021	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
20/03/2020	51518022	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
20/03/2020	51518023	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
20/03/2020	51518024	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
20/03/2020	51518025	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
20/03/2020	51518026	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
20/03/2020	51518031	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
20/03/2020	51518032	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
20/03/2020	51510202	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
20/03/2020	51510203	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
20/03/2020	51510204	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
20/03/2020	51510205	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
20/03/2020	51510206	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
20/03/2020	51510207	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
20/03/2020	51518020	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
20/03/2020	51518021	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
20/03/2020	51518022	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
20/03/2020	51518023	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
20/03/2020	51518024	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
20/03/2020	51518025	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
20/03/2020	51518026	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
20/03/2020	51518031	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
20/03/2020	51518032	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
26/03/2020	51518061	Gravity	PVC	150	Waste	Local	17. Henderson Creek	Existing
26/03/2020	51518041	Gravity	PVC	150	Waste	Local	17. Henderson Creek	Existing
26/03/2020	51518061	Gravity	PVC	150	Waste	Local	17. Henderson Creek	Existing
26/03/2020	51518041	Gravity	PVC	150	Waste	Local	17. Henderson Creek	Existing
26/03/2020	51518042	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
26/03/2020	51518043	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
26/03/2020	51518044	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
26/03/2020	51518045	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
26/03/2020	51518046	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
26/03/2020	51518042	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
26/03/2020	51518043	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
26/03/2020	51518044	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
26/03/2020	51518045	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
26/03/2020	51518046	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
30/03/2020	51518284	Gravity	PVC	150	Waste	Local	17. Henderson Creek	Existing
30/03/2020	51518285	Gravity	PVC	150	Waste	Local	17. Henderson Creek	Existing
30/03/2020	51518284	Gravity	PVC	150	Waste	Local	17. Henderson Creek	Existing
30/03/2020	51518285	Gravity	PVC	150	Waste	Local	17. Henderson Creek	Existing
30/03/2020	51518286	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
30/03/2020	51518287	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
30/03/2020	51518288	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
30/03/2020	51518289	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
30/03/2020	51518290	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
30/03/2020	51518291	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
30/03/2020	51518286	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
30/03/2020	51518287	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
30/03/2020	51518288	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
30/03/2020	51518289	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
30/03/2020	51518290	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
30/03/2020	51518291	Gravity Connection	PVC	100	Waste	Local	17. Henderson Creek	Existing
9/07/2019	51308956	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
9/07/2019	51309005	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
9/07/2019	51309006	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
9/07/2019	51309007	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
9/07/2019	51308956	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
9/07/2019	51309005	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
9/07/2019	51309006	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
9/07/2019	51309007	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
10/07/2019	51312359	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
10/07/2019	51312361	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
10/07/2019	51312359	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
10/07/2019	51312361	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
13/07/2019	51471426	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
13/07/2019	51471426	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
17/07/2019	51298892	Gravity	PVC	150	Waste	Local	18. Whau River	Existing
17/07/2019	51298895	Gravity	PVC	150	Waste	Local	18. Whau River	Existing
17/07/2019	51298896	Gravity	PVC	150	Waste	Local	18. Whau River	Existing
17/07/2019	51308108	Gravity	PVC	150	Waste	Local	18. Whau River	Existing
17/07/2019	51298892	Gravity	PVC	150	Waste	Local	18. Whau River	Existing
17/07/2019	51298895	Gravity	PVC	150	Waste	Local	18. Whau River	Existing
17/07/2019	51298896	Gravity	PVC	150	Waste	Local	18. Whau River	Existing
17/07/2019	51308108	Gravity	PVC	150	Waste	Local	18. Whau River	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
17/07/2019	51298903	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
17/07/2019	51298909	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
17/07/2019	51298912	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
17/07/2019	51298914	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
17/07/2019	51298916	Gravity Connection	PVC	150	Waste	Local	18. Whau River	Existing
17/07/2019	51308109	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
17/07/2019	51308111	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
17/07/2019	51298903	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
17/07/2019	51298909	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
17/07/2019	51298912	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
17/07/2019	51298914	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
17/07/2019	51298916	Gravity Connection	PVC	150	Waste	Local	18. Whau River	Existing
17/07/2019	51308109	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
17/07/2019	51308111	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
24/07/2019	51474487	Gravity	PVC	225	Waste	Local	18. Whau River	Existing
24/07/2019	51474488	Gravity	PVC	225	Waste	Local	18. Whau River	Existing
24/07/2019	51476808	Gravity	PVC	225	Waste	Local	18. Whau River	Existing
24/07/2019	51474490	Gravity	PVC	225	Waste	Local	18. Whau River	Existing
24/07/2019	51495643	Gravity	PVC	150	Waste	Local	18. Whau River	Existing
24/07/2019	51474487	Gravity	PVC	225	Waste	Local	18. Whau River	Existing
24/07/2019	51474488	Gravity	PVC	225	Waste	Local	18. Whau River	Existing
24/07/2019	51476808	Gravity	PVC	225	Waste	Local	18. Whau River	Existing
24/07/2019	51474490	Gravity	PVC	225	Waste	Local	18. Whau River	Existing
24/07/2019	51495643	Gravity	PVC	150	Waste	Local	18. Whau River	Existing
24/07/2019	51474524	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
24/07/2019	51474526	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
24/07/2019	51474529	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
24/07/2019	51474532	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
24/07/2019	51474535	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
24/07/2019	51474540	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
24/07/2019	51474541	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
24/07/2019	51495644	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
24/07/2019	51495645	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
24/07/2019	51474524	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
24/07/2019	51474526	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
24/07/2019	51474529	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
24/07/2019	51474532	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
24/07/2019	51474535	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
24/07/2019	51474540	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
24/07/2019	51474541	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
24/07/2019	51495644	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
24/07/2019	51495645	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
31/07/2019	51447004	Gravity	PVC	150	Waste	Local	18. Whau River	Existing
31/07/2019	51447004	Gravity	PVC	150	Waste	Local	18. Whau River	Existing
31/07/2019	51447005	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
31/07/2019	51447006	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
31/07/2019	51447007	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
31/07/2019	51447005	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
31/07/2019	51447006	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
31/07/2019	51447007	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
5/08/2019	51453710	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
5/08/2019	51453711	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
5/08/2019	51453710	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
5/08/2019	51453711	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
6/08/2019	51299205	Gravity	PVC	150	Waste	Local	18. Whau River	Existing
6/08/2019	51299206	Gravity	PE	180	Waste	Local	18. Whau River	Existing
6/08/2019	51299205	Gravity	PVC	150	Waste	Local	18. Whau River	Existing
6/08/2019	51299206	Gravity	PE	180	Waste	Local	18. Whau River	Existing
6/08/2019	51299229	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
6/08/2019	51299231	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
6/08/2019	51299232	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
6/08/2019	51299233	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
6/08/2019	51453726	Gravity Connection	PVC	150	Waste	Local	18. Whau River	Existing
6/08/2019	51299229	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
6/08/2019	51299231	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
6/08/2019	51299232	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
6/08/2019	51299233	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
6/08/2019	51453726	Gravity Connection	PVC	150	Waste	Local	18. Whau River	Existing
19/08/2019	51454662	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
19/08/2019	51454662	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
19/08/2019	51454656	Pressure Conn	PVC	100	Waste	Local	18. Whau River	Existing
19/08/2019	51454656	Pressure Conn	PVC	100	Waste	Local	18. Whau River	Existing
26/08/2019	51462116	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
26/08/2019	51462117	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
26/08/2019	51462118	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
26/08/2019	51462116	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
26/08/2019	51462117	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
26/08/2019	51462118	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
27/08/2019	51502497	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
27/08/2019	51502498	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
27/08/2019	51502499	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
27/08/2019	51502500	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
27/08/2019	51502497	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
27/08/2019	51502498	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
27/08/2019	51502499	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
27/08/2019	51502500	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
28/08/2019	51451759	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
28/08/2019	51451760	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
28/08/2019	51451761	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
28/08/2019	51466447	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
28/08/2019	51451759	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
28/08/2019	51451760	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
28/08/2019	51451761	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
28/08/2019	51466447	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
30/08/2019	51468404	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
30/08/2019	51468405	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
30/08/2019	51468406	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
30/08/2019	51468404	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
30/08/2019	51468405	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
30/08/2019	51468406	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
5/09/2019	51492666	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
5/09/2019	51492670	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
5/09/2019	51492671	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
5/09/2019	51492672	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
5/09/2019	51492666	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
5/09/2019	51492670	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
5/09/2019	51492671	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
5/09/2019	51492672	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
11/09/2019	51461825	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
11/09/2019	51461826	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
11/09/2019	51461825	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
11/09/2019	51461826	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
20/09/2019	51309328	Gravity	PVC	100	Waste	Local	18. Whau River	Existing
20/09/2019	51309328	Gravity	PVC	100	Waste	Local	18. Whau River	Existing
20/09/2019	51309332	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
20/09/2019	51309335	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
20/09/2019	51309332	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
20/09/2019	51309335	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
27/09/2019	51487062	Gravity	PVC	100	Waste	Local	18. Whau River	Existing
27/09/2019	51487062	Gravity	PVC	100	Waste	Local	18. Whau River	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
27/09/2019	51487063	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
27/09/2019	51487063	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
17/10/2019	51487850	Gravity	PE	180	Waste	Local	18. Whau River	Existing
17/10/2019	51487816	Gravity	PVC	150	Waste	Local	18. Whau River	Existing
17/10/2019	51487850	Gravity	PE	180	Waste	Local	18. Whau River	Existing
17/10/2019	51487816	Gravity	PVC	150	Waste	Local	18. Whau River	Existing
17/10/2019	51487817	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
17/10/2019	51487818	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
17/10/2019	51487819	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
17/10/2019	51487820	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
17/10/2019	51487817	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
17/10/2019	51487818	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
17/10/2019	51487819	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
17/10/2019	51487820	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
31/10/2019	51512964	Gravity	PVC	150	Waste	Local	18. Whau River	Existing
31/10/2019	51512965	Gravity	PVC	150	Waste	Local	18. Whau River	Existing
31/10/2019	51512964	Gravity	PVC	150	Waste	Local	18. Whau River	Existing
31/10/2019	51512965	Gravity	PVC	150	Waste	Local	18. Whau River	Existing
31/10/2019	51512966	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
31/10/2019	51512967	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
31/10/2019	51512966	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
31/10/2019	51512967	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
5/11/2019	51502032	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
5/11/2019	51502033	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
5/11/2019	51502032	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
5/11/2019	51502033	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
7/11/2019	51495854	Gravity	PVC	100	Waste	Local	18. Whau River	Existing
7/11/2019	51495854	Gravity	PVC	100	Waste	Local	18. Whau River	Existing
7/11/2019	51495855	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
7/11/2019	51495855	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
22/11/2019	51496695	Gravity	PE	180	Waste	Local	18. Whau River	Existing
22/11/2019	51496706	Gravity	PVC	150	Waste	Local	18. Whau River	Existing
22/11/2019	51496712	Gravity	PE	180	Waste	Local	18. Whau River	Existing
22/11/2019	51496716	Gravity	PE	180	Waste	Local	18. Whau River	Existing
22/11/2019	51496735	Gravity	PE	180	Waste	Local	18. Whau River	Existing
22/11/2019	51496695	Gravity	PE	180	Waste	Local	18. Whau River	Existing
22/11/2019	51496706	Gravity	PVC	150	Waste	Local	18. Whau River	Existing
22/11/2019	51496712	Gravity	PE	180	Waste	Local	18. Whau River	Existing
22/11/2019	51496716	Gravity	PE	180	Waste	Local	18. Whau River	Existing
22/11/2019	51496735	Gravity	PE	180	Waste	Local	18. Whau River	Existing
22/11/2019	51496707	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
22/11/2019	51496708	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
22/11/2019	51496709	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
22/11/2019	51496713	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
22/11/2019	51496707	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
22/11/2019	51496708	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
22/11/2019	51496709	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
22/11/2019	51496713	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
25/11/2019	51502805	Gravity	PVC	150	Waste	Local	18. Whau River	Existing
25/11/2019	51502707	Gravity	PVC	150	Waste	Local	18. Whau River	Existing
25/11/2019	51502805	Gravity	PVC	150	Waste	Local	18. Whau River	Existing
25/11/2019	51502707	Gravity	PVC	150	Waste	Local	18. Whau River	Existing
10/12/2019	51506973	Gravity	PVC	150	Waste	Local	18. Whau River	Existing
10/12/2019	51506975	Gravity	PVC	150	Waste	Local	18. Whau River	Existing
10/12/2019	51506973	Gravity	PVC	150	Waste	Local	18. Whau River	Existing
10/12/2019	51506975	Gravity	PVC	150	Waste	Local	18. Whau River	Existing
10/12/2019	51506905	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
10/12/2019	51506976	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
10/12/2019	51506977	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
10/12/2019	51506978	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
10/12/2019	51506905	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
10/12/2019	51506976	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
10/12/2019	51506977	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
10/12/2019	51506978	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
13/12/2019	51503264	Rising	PE	180	Waste	Local	18. Whau River	Existing
13/12/2019	51503264	Rising	PE	180	Waste	Local	18. Whau River	Existing
17/12/2019	51506906	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
17/12/2019	51506906	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
31/12/2019	51516571	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
31/12/2019	51516575	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
31/12/2019	51516576	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
31/12/2019	51516571	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
31/12/2019	51516575	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
31/12/2019	51516576	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
8/01/2020	51502681	Gravity	PVC	150	Waste	Local	18. Whau River	Existing
8/01/2020	51502688	Gravity	PVC	225	Waste	Local	18. Whau River	Existing
8/01/2020	51502681	Gravity	PVC	150	Waste	Local	18. Whau River	Existing
8/01/2020	51502688	Gravity	PVC	225	Waste	Local	18. Whau River	Existing
8/01/2020	51502247	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
8/01/2020	51502248	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
8/01/2020	51502249	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
8/01/2020	51502247	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
8/01/2020	51502248	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
8/01/2020	51502249	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
28/01/2020	51509410	Gravity	PVC	150	Waste	Local	18. Whau River	Existing
28/01/2020	51509412	Gravity	PVC	150	Waste	Local	18. Whau River	Existing
28/01/2020	51509410	Gravity	PVC	150	Waste	Local	18. Whau River	Existing
28/01/2020	51509412	Gravity	PVC	150	Waste	Local	18. Whau River	Existing
28/01/2020	51509413	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
28/01/2020	51509414	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
28/01/2020	51509415	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
28/01/2020	51509416	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
28/01/2020	51509417	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
28/01/2020	51509418	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
28/01/2020	51509419	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
28/01/2020	51518099	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
28/01/2020	51518103	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
28/01/2020	51518104	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
28/01/2020	51518105	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
28/01/2020	51518106	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
28/01/2020	51509413	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
28/01/2020	51509414	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
28/01/2020	51509415	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
28/01/2020	51509416	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
28/01/2020	51509417	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
28/01/2020	51509418	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
28/01/2020	51509419	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
28/01/2020	51518099	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
28/01/2020	51518103	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
28/01/2020	51518104	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
28/01/2020	51518105	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
28/01/2020	51518106	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
31/01/2020	51501850	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
31/01/2020	51501850	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
3/02/2020	51508695	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
3/02/2020	51508696	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
3/02/2020	51508705	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
3/02/2020	51508706	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
3/02/2020	51508695	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
3/02/2020	51508696	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
3/02/2020	51508705	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
3/02/2020	51508706	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
10/02/2020	51508919	Gravity	PVC	150	Waste	Local	18. Whau River	Existing
10/02/2020	51508926	Gravity	PVC	150	Waste	Local	18. Whau River	Existing
10/02/2020	51508919	Gravity	PVC	150	Waste	Local	18. Whau River	Existing
10/02/2020	51508926	Gravity	PVC	150	Waste	Local	18. Whau River	Existing
10/02/2020	51508923	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
10/02/2020	51508924	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
10/02/2020	51508923	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
10/02/2020	51508924	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
12/02/2020	51502988	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
12/02/2020	51502989	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
12/02/2020	51502988	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
12/02/2020	51502989	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
14/02/2020	51517851	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
14/02/2020	51517851	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
17/03/2020	51517984	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
17/03/2020	51517993	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
17/03/2020	51517984	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
17/03/2020	51517993	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
23/03/2020	51517979	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
23/03/2020	51517980	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
23/03/2020	51517979	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
23/03/2020	51517980	Gravity Connection	PVC	100	Waste	Local	18. Whau River	Existing
25/07/2019	51508975	Gravity Connection	PVC	150	Waste	Local	19. Laingholm	Existing
25/07/2019	51508976	Gravity Connection	PVC	150	Waste	Local	19. Laingholm	Existing
25/07/2019	51508975	Gravity Connection	PVC	150	Waste	Local	19. Laingholm	Existing
25/07/2019	51508976	Gravity Connection	PVC	150	Waste	Local	19. Laingholm	Existing
31/07/2019	51453698	Gravity Connection	PVC	100	Waste	Local	20. Cox's Bay	Existing
31/07/2019	51453699	Gravity Connection	PVC	100	Waste	Local	20. Cox's Bay	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
31/07/2019	51456289	Gravity Connection	PVC	100	Waste	Local	20. Cox's Bay	Existing
31/07/2019	51456290	Gravity Connection	PVC	100	Waste	Local	20. Cox's Bay	Existing
31/07/2019	51453698	Gravity Connection	PVC	100	Waste	Local	20. Cox's Bay	Existing
31/07/2019	51453699	Gravity Connection	PVC	100	Waste	Local	20. Cox's Bay	Existing
31/07/2019	51456289	Gravity Connection	PVC	100	Waste	Local	20. Cox's Bay	Existing
31/07/2019	51456290	Gravity Connection	PVC	100	Waste	Local	20. Cox's Bay	Existing
8/08/2019	51487181	Gravity	PVC	150	Waste	Local	20. Cox's Bay	Existing
8/08/2019	51487183	Gravity	PVC	150	Waste	Local	20. Cox's Bay	Existing
8/08/2019	51487181	Gravity	PVC	150	Waste	Local	20. Cox's Bay	Existing
8/08/2019	51487183	Gravity	PVC	150	Waste	Local	20. Cox's Bay	Existing
8/08/2019	51487184	Gravity Connection	PVC	100	Waste	Local	20. Cox's Bay	Existing
8/08/2019	51487185	Gravity Connection	PVC	100	Waste	Local	20. Cox's Bay	Existing
8/08/2019	51487186	Gravity Connection	PVC	100	Waste	Local	20. Cox's Bay	Existing
8/08/2019	51487184	Gravity Connection	PVC	100	Waste	Local	20. Cox's Bay	Existing
8/08/2019	51487185	Gravity Connection	PVC	100	Waste	Local	20. Cox's Bay	Existing
8/08/2019	51487186	Gravity Connection	PVC	100	Waste	Local	20. Cox's Bay	Existing
15/08/2019	51460351	Gravity	PVC	150	Waste	Local	20. Cox's Bay	Existing
15/08/2019	51460351	Gravity	PVC	150	Waste	Local	20. Cox's Bay	Existing
15/08/2019	51460353	Gravity Connection	PVC	100	Waste	Local	20. Cox's Bay	Existing
15/08/2019	51460355	Gravity Connection	PVC	100	Waste	Local	20. Cox's Bay	Existing
15/08/2019	51460356	Gravity Connection	PVC	100	Waste	Local	20. Cox's Bay	Existing
15/08/2019	51460353	Gravity Connection	PVC	100	Waste	Local	20. Cox's Bay	Existing
15/08/2019	51460355	Gravity Connection	PVC	100	Waste	Local	20. Cox's Bay	Existing
15/08/2019	51460356	Gravity Connection	PVC	100	Waste	Local	20. Cox's Bay	Existing
17/09/2019	51472551	Gravity Connection	PVC	100	Waste	Local	20. Cox's Bay	Existing
17/09/2019	51472552	Gravity Connection	PVC	100	Waste	Local	20. Cox's Bay	Existing
17/09/2019	51472553	Gravity Connection	PVC	100	Waste	Local	20. Cox's Bay	Existing
17/09/2019	51472554	Gravity Connection	PVC	100	Waste	Local	20. Cox's Bay	Existing
17/09/2019	51472551	Gravity Connection	PVC	100	Waste	Local	20. Cox's Bay	Existing
17/09/2019	51472552	Gravity Connection	PVC	100	Waste	Local	20. Cox's Bay	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
17/09/2019	51472553	Gravity Connection	PVC	100	Waste	Local	20. Cox's Bay	Existing
17/09/2019	51472554	Gravity Connection	PVC	100	Waste	Local	20. Cox's Bay	Existing
19/09/2019	51483096	Gravity Connection	PVC	125	Waste	Local	20. Cox's Bay	Existing
19/09/2019	51483096	Gravity Connection	PVC	125	Waste	Local	20. Cox's Bay	Existing
25/09/2019	51479629	Gravity Connection	PVC	100	Waste	Local	20. Cox's Bay	Existing
25/09/2019	51479629	Gravity Connection	PVC	100	Waste	Local	20. Cox's Bay	Existing
31/10/2019	51488043	Gravity	PE	160	Waste	Local	20. Cox's Bay	Existing
31/10/2019	51488043	Gravity	PE	160	Waste	Local	20. Cox's Bay	Existing
31/10/2019	51488055	Gravity Connection	PVC	100	Waste	Local	20. Cox's Bay	Existing
31/10/2019	51488056	Gravity Connection	PVC	100	Waste	Local	20. Cox's Bay	Existing
31/10/2019	51488058	Gravity Connection	PVC	100	Waste	Local	20. Cox's Bay	Existing
31/10/2019	51488142	Gravity Connection	PVC	100	Waste	Local	20. Cox's Bay	Existing
31/10/2019	51488055	Gravity Connection	PVC	100	Waste	Local	20. Cox's Bay	Existing
31/10/2019	51488056	Gravity Connection	PVC	100	Waste	Local	20. Cox's Bay	Existing
31/10/2019	51488058	Gravity Connection	PVC	100	Waste	Local	20. Cox's Bay	Existing
31/10/2019	51488142	Gravity Connection	PVC	100	Waste	Local	20. Cox's Bay	Existing
29/01/2020	51512856	Gravity	PVC	150	Waste	Local	20. Cox's Bay	Existing
29/01/2020	51512856	Gravity	PVC	150	Waste	Local	20. Cox's Bay	Existing
29/01/2020	51512857	Gravity Connection	PVC	100	Waste	Local	20. Cox's Bay	Existing
29/01/2020	51512858	Gravity Connection	PVC	100	Waste	Local	20. Cox's Bay	Existing
29/01/2020	51512859	Gravity Connection	PVC	100	Waste	Local	20. Cox's Bay	Existing
29/01/2020	51512857	Gravity Connection	PVC	100	Waste	Local	20. Cox's Bay	Existing
29/01/2020	51512858	Gravity Connection	PVC	100	Waste	Local	20. Cox's Bay	Existing
29/01/2020	51512859	Gravity Connection	PVC	100	Waste	Local	20. Cox's Bay	Existing
11/07/2019	51312880	Gravity	PE	280	Waste	Local	21. Central Auckland (CBD)	Existing
11/07/2019	51312881	Gravity	PVC	280	Waste	Local	21. Central Auckland (CBD)	Existing
11/07/2019	51312880	Gravity	PE	280	Waste	Local	21. Central Auckland (CBD)	Existing
11/07/2019	51312881	Gravity	PVC	280	Waste	Local	21. Central Auckland (CBD)	Existing
11/07/2019	51312882	Gravity Connection	PVC	150	Waste	Local	21. Central Auckland (CBD)	Existing
11/07/2019	51312904	Gravity Connection	PVC	150	Waste	Local	21. Central Auckland (CBD)	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
11/07/2019	51329592	Gravity Connection	PVC	100	Waste	Local	21. Central Auckland (CBD)	Existing
11/07/2019	51312882	Gravity Connection	PVC	150	Waste	Local	21. Central Auckland (CBD)	Existing
11/07/2019	51312904	Gravity Connection	PVC	150	Waste	Local	21. Central Auckland (CBD)	Existing
11/07/2019	51329592	Gravity Connection	PVC	100	Waste	Local	21. Central Auckland (CBD)	Existing
31/07/2019	51469854	Gravity Connection	PVC	150	Waste	Local	21. Central Auckland (CBD)	Existing
31/07/2019	51469854	Gravity Connection	PVC	150	Waste	Local	21. Central Auckland (CBD)	Existing
1/08/2019	51460347	Gravity Connection	PVC	100	Waste	Local	21. Central Auckland (CBD)	Existing
1/08/2019	51460349	Gravity Connection	PVC	100	Waste	Local	21. Central Auckland (CBD)	Existing
1/08/2019	51460354	Gravity Connection	PVC	100	Waste	Local	21. Central Auckland (CBD)	Existing
1/08/2019	51460347	Gravity Connection	PVC	100	Waste	Local	21. Central Auckland (CBD)	Existing
1/08/2019	51460349	Gravity Connection	PVC	100	Waste	Local	21. Central Auckland (CBD)	Existing
1/08/2019	51460354	Gravity Connection	PVC	100	Waste	Local	21. Central Auckland (CBD)	Existing
7/08/2019	51509167	Gravity	PVC	300	Waste	Local	21. Central Auckland (CBD)	Existing
7/08/2019	51509169	Gravity	PVC	300	Waste	Local	21. Central Auckland (CBD)	Existing
7/08/2019	51509171	Gravity	PVC	300	Waste	Local	21. Central Auckland (CBD)	Existing
7/08/2019	51509175	Gravity	PVC	300	Waste	Local	21. Central Auckland (CBD)	Existing
7/08/2019	51509176	Gravity	PVC	300	Waste	Local	21. Central Auckland (CBD)	Existing
7/08/2019	51509167	Gravity	PVC	300	Waste	Local	21. Central Auckland (CBD)	Existing
7/08/2019	51509169	Gravity	PVC	300	Waste	Local	21. Central Auckland (CBD)	Existing
7/08/2019	51509171	Gravity	PVC	300	Waste	Local	21. Central Auckland (CBD)	Existing
7/08/2019	51509175	Gravity	PVC	300	Waste	Local	21. Central Auckland (CBD)	Existing
7/08/2019	51509176	Gravity	PVC	300	Waste	Local	21. Central Auckland (CBD)	Existing
9/09/2019	51453586	Gravity Connection	PVC	100	Waste	Local	21. Central Auckland (CBD)	Existing
9/09/2019	51453587	Gravity Connection	PVC	100	Waste	Local	21. Central Auckland (CBD)	Existing
9/09/2019	51453588	Gravity Connection	PVC	100	Waste	Local	21. Central Auckland (CBD)	Existing
9/09/2019	51453586	Gravity Connection	PVC	100	Waste	Local	21. Central Auckland (CBD)	Existing
9/09/2019	51453587	Gravity Connection	PVC	100	Waste	Local	21. Central Auckland (CBD)	Existing
9/09/2019	51453588	Gravity Connection	PVC	100	Waste	Local	21. Central Auckland (CBD)	Existing
14/11/2019	51496999	Gravity Connection	PVC	100	Combined	Local	21. Central Auckland (CBD)	Existing
14/11/2019	51497000	Gravity Connection	PVC	100	Waste	Local	21. Central Auckland (CBD)	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
14/11/2019	51496999	Gravity Connection	PVC	100	Combined	Local	21. Central Auckland (CBD)	Existing
14/11/2019	51497000	Gravity Connection	PVC	100	Waste	Local	21. Central Auckland (CBD)	Existing
22/11/2019	51503510	Gravity	PVC	300	Waste	Local	21. Central Auckland (CBD)	Existing
22/11/2019	51503511	Gravity	PVC	300	Waste	Local	21. Central Auckland (CBD)	Existing
22/11/2019	51503510	Gravity	PVC	300	Waste	Local	21. Central Auckland (CBD)	Existing
22/11/2019	51503511	Gravity	PVC	300	Waste	Local	21. Central Auckland (CBD)	Existing
22/11/2019	51503494	Gravity Connection	PVC	225	Waste	Local	21. Central Auckland (CBD)	Existing
22/11/2019	51503494	Gravity Connection	PVC	225	Waste	Local	21. Central Auckland (CBD)	Existing
17/12/2019	51505021	Gravity	PVC	150	Waste	Local	21. Central Auckland (CBD)	Existing
17/12/2019	51505021	Gravity	PVC	150	Waste	Local	21. Central Auckland (CBD)	Existing
17/12/2019	51505022	Gravity Connection	PVC	150	Waste	Local	21. Central Auckland (CBD)	Existing
17/12/2019	51505022	Gravity Connection	PVC	150	Waste	Local	21. Central Auckland (CBD)	Existing
12/07/2019	51309888	Gravity	PVC	150	Waste	Local	22. Hobson Bay	Existing
12/07/2019	51309888	Gravity	PVC	150	Waste	Local	22. Hobson Bay	Existing
12/07/2019	51309890	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
12/07/2019	51309892	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
12/07/2019	51309894	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
12/07/2019	51309890	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
12/07/2019	51309892	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
12/07/2019	51309894	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
16/07/2019	51460331	Gravity	PVC	150	Waste	Local	22. Hobson Bay	Existing
16/07/2019	51487191	Gravity	PVC	150	Waste	Local	22. Hobson Bay	Existing
16/07/2019	51460331	Gravity	PVC	150	Waste	Local	22. Hobson Bay	Existing
16/07/2019	51487191	Gravity	PVC	150	Waste	Local	22. Hobson Bay	Existing
16/07/2019	51460332	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
16/07/2019	51460333	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
16/07/2019	51460334	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
16/07/2019	51487190	Gravity Connection	PVC	150	Waste	Local	22. Hobson Bay	Existing
16/07/2019	51487209	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
16/07/2019	51460332	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
16/07/2019	51460333	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
16/07/2019	51460334	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
16/07/2019	51487190	Gravity Connection	PVC	150	Waste	Local	22. Hobson Bay	Existing
16/07/2019	51487209	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
19/07/2019	51496929	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
19/07/2019	51496930	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
19/07/2019	51496929	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
19/07/2019	51496930	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
7/08/2019	51453721	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
7/08/2019	51453723	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
7/08/2019	51462166	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
7/08/2019	51453721	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
7/08/2019	51453723	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
7/08/2019	51462166	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
14/08/2019	51462334	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
14/08/2019	51462335	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
14/08/2019	51462336	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
14/08/2019	51469742	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
14/08/2019	51462334	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
14/08/2019	51462335	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
14/08/2019	51462336	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
14/08/2019	51469742	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
19/08/2019	51462205	Gravity	PVC	150	Waste	Local	22. Hobson Bay	Existing
19/08/2019	51462205	Gravity	PVC	150	Waste	Local	22. Hobson Bay	Existing
19/08/2019	51462206	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
19/08/2019	51462207	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
19/08/2019	51462208	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
19/08/2019	51462209	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
19/08/2019	51462206	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
19/08/2019	51462207	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
19/08/2019	51462208	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
19/08/2019	51462209	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
3/09/2019	51462102	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
3/09/2019	51462103	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
3/09/2019	51462104	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
3/09/2019	51462102	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
3/09/2019	51462103	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
3/09/2019	51462104	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
11/09/2019	51496981	Gravity	PVC	150	Waste	Local	22. Hobson Bay	Existing
11/09/2019	51496981	Gravity	PVC	150	Waste	Local	22. Hobson Bay	Existing
11/09/2019	51466438	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
11/09/2019	51466439	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
11/09/2019	51496983	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
11/09/2019	51496984	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
11/09/2019	51466438	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
11/09/2019	51466439	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
11/09/2019	51496983	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
11/09/2019	51496984	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
23/09/2019	51502193	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
23/09/2019	51502194	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
23/09/2019	51502193	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
23/09/2019	51502194	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
3/10/2019	51502027	Gravity	PVC	150	Waste	Local	22. Hobson Bay	Existing
3/10/2019	51502027	Gravity	PVC	150	Waste	Local	22. Hobson Bay	Existing
3/10/2019	51358958	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
3/10/2019	51358959	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
3/10/2019	51358960	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
3/10/2019	51358961	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
3/10/2019	51358962	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
3/10/2019	51358963	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
3/10/2019	51358964	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
3/10/2019	51358965	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
3/10/2019	51502028	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
3/10/2019	51502029	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
3/10/2019	51502030	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
3/10/2019	51358958	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
3/10/2019	51358959	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
3/10/2019	51358960	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
3/10/2019	51358961	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
3/10/2019	51358962	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
3/10/2019	51358963	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
3/10/2019	51358964	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
3/10/2019	51358965	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
3/10/2019	51502028	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
3/10/2019	51502029	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
3/10/2019	51502030	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
11/10/2019	51492967	Gravity	PVC	150	Waste	Local	22. Hobson Bay	Existing
11/10/2019	51492970	Gravity	PVC	150	Waste	Local	22. Hobson Bay	Existing
11/10/2019	51492967	Gravity	PVC	150	Waste	Local	22. Hobson Bay	Existing
11/10/2019	51492970	Gravity	PVC	150	Waste	Local	22. Hobson Bay	Existing
11/10/2019	51497004	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
11/10/2019	51497005	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
11/10/2019	51497004	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
11/10/2019	51497005	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
22/10/2019	51483055	Gravity	PVC	150	Waste	Local	22. Hobson Bay	Existing
22/10/2019	51483070	Gravity	PVC	150	Waste	Local	22. Hobson Bay	Existing
22/10/2019	51483055	Gravity	PVC	150	Waste	Local	22. Hobson Bay	Existing
22/10/2019	51483070	Gravity	PVC	150	Waste	Local	22. Hobson Bay	Existing
22/10/2019	51483071	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
22/10/2019	51483072	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
22/10/2019	51483074	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
22/10/2019	51483076	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
22/10/2019	51483071	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
22/10/2019	51483072	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
22/10/2019	51483074	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
22/10/2019	51483076	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
25/10/2019	51475188	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
25/10/2019	51475189	Gravity Connection	PVC	150	Waste	Local	22. Hobson Bay	Existing
25/10/2019	51475316	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
25/10/2019	51475188	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
25/10/2019	51475189	Gravity Connection	PVC	150	Waste	Local	22. Hobson Bay	Existing
25/10/2019	51475316	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
15/11/2019	51499953	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
15/11/2019	51499954	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
15/11/2019	51499955	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
15/11/2019	51499953	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
15/11/2019	51499954	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
15/11/2019	51499955	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
21/11/2019	51512907	Gravity	PVC	150	Waste	Local	22. Hobson Bay	Existing
21/11/2019	51512908	Gravity	PVC	150	Waste	Local	22. Hobson Bay	Existing
21/11/2019	51512910	Gravity	PVC	150	Waste	Local	22. Hobson Bay	Existing
21/11/2019	51512911	Gravity	PVC	150	Waste	Local	22. Hobson Bay	Existing
21/11/2019	51512912	Gravity	PVC	150	Waste	Local	22. Hobson Bay	Existing
21/11/2019	51512907	Gravity	PVC	150	Waste	Local	22. Hobson Bay	Existing
21/11/2019	51512908	Gravity	PVC	150	Waste	Local	22. Hobson Bay	Existing
21/11/2019	51512910	Gravity	PVC	150	Waste	Local	22. Hobson Bay	Existing
21/11/2019	51512911	Gravity	PVC	150	Waste	Local	22. Hobson Bay	Existing
21/11/2019	51512912	Gravity	PVC	150	Waste	Local	22. Hobson Bay	Existing
21/11/2019	51512883	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
21/11/2019	51512884	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
21/11/2019	51512894	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
21/11/2019	51512895	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
21/11/2019	51512899	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
21/11/2019	51512900	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
21/11/2019	51512883	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
21/11/2019	51512884	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
21/11/2019	51512894	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
21/11/2019	51512895	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
21/11/2019	51512899	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
21/11/2019	51512900	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
4/12/2019	51504996	Gravity	PVC	150	Waste	Local	22. Hobson Bay	Existing
4/12/2019	51504997	Gravity	PVC	150	Waste	Local	22. Hobson Bay	Existing
4/12/2019	51504998	Gravity	PVC	150	Waste	Local	22. Hobson Bay	Existing
4/12/2019	51504996	Gravity	PVC	150	Waste	Local	22. Hobson Bay	Existing
4/12/2019	51504997	Gravity	PVC	150	Waste	Local	22. Hobson Bay	Existing
4/12/2019	51504998	Gravity	PVC	150	Waste	Local	22. Hobson Bay	Existing
4/12/2019	51505002	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
4/12/2019	51505003	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
4/12/2019	51505002	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
4/12/2019	51505003	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
19/12/2019	51501914	Gravity	PVC	150	Waste	Local	22. Hobson Bay	Existing
19/12/2019	51501915	Gravity	PVC	150	Waste	Local	22. Hobson Bay	Existing
19/12/2019	51501916	Gravity	SS	100	Waste	Local	22. Hobson Bay	Existing
19/12/2019	51501914	Gravity	PVC	150	Waste	Local	22. Hobson Bay	Existing
19/12/2019	51501915	Gravity	PVC	150	Waste	Local	22. Hobson Bay	Existing
19/12/2019	51501916	Gravity	SS	100	Waste	Local	22. Hobson Bay	Existing
15/01/2020	51502253	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
15/01/2020	51502253	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
20/01/2020	51503347	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
20/01/2020	51503347	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
30/01/2020	51502280	Gravity	PVC	150	Waste	Local	22. Hobson Bay	Existing
30/01/2020	51502281	Gravity	PVC	150	Waste	Local	22. Hobson Bay	Existing
30/01/2020	51502282	Gravity	PVC	150	Waste	Local	22. Hobson Bay	Existing
30/01/2020	51502283	Gravity	PVC	150	Waste	Local	22. Hobson Bay	Existing
30/01/2020	51502284	Gravity	PVC	150	Waste	Local	22. Hobson Bay	Existing
30/01/2020	51502285	Gravity	PVC	150	Waste	Local	22. Hobson Bay	Existing
30/01/2020	51502286	Gravity	PVC	150	Waste	Local	22. Hobson Bay	Existing
30/01/2020	51502287	Gravity	PVC	150	Waste	Local	22. Hobson Bay	Existing
30/01/2020	51502280	Gravity	PVC	150	Waste	Local	22. Hobson Bay	Existing
30/01/2020	51502281	Gravity	PVC	150	Waste	Local	22. Hobson Bay	Existing
30/01/2020	51502282	Gravity	PVC	150	Waste	Local	22. Hobson Bay	Existing
30/01/2020	51502283	Gravity	PVC	150	Waste	Local	22. Hobson Bay	Existing
30/01/2020	51502284	Gravity	PVC	150	Waste	Local	22. Hobson Bay	Existing
30/01/2020	51502285	Gravity	PVC	150	Waste	Local	22. Hobson Bay	Existing
30/01/2020	51502286	Gravity	PVC	150	Waste	Local	22. Hobson Bay	Existing
30/01/2020	51502287	Gravity	PVC	150	Waste	Local	22. Hobson Bay	Existing
30/01/2020	51502288	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
30/01/2020	51502289	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
30/01/2020	51502290	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
30/01/2020	51502291	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
30/01/2020	51502292	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
30/01/2020	51502293	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
30/01/2020	51502294	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
30/01/2020	51502295	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
30/01/2020	51502296	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
30/01/2020	51502297	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
30/01/2020	51502298	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
30/01/2020	51502299	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
30/01/2020	51502300	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
30/01/2020	51502301	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
30/01/2020	51502302	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
30/01/2020	51502303	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
30/01/2020	51502304	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
30/01/2020	51502305	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
30/01/2020	51502306	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
30/01/2020	51502288	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
30/01/2020	51502289	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
30/01/2020	51502290	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
30/01/2020	51502291	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
30/01/2020	51502292	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
30/01/2020	51502293	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
30/01/2020	51502294	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
30/01/2020	51502295	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
30/01/2020	51502296	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
30/01/2020	51502297	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
30/01/2020	51502298	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
30/01/2020	51502299	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
30/01/2020	51502300	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
30/01/2020	51502301	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
30/01/2020	51502302	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
30/01/2020	51502303	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
30/01/2020	51502304	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
30/01/2020	51502305	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
30/01/2020	51502306	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
2/02/2020	51508965	Gravity	PVC	150	Waste	Local	22. Hobson Bay	Existing
2/02/2020	51509395	Gravity	PVC	150	Waste	Local	22. Hobson Bay	Existing
2/02/2020	51508965	Gravity	PVC	150	Waste	Local	22. Hobson Bay	Existing
2/02/2020	51509395	Gravity	PVC	150	Waste	Local	22. Hobson Bay	Existing
2/02/2020	51508966	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
2/02/2020	51508967	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
2/02/2020	51508968	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
2/02/2020	51508969	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
2/02/2020	51509396	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
2/02/2020	51509397	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
2/02/2020	51509398	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
2/02/2020	51508966	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
2/02/2020	51508967	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
2/02/2020	51508968	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
2/02/2020	51508969	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
2/02/2020	51509396	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
2/02/2020	51509397	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
2/02/2020	51509398	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
3/02/2020	51507110	Gravity	PVC	100	Waste	Local	22. Hobson Bay	Existing
3/02/2020	51507110	Gravity	PVC	100	Waste	Local	22. Hobson Bay	Existing
3/02/2020	51502048	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
3/02/2020	51502057	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
3/02/2020	51503500	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
3/02/2020	51503502	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
3/02/2020	51507111	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
3/02/2020	51502048	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
3/02/2020	51502057	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
3/02/2020	51503500	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
3/02/2020	51503502	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
3/02/2020	51507111	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
5/02/2020	51509846	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
5/02/2020	51509846	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
19/02/2020	51501696	Gravity	PVC	150	Waste	Local	22. Hobson Bay	Existing
29/02/2020	51497423	Gravity	PVC	150	Waste	Local	22. Hobson Bay	Existing
29/02/2020	51497424	Gravity	PVC	150	Waste	Local	22. Hobson Bay	Existing
29/02/2020	51497423	Gravity	PVC	150	Waste	Local	22. Hobson Bay	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
29/02/2020	51497424	Gravity	PVC	150	Waste	Local	22. Hobson Bay	Existing
29/02/2020	51497425	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
29/02/2020	51497425	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
20/03/2020	51510288	Gravity	PVC	150	Waste	Local	22. Hobson Bay	Existing
20/03/2020	51510289	Gravity	PVC	150	Waste	Local	22. Hobson Bay	Existing
20/03/2020	51510288	Gravity	PVC	150	Waste	Local	22. Hobson Bay	Existing
20/03/2020	51510289	Gravity	PVC	150	Waste	Local	22. Hobson Bay	Existing
20/03/2020	51510290	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
20/03/2020	51510291	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
20/03/2020	51510292	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
20/03/2020	51510293	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
20/03/2020	51510294	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
20/03/2020	51510290	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
20/03/2020	51510291	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
20/03/2020	51510292	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
20/03/2020	51510293	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
20/03/2020	51510294	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
30/03/2020	51510360	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
30/03/2020	51510361	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
30/03/2020	51510362	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
30/03/2020	51510363	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
30/03/2020	51510364	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
30/03/2020	51510365	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
30/03/2020	51510366	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
30/03/2020	51510360	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
30/03/2020	51510361	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
30/03/2020	51510362	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
30/03/2020	51510363	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
30/03/2020	51510364	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
30/03/2020	51510365	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
30/03/2020	51510366	Gravity Connection	PVC	100	Waste	Local	22. Hobson Bay	Existing
1/07/2019	51447069	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
1/07/2019	51447070	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
1/07/2019	51447071	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
1/07/2019	51447079	Gravity Connection	PVC	150	Waste	Local	23. Onehunga	Existing
1/07/2019	51447080	Gravity Connection	PVC	150	Waste	Local	23. Onehunga	Existing
1/07/2019	51447081	Gravity Connection	PVC	150	Waste	Local	23. Onehunga	Existing
1/07/2019	51447082	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
1/07/2019	51447087	Gravity Connection	PVC	150	Waste	Local	23. Onehunga	Existing
1/07/2019	51447069	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
1/07/2019	51447070	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
1/07/2019	51447071	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
1/07/2019	51447079	Gravity Connection	PVC	150	Waste	Local	23. Onehunga	Existing
1/07/2019	51447080	Gravity Connection	PVC	150	Waste	Local	23. Onehunga	Existing
1/07/2019	51447081	Gravity Connection	PVC	150	Waste	Local	23. Onehunga	Existing
1/07/2019	51447082	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
1/07/2019	51447087	Gravity Connection	PVC	150	Waste	Local	23. Onehunga	Existing
2/07/2019	51308976	Gravity Connection	PVC	150	Waste	Local	23. Onehunga	Existing
2/07/2019	51308976	Gravity Connection	PVC	150	Waste	Local	23. Onehunga	Existing
4/07/2019	51502969	Gravity	PVC	150	Waste	Local	23. Onehunga	Existing
4/07/2019	51502969	Gravity	PVC	150	Waste	Local	23. Onehunga	Existing
4/07/2019	51502963	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
4/07/2019	51502966	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
4/07/2019	51502967	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
4/07/2019	51502968	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
4/07/2019	51502963	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
4/07/2019	51502966	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
4/07/2019	51502967	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
4/07/2019	51502968	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
12/07/2019	51501973	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
12/07/2019	51501974	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
12/07/2019	51501975	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
12/07/2019	51501976	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
12/07/2019	51501977	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
12/07/2019	51501978	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
12/07/2019	51501973	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
12/07/2019	51501974	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
12/07/2019	51501975	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
12/07/2019	51501976	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
12/07/2019	51501977	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
12/07/2019	51501978	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
16/07/2019	51312404	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
16/07/2019	51312404	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
23/07/2019	51461653	Gravity	PVC	150	Waste	Local	23. Onehunga	Existing
23/07/2019	51461655	Gravity	PVC	150	Waste	Local	23. Onehunga	Existing
23/07/2019	51461715	Gravity	PVC	150	Waste	Local	23. Onehunga	Existing
23/07/2019	51461716	Gravity	PVC	150	Waste	Local	23. Onehunga	Existing
23/07/2019	51461717	Gravity	PVC	150	Waste	Local	23. Onehunga	Existing
23/07/2019	51461718	Gravity	PVC	150	Waste	Local	23. Onehunga	Existing
23/07/2019	51461719	Gravity	PVC	150	Waste	Local	23. Onehunga	Existing
23/07/2019	51461720	Gravity	PVC	150	Waste	Local	23. Onehunga	Existing
23/07/2019	51461853	Gravity	PVC	150	Waste	Local	23. Onehunga	Existing
23/07/2019	51461854	Gravity	PVC	150	Waste	Local	23. Onehunga	Existing
23/07/2019	51461857	Gravity	PVC	150	Waste	Local	23. Onehunga	Existing
23/07/2019	51461859	Gravity	PVC	150	Waste	Local	23. Onehunga	Existing
23/07/2019	51461860	Gravity	PVC	150	Waste	Local	23. Onehunga	Existing
23/07/2019	51461653	Gravity	PVC	150	Waste	Local	23. Onehunga	Existing
23/07/2019	51461655	Gravity	PVC	150	Waste	Local	23. Onehunga	Existing
23/07/2019	51461715	Gravity	PVC	150	Waste	Local	23. Onehunga	Existing
23/07/2019	51461716	Gravity	PVC	150	Waste	Local	23. Onehunga	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
23/07/2019	51461717	Gravity	PVC	150	Waste	Local	23. Onehunga	Existing
23/07/2019	51461718	Gravity	PVC	150	Waste	Local	23. Onehunga	Existing
23/07/2019	51461719	Gravity	PVC	150	Waste	Local	23. Onehunga	Existing
23/07/2019	51461720	Gravity	PVC	150	Waste	Local	23. Onehunga	Existing
23/07/2019	51461853	Gravity	PVC	150	Waste	Local	23. Onehunga	Existing
23/07/2019	51461854	Gravity	PVC	150	Waste	Local	23. Onehunga	Existing
23/07/2019	51461857	Gravity	PVC	150	Waste	Local	23. Onehunga	Existing
23/07/2019	51461859	Gravity	PVC	150	Waste	Local	23. Onehunga	Existing
23/07/2019	51461860	Gravity	PVC	150	Waste	Local	23. Onehunga	Existing
23/07/2019	51461656	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
23/07/2019	51461658	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
23/07/2019	51461659	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
23/07/2019	51461663	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
23/07/2019	51461664	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
23/07/2019	51461674	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
23/07/2019	51461675	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
23/07/2019	51461679	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
23/07/2019	51461680	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
23/07/2019	51461681	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
23/07/2019	51461682	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
23/07/2019	51461822	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
23/07/2019	51461823	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
23/07/2019	51461824	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
23/07/2019	51461827	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
23/07/2019	51461828	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
23/07/2019	51461829	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
23/07/2019	51461861	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
23/07/2019	51461863	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
23/07/2019	51461864	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
23/07/2019	51461865	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
23/07/2019	51461866	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
23/07/2019	51461867	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
23/07/2019	51461868	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
23/07/2019	51461869	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
23/07/2019	51461870	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
23/07/2019	51461871	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
23/07/2019	51461872	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
23/07/2019	51461873	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
23/07/2019	51461874	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
23/07/2019	51461875	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
23/07/2019	51461876	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
23/07/2019	51461877	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
23/07/2019	51461878	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
23/07/2019	51461879	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
23/07/2019	51461880	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
23/07/2019	51461882	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
23/07/2019	51461883	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
23/07/2019	51461884	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
23/07/2019	51461656	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
23/07/2019	51461658	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
23/07/2019	51461659	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
23/07/2019	51461663	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
23/07/2019	51461664	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
23/07/2019	51461674	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
23/07/2019	51461675	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
23/07/2019	51461679	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
23/07/2019	51461680	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
23/07/2019	51461681	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
23/07/2019	51461682	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
23/07/2019	51461822	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
23/07/2019	51461823	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
23/07/2019	51461824	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
23/07/2019	51461827	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
23/07/2019	51461828	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
23/07/2019	51461829	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
23/07/2019	51461861	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
23/07/2019	51461863	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
23/07/2019	51461864	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
23/07/2019	51461865	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
23/07/2019	51461866	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
23/07/2019	51461867	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
23/07/2019	51461868	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
23/07/2019	51461869	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
23/07/2019	51461870	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
23/07/2019	51461871	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
23/07/2019	51461872	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
23/07/2019	51461873	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
23/07/2019	51461874	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
23/07/2019	51461875	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
23/07/2019	51461876	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
23/07/2019	51461877	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
23/07/2019	51461878	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
23/07/2019	51461879	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
23/07/2019	51461880	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
23/07/2019	51461882	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
23/07/2019	51461883	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
23/07/2019	51461884	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
29/07/2019	51493849	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
29/07/2019	51493851	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
29/07/2019	51493849	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
29/07/2019	51493851	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
31/07/2019	51453489	Gravity Connection	PVC	150	Waste	Local	23. Onehunga	Existing
31/07/2019	51453489	Gravity Connection	PVC	150	Waste	Local	23. Onehunga	Existing
15/08/2019	51501992	Gravity	PVC	150	Waste	Local	23. Onehunga	Existing
15/08/2019	51501992	Gravity	PVC	150	Waste	Local	23. Onehunga	Existing
15/08/2019	51502002	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
15/08/2019	51502008	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
15/08/2019	51502002	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
15/08/2019	51502008	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
19/08/2019	51454695	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
19/08/2019	51462243	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
19/08/2019	51462244	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
19/08/2019	51454695	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
19/08/2019	51462243	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
19/08/2019	51462244	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
27/08/2019	51492947	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
27/08/2019	51492959	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
27/08/2019	51492960	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
27/08/2019	51492961	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
27/08/2019	51492962	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
27/08/2019	51492947	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
27/08/2019	51492959	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
27/08/2019	51492960	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
27/08/2019	51492961	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
27/08/2019	51492962	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
30/08/2019	51308077	Gravity	PVC	150	Waste	Local	23. Onehunga	Existing
30/08/2019	51308077	Gravity	PVC	150	Waste	Local	23. Onehunga	Existing
30/08/2019	51308079	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
30/08/2019	51308080	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
30/08/2019	51308079	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
30/08/2019	51308080	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
11/09/2019	51360232	Gravity	PVC	150	Waste	Local	23. Onehunga	Existing
11/09/2019	51360233	Gravity	PVC	150	Waste	Local	23. Onehunga	Existing
11/09/2019	51360232	Gravity	PVC	150	Waste	Local	23. Onehunga	Existing
11/09/2019	51360233	Gravity	PVC	150	Waste	Local	23. Onehunga	Existing
11/09/2019	51360236	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
11/09/2019	51360237	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
11/09/2019	51360240	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
11/09/2019	51360241	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
11/09/2019	51360242	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
11/09/2019	51360243	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
11/09/2019	51360245	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
11/09/2019	51360246	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
11/09/2019	51360247	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
11/09/2019	51492500	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
11/09/2019	51492501	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
11/09/2019	51492502	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
11/09/2019	51360236	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
11/09/2019	51360237	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
11/09/2019	51360240	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
11/09/2019	51360241	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
11/09/2019	51360242	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
11/09/2019	51360243	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
11/09/2019	51360245	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
11/09/2019	51360246	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
11/09/2019	51360247	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
11/09/2019	51492500	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
11/09/2019	51492501	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
11/09/2019	51492502	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
23/09/2019	51476684	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
23/09/2019	51476684	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
24/09/2019	51468785	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
24/09/2019	51468786	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
24/09/2019	51468785	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
24/09/2019	51468786	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
1/10/2019	51481974	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
1/10/2019	51481975	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
1/10/2019	51481976	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
1/10/2019	51481977	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
1/10/2019	51481978	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
1/10/2019	51481979	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
1/10/2019	51481999	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
1/10/2019	51482452	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
1/10/2019	51482485	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
1/10/2019	51482486	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
1/10/2019	51482487	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
1/10/2019	51482488	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
1/10/2019	51482614	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
1/10/2019	51496907	Gravity Connection	PVC	150	Waste	Local	23. Onehunga	Existing
1/10/2019	51496918	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
1/10/2019	51496922	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
1/10/2019	51496923	Gravity Connection	PVC	150	Waste	Local	23. Onehunga	Existing
1/10/2019	51496924	Gravity Connection	PVC	150	Waste	Local	23. Onehunga	Existing
1/10/2019	51481974	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
1/10/2019	51481975	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
1/10/2019	51481976	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
1/10/2019	51481977	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
1/10/2019	51481978	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
1/10/2019	51481979	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
1/10/2019	51481999	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
1/10/2019	51482452	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
1/10/2019	51482485	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
1/10/2019	51482486	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
1/10/2019	51482487	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
1/10/2019	51482488	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
1/10/2019	51482614	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
1/10/2019	51496907	Gravity Connection	PVC	150	Waste	Local	23. Onehunga	Existing
1/10/2019	51496918	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
1/10/2019	51496922	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
1/10/2019	51496923	Gravity Connection	PVC	150	Waste	Local	23. Onehunga	Existing
1/10/2019	51496924	Gravity Connection	PVC	150	Waste	Local	23. Onehunga	Existing
2/10/2019	51502817	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
2/10/2019	51502820	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
2/10/2019	51502821	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
2/10/2019	51502817	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
2/10/2019	51502820	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
2/10/2019	51502821	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
11/10/2019	51492370	Gravity Connection	PE	100	Waste	Local	23. Onehunga	Existing
11/10/2019	51492371	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
11/10/2019	51492370	Gravity Connection	PE	100	Waste	Local	23. Onehunga	Existing
11/10/2019	51492371	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
16/10/2019	51501565	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
16/10/2019	51501566	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
16/10/2019	51501567	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
16/10/2019	51501565	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
16/10/2019	51501566	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
16/10/2019	51501567	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
17/10/2019	51497295	Gravity	PVC	150	Waste	Local	23. Onehunga	Existing
17/10/2019	51497296	Gravity	PVC	150	Waste	Local	23. Onehunga	Existing
17/10/2019	51497295	Gravity	PVC	150	Waste	Local	23. Onehunga	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
17/10/2019	51497296	Gravity	PVC	150	Waste	Local	23. Onehunga	Existing
17/10/2019	51497297	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
17/10/2019	51497298	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
17/10/2019	51497299	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
17/10/2019	51497300	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
17/10/2019	51497297	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
17/10/2019	51497298	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
17/10/2019	51497299	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
17/10/2019	51497300	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
23/10/2019	51483326	Gravity	PVC	100	Waste	Local	23. Onehunga	Existing
23/10/2019	51501719	Gravity	PVC	100	Waste	Local	23. Onehunga	Existing
23/10/2019	51501720	Gravity	PVC	100	Waste	Local	23. Onehunga	Existing
23/10/2019	51483326	Gravity	PVC	100	Waste	Local	23. Onehunga	Existing
23/10/2019	51501719	Gravity	PVC	100	Waste	Local	23. Onehunga	Existing
23/10/2019	51501720	Gravity	PVC	100	Waste	Local	23. Onehunga	Existing
23/10/2019	51483328	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
23/10/2019	51501723	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
23/10/2019	51501724	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
23/10/2019	51512979	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
23/10/2019	51512980	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
23/10/2019	51512981	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
23/10/2019	51483328	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
23/10/2019	51501723	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
23/10/2019	51501724	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
23/10/2019	51512979	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
23/10/2019	51512980	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
23/10/2019	51512981	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
31/10/2019	51509168	Gravity	PVC	150	Waste	Local	23. Onehunga	Existing
31/10/2019	51509170	Gravity	PVC	150	Waste	Local	23. Onehunga	Existing
31/10/2019	51509168	Gravity	PVC	150	Waste	Local	23. Onehunga	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
31/10/2019	51509170	Gravity	PVC	150	Waste	Local	23. Onehunga	Existing
31/10/2019	51509162	Gravity Connection	PVC	150	Waste	Local	23. Onehunga	Existing
31/10/2019	51509164	Gravity Connection	PVC	150	Waste	Local	23. Onehunga	Existing
31/10/2019	51509162	Gravity Connection	PVC	150	Waste	Local	23. Onehunga	Existing
31/10/2019	51509164	Gravity Connection	PVC	150	Waste	Local	23. Onehunga	Existing
17/01/2020	51502255	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
17/01/2020	51502256	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
17/01/2020	51502255	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
17/01/2020	51502256	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
24/01/2020	51508997	Gravity	CLS	150	Waste	Local	23. Onehunga	Existing
24/01/2020	51508997	Gravity	CLS	150	Waste	Local	23. Onehunga	Existing
24/01/2020	51508998	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
24/01/2020	51509063	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
24/01/2020	51508998	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
24/01/2020	51509063	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
19/02/2020	51512864	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
19/02/2020	51512865	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
19/02/2020	51512864	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
19/02/2020	51512865	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
5/03/2020	51512801	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
5/03/2020	51512802	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
5/03/2020	51512801	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
5/03/2020	51512802	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
11/03/2020	51517947	Gravity	PVC	150	Waste	Local	23. Onehunga	Existing
11/03/2020	51517947	Gravity	PVC	150	Waste	Local	23. Onehunga	Existing
11/03/2020	51517950	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
11/03/2020	51517952	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
11/03/2020	51517950	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
11/03/2020	51517952	Gravity Connection	PVC	100	Waste	Local	23. Onehunga	Existing
12/07/2019	51492383	Gravity	PVC	150	Waste	Local	24. Mangere	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
12/07/2019	51492383	Gravity	PVC	150	Waste	Local	24. Mangere	Existing
12/07/2019	51492384	Gravity Connection	PVC	100	Waste	Local	24. Mangere	Existing
12/07/2019	51492385	Gravity Connection	PVC	100	Waste	Local	24. Mangere	Existing
12/07/2019	51492384	Gravity Connection	PVC	100	Waste	Local	24. Mangere	Existing
12/07/2019	51492385	Gravity Connection	PVC	100	Waste	Local	24. Mangere	Existing
29/07/2019	51309138	Gravity	PVC	150	Waste	Local	24. Mangere	Existing
29/07/2019	51309140	Gravity	PVC	150	Waste	Local	24. Mangere	Existing
29/07/2019	51309138	Gravity	PVC	150	Waste	Local	24. Mangere	Existing
29/07/2019	51309140	Gravity	PVC	150	Waste	Local	24. Mangere	Existing
29/07/2019	51309141	Gravity Connection	PVC	100	Waste	Local	24. Mangere	Existing
29/07/2019	51309142	Gravity Connection	PVC	100	Waste	Local	24. Mangere	Existing
29/07/2019	51309143	Gravity Connection	PVC	100	Waste	Local	24. Mangere	Existing
29/07/2019	51309141	Gravity Connection	PVC	100	Waste	Local	24. Mangere	Existing
29/07/2019	51309142	Gravity Connection	PVC	100	Waste	Local	24. Mangere	Existing
29/07/2019	51309143	Gravity Connection	PVC	100	Waste	Local	24. Mangere	Existing
30/07/2019	51453702	Gravity Connection	PVC	100	Waste	Local	24. Mangere	Existing
30/07/2019	51453703	Gravity Connection	PVC	100	Waste	Local	24. Mangere	Existing
30/07/2019	51453702	Gravity Connection	PVC	100	Waste	Local	24. Mangere	Existing
30/07/2019	51453703	Gravity Connection	PVC	100	Waste	Local	24. Mangere	Existing
6/08/2019	51305380	Gravity Connection	PVC	100	Waste	Local	24. Mangere	Existing
6/08/2019	51305381	Gravity Connection	PVC	100	Waste	Local	24. Mangere	Existing
6/08/2019	51305382	Gravity Connection	PVC	100	Waste	Local	24. Mangere	Existing
6/08/2019	51305380	Gravity Connection	PVC	100	Waste	Local	24. Mangere	Existing
6/08/2019	51305381	Gravity Connection	PVC	100	Waste	Local	24. Mangere	Existing
6/08/2019	51305382	Gravity Connection	PVC	100	Waste	Local	24. Mangere	Existing
6/08/2019	51305376	Overflow	PVC	150	Waste	Local	24. Mangere	Existing
6/08/2019	51305376	Overflow	PVC	150	Waste	Local	24. Mangere	Existing
7/08/2019	51299063	Gravity	PVC	150	Waste	Local	24. Mangere	Existing
7/08/2019	51299063	Gravity	PVC	150	Waste	Local	24. Mangere	Existing
7/08/2019	51299064	Gravity Connection	PVC	100	Waste	Local	24. Mangere	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
7/08/2019	51299065	Gravity Connection	PVC	100	Waste	Local	24. Mangere	Existing
7/08/2019	51457003	Gravity Connection	PVC	100	Waste	Local	24. Mangere	Existing
7/08/2019	51457004	Gravity Connection	PVC	100	Waste	Local	24. Mangere	Existing
7/08/2019	51457005	Gravity Connection	PVC	100	Waste	Local	24. Mangere	Existing
7/08/2019	51299064	Gravity Connection	PVC	100	Waste	Local	24. Mangere	Existing
7/08/2019	51299065	Gravity Connection	PVC	100	Waste	Local	24. Mangere	Existing
7/08/2019	51457003	Gravity Connection	PVC	100	Waste	Local	24. Mangere	Existing
7/08/2019	51457004	Gravity Connection	PVC	100	Waste	Local	24. Mangere	Existing
7/08/2019	51457005	Gravity Connection	PVC	100	Waste	Local	24. Mangere	Existing
9/08/2019	51453795	Gravity	PVC	150	Waste	Local	24. Mangere	Existing
9/08/2019	51453795	Gravity	PVC	150	Waste	Local	24. Mangere	Existing
9/08/2019	51453797	Gravity Connection	PVC	150	Waste	Local	24. Mangere	Existing
9/08/2019	51453797	Gravity Connection	PVC	150	Waste	Local	24. Mangere	Existing
20/08/2019	51517893	Gravity Connection	PVC	100	Waste	Local	24. Mangere	Existing
20/08/2019	51517896	Gravity Connection	PVC	100	Waste	Local	24. Mangere	Existing
20/08/2019	51517893	Gravity Connection	PVC	100	Waste	Local	24. Mangere	Existing
20/08/2019	51517896	Gravity Connection	PVC	100	Waste	Local	24. Mangere	Existing
1/09/2019	51512944	Gravity	PVC	150	Waste	Local	24. Mangere	Existing
1/09/2019	51512945	Gravity	PVC	150	Waste	Local	24. Mangere	Existing
1/09/2019	51512944	Gravity	PVC	150	Waste	Local	24. Mangere	Existing
1/09/2019	51512945	Gravity	PVC	150	Waste	Local	24. Mangere	Existing
9/09/2019	51462292	Gravity Connection	PVC	100	Waste	Local	24. Mangere	Existing
9/09/2019	51462293	Gravity Connection	PVC	100	Waste	Local	24. Mangere	Existing
9/09/2019	51462292	Gravity Connection	PVC	100	Waste	Local	24. Mangere	Existing
9/09/2019	51462293	Gravity Connection	PVC	100	Waste	Local	24. Mangere	Existing
11/09/2019	51309172	Gravity	PVC	150	Waste	Local	24. Mangere	Existing
11/09/2019	51309172	Gravity	PVC	150	Waste	Local	24. Mangere	Existing
11/09/2019	51309173	Gravity Connection	PVC	100	Waste	Local	24. Mangere	Existing
11/09/2019	51309174	Gravity Connection	PVC	100	Waste	Local	24. Mangere	Existing
11/09/2019	51469620	Gravity Connection	PVC	100	Waste	Local	24. Mangere	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
11/09/2019	51309173	Gravity Connection	PVC	100	Waste	Local	24. Mangere	Existing
11/09/2019	51309174	Gravity Connection	PVC	100	Waste	Local	24. Mangere	Existing
11/09/2019	51469620	Gravity Connection	PVC	100	Waste	Local	24. Mangere	Existing
23/09/2019	51492482	Gravity	PVC	150	Waste	Local	24. Mangere	Existing
23/09/2019	51492483	Gravity	PVC	150	Waste	Local	24. Mangere	Existing
23/09/2019	51492482	Gravity	PVC	150	Waste	Local	24. Mangere	Existing
23/09/2019	51492483	Gravity	PVC	150	Waste	Local	24. Mangere	Existing
23/09/2019	51492478	Gravity Connection	PVC	150	Waste	Local	24. Mangere	Existing
23/09/2019	51492479	Gravity Connection	PVC	150	Waste	Local	24. Mangere	Existing
23/09/2019	51492478	Gravity Connection	PVC	150	Waste	Local	24. Mangere	Existing
23/09/2019	51492479	Gravity Connection	PVC	150	Waste	Local	24. Mangere	Existing
23/09/2019	51492477	Overflow	PVC	150	Waste	Local	24. Mangere	Existing
23/09/2019	51492477	Overflow	PVC	150	Waste	Local	24. Mangere	Existing
24/09/2019	51479622	Gravity Connection	PVC	100	Waste	Local	24. Mangere	Existing
24/09/2019	51479623	Gravity Connection	PVC	100	Waste	Local	24. Mangere	Existing
24/09/2019	51479624	Gravity Connection	PVC	100	Waste	Local	24. Mangere	Existing
24/09/2019	51479622	Gravity Connection	PVC	100	Waste	Local	24. Mangere	Existing
24/09/2019	51479623	Gravity Connection	PVC	100	Waste	Local	24. Mangere	Existing
24/09/2019	51479624	Gravity Connection	PVC	100	Waste	Local	24. Mangere	Existing
7/10/2019	51502505	Gravity Connection	PVC	100	Waste	Local	24. Mangere	Existing
7/10/2019	51502505	Gravity Connection	PVC	100	Waste	Local	24. Mangere	Existing
6/11/2019	51496698	Gravity	PVC	150	Waste	Local	24. Mangere	Existing
6/11/2019	51496698	Gravity	PVC	150	Waste	Local	24. Mangere	Existing
6/11/2019	51496700	Gravity Connection	PVC	100	Waste	Local	24. Mangere	Existing
6/11/2019	51496702	Gravity Connection	PVC	100	Waste	Local	24. Mangere	Existing
6/11/2019	51496703	Gravity Connection	PVC	100	Waste	Local	24. Mangere	Existing
6/11/2019	51496704	Gravity Connection	PVC	100	Waste	Local	24. Mangere	Existing
6/11/2019	51496705	Gravity Connection	PVC	100	Waste	Local	24. Mangere	Existing
6/11/2019	51501299	Gravity Connection	PVC	100	Waste	Local	24. Mangere	Existing
6/11/2019	51501300	Gravity Connection	PVC	100	Waste	Local	24. Mangere	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
6/11/2019	51501302	Gravity Connection	PVC	100	Waste	Local	24. Mangere	Existing
6/11/2019	51501475	Gravity Connection	PVC	100	Waste	Local	24. Mangere	Existing
6/11/2019	51501476	Gravity Connection	PVC	100	Waste	Local	24. Mangere	Existing
6/11/2019	51501477	Gravity Connection	PVC	100	Waste	Local	24. Mangere	Existing
6/11/2019	51501478	Gravity Connection	PVC	100	Waste	Local	24. Mangere	Existing
6/11/2019	51496700	Gravity Connection	PVC	100	Waste	Local	24. Mangere	Existing
6/11/2019	51496702	Gravity Connection	PVC	100	Waste	Local	24. Mangere	Existing
6/11/2019	51496703	Gravity Connection	PVC	100	Waste	Local	24. Mangere	Existing
6/11/2019	51496704	Gravity Connection	PVC	100	Waste	Local	24. Mangere	Existing
6/11/2019	51496705	Gravity Connection	PVC	100	Waste	Local	24. Mangere	Existing
6/11/2019	51501299	Gravity Connection	PVC	100	Waste	Local	24. Mangere	Existing
6/11/2019	51501300	Gravity Connection	PVC	100	Waste	Local	24. Mangere	Existing
6/11/2019	51501302	Gravity Connection	PVC	100	Waste	Local	24. Mangere	Existing
6/11/2019	51501475	Gravity Connection	PVC	100	Waste	Local	24. Mangere	Existing
6/11/2019	51501476	Gravity Connection	PVC	100	Waste	Local	24. Mangere	Existing
6/11/2019	51501477	Gravity Connection	PVC	100	Waste	Local	24. Mangere	Existing
6/11/2019	51501478	Gravity Connection	PVC	100	Waste	Local	24. Mangere	Existing
8/11/2019	51492656	Gravity	PVC	150	Waste	Local	24. Mangere	Existing
8/11/2019	51492656	Gravity	PVC	150	Waste	Local	24. Mangere	Existing
8/11/2019	51492658	Gravity Connection	PVC	100	Waste	Local	24. Mangere	Existing
8/11/2019	51492658	Gravity Connection	PVC	100	Waste	Local	24. Mangere	Existing
18/11/2019	51512935	Gravity	PVC	150	Waste	Local	24. Mangere	Existing
18/11/2019	51512935	Gravity	PVC	150	Waste	Local	24. Mangere	Existing
18/11/2019	51512934	Gravity Connection	PVC	100	Waste	Local	24. Mangere	Existing
18/11/2019	51512937	Gravity Connection	PVC	100	Waste	Local	24. Mangere	Existing
18/11/2019	51512938	Gravity Connection	PVC	100	Waste	Local	24. Mangere	Existing
18/11/2019	51512939	Gravity Connection	PVC	100	Waste	Local	24. Mangere	Existing
18/11/2019	51512934	Gravity Connection	PVC	100	Waste	Local	24. Mangere	Existing
18/11/2019	51512937	Gravity Connection	PVC	100	Waste	Local	24. Mangere	Existing
18/11/2019	51512938	Gravity Connection	PVC	100	Waste	Local	24. Mangere	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
18/11/2019	51512939	Gravity Connection	PVC	100	Waste	Local	24. Mangere	Existing
20/11/2019	51498865	Gravity Connection	PVC	100	Waste	Local	24. Mangere	Existing
20/11/2019	51498865	Gravity Connection	PVC	100	Waste	Local	24. Mangere	Existing
11/12/2019	51492697	Gravity Connection	PVC	100	Waste	Local	24. Mangere	Existing
11/12/2019	51492697	Gravity Connection	PVC	100	Waste	Local	24. Mangere	Existing
12/12/2019	51499919	Gravity Connection	PVC	100	Waste	Local	24. Mangere	Existing
12/12/2019	51499920	Gravity Connection	PVC	100	Waste	Local	24. Mangere	Existing
12/12/2019	51499921	Gravity Connection	PVC	100	Waste	Local	24. Mangere	Existing
12/12/2019	51499923	Gravity Connection	PVC	100	Waste	Local	24. Mangere	Existing
12/12/2019	51499924	Gravity Connection	PVC	100	Waste	Local	24. Mangere	Existing
12/12/2019	51499925	Gravity Connection	PVC	100	Waste	Local	24. Mangere	Existing
12/12/2019	51512796	Gravity Connection	PVC	100	Waste	Local	24. Mangere	Existing
12/12/2019	51512797	Gravity Connection	PVC	100	Waste	Local	24. Mangere	Existing
12/12/2019	51499919	Gravity Connection	PVC	100	Waste	Local	24. Mangere	Existing
12/12/2019	51499920	Gravity Connection	PVC	100	Waste	Local	24. Mangere	Existing
12/12/2019	51499921	Gravity Connection	PVC	100	Waste	Local	24. Mangere	Existing
12/12/2019	51499923	Gravity Connection	PVC	100	Waste	Local	24. Mangere	Existing
12/12/2019	51499924	Gravity Connection	PVC	100	Waste	Local	24. Mangere	Existing
12/12/2019	51499925	Gravity Connection	PVC	100	Waste	Local	24. Mangere	Existing
12/12/2019	51512796	Gravity Connection	PVC	100	Waste	Local	24. Mangere	Existing
12/12/2019	51512797	Gravity Connection	PVC	100	Waste	Local	24. Mangere	Existing
17/12/2019	51502020	Gravity	PVC	150	Waste	Local	24. Mangere	Existing
17/12/2019	51502021	Gravity	PVC	150	Waste	Local	24. Mangere	Existing
17/12/2019	51502020	Gravity	PVC	150	Waste	Local	24. Mangere	Existing
17/12/2019	51502021	Gravity	PVC	150	Waste	Local	24. Mangere	Existing
17/12/2019	51502022	Gravity Connection	PVC	100	Waste	Local	24. Mangere	Existing
17/12/2019	51502023	Gravity Connection	PVC	100	Waste	Local	24. Mangere	Existing
17/12/2019	51502022	Gravity Connection	PVC	100	Waste	Local	24. Mangere	Existing
17/12/2019	51502023	Gravity Connection	PVC	100	Waste	Local	24. Mangere	Existing
2/01/2020	51502070	Gravity	CLS	150	Waste	Local	24. Mangere	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
2/01/2020	51502072	Gravity	PVC	150	Waste	Local	24. Mangere	Existing
2/01/2020	51502070	Gravity	CLS	150	Waste	Local	24. Mangere	Existing
2/01/2020	51502072	Gravity	PVC	150	Waste	Local	24. Mangere	Existing
2/01/2020	51502078	Gravity Connection	PVC	100	Waste	Local	24. Mangere	Existing
2/01/2020	51502078	Gravity Connection	PVC	100	Waste	Local	24. Mangere	Existing
13/01/2020	51509104	Gravity Connection	PVC	100	Waste	Local	24. Mangere	Existing
13/01/2020	51509104	Gravity Connection	PVC	100	Waste	Local	24. Mangere	Existing
28/01/2020	51508678	Gravity Connection	PVC	100	Waste	Local	24. Mangere	Existing
28/01/2020	51508679	Gravity Connection	PVC	100	Waste	Local	24. Mangere	Existing
28/01/2020	51508685	Gravity Connection	PVC	100	Waste	Local	24. Mangere	Existing
28/01/2020	51508687	Gravity Connection	PVC	100	Waste	Local	24. Mangere	Existing
28/01/2020	51508688	Gravity Connection	PVC	100	Waste	Local	24. Mangere	Existing
28/01/2020	51508678	Gravity Connection	PVC	100	Waste	Local	24. Mangere	Existing
28/01/2020	51508679	Gravity Connection	PVC	100	Waste	Local	24. Mangere	Existing
28/01/2020	51508685	Gravity Connection	PVC	100	Waste	Local	24. Mangere	Existing
28/01/2020	51508687	Gravity Connection	PVC	100	Waste	Local	24. Mangere	Existing
28/01/2020	51508688	Gravity Connection	PVC	100	Waste	Local	24. Mangere	Existing
27/02/2020	51510746	Gravity Connection	PVC	100	Waste	Local	24. Mangere	Existing
27/02/2020	51510747	Gravity Connection	PVC	100	Waste	Local	24. Mangere	Existing
27/02/2020	51510748	Gravity Connection	PVC	100	Waste	Local	24. Mangere	Existing
27/02/2020	51510749	Gravity Connection	PVC	100	Waste	Local	24. Mangere	Existing
27/02/2020	51510750	Gravity Connection	PVC	100	Waste	Local	24. Mangere	Existing
27/02/2020	51510751	Gravity Connection	PVC	100	Waste	Local	24. Mangere	Existing
27/02/2020	51510752	Gravity Connection	PVC	100	Waste	Local	24. Mangere	Existing
27/02/2020	51510753	Gravity Connection	PVC	100	Waste	Local	24. Mangere	Existing
27/02/2020	51510754	Gravity Connection	PVC	100	Waste	Local	24. Mangere	Existing
27/02/2020	51510755	Gravity Connection	PVC	100	Waste	Local	24. Mangere	Existing
27/02/2020	51510746	Gravity Connection	PVC	100	Waste	Local	24. Mangere	Existing
27/02/2020	51510747	Gravity Connection	PVC	100	Waste	Local	24. Mangere	Existing
27/02/2020	51510748	Gravity Connection	PVC	100	Waste	Local	24. Mangere	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
27/02/2020	51510749	Gravity Connection	PVC	100	Waste	Local	24. Mangere	Existing
27/02/2020	51510750	Gravity Connection	PVC	100	Waste	Local	24. Mangere	Existing
27/02/2020	51510751	Gravity Connection	PVC	100	Waste	Local	24. Mangere	Existing
27/02/2020	51510752	Gravity Connection	PVC	100	Waste	Local	24. Mangere	Existing
27/02/2020	51510753	Gravity Connection	PVC	100	Waste	Local	24. Mangere	Existing
27/02/2020	51510754	Gravity Connection	PVC	100	Waste	Local	24. Mangere	Existing
27/02/2020	51510755	Gravity Connection	PVC	100	Waste	Local	24. Mangere	Existing
1/07/2019	51308060	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
1/07/2019	51308061	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
1/07/2019	51308066	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
1/07/2019	51308060	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
1/07/2019	51308061	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
1/07/2019	51308066	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
2/07/2019	51468522	Gravity	PVC	150	Waste	Local	25. Lower Tamaki River	Existing
2/07/2019	51468526	Gravity	PVC	150	Waste	Local	25. Lower Tamaki River	Existing
2/07/2019	51468522	Gravity	PVC	150	Waste	Local	25. Lower Tamaki River	Existing
2/07/2019	51468526	Gravity	PVC	150	Waste	Local	25. Lower Tamaki River	Existing
2/07/2019	51468523	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
2/07/2019	51468523	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
10/07/2019	51483007	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
10/07/2019	51483010	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
10/07/2019	51483011	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
10/07/2019	51483012	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
10/07/2019	51483013	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
10/07/2019	51483014	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
10/07/2019	51483015	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
10/07/2019	51483016	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
10/07/2019	51483017	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
10/07/2019	51483018	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
10/07/2019	51483007	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
10/07/2019	51483010	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
10/07/2019	51483011	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
10/07/2019	51483012	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
10/07/2019	51483013	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
10/07/2019	51483014	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
10/07/2019	51483015	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
10/07/2019	51483016	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
10/07/2019	51483017	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
10/07/2019	51483018	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
12/07/2019	51309923	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
12/07/2019	51309925	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
12/07/2019	51309923	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
12/07/2019	51309925	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
17/07/2019	51305689	Gravity	PVC	150	Waste	Local	25. Lower Tamaki River	Existing
17/07/2019	51305690	Gravity	PE	180	Waste	Local	25. Lower Tamaki River	Existing
17/07/2019	51305689	Gravity	PVC	150	Waste	Local	25. Lower Tamaki River	Existing
17/07/2019	51305690	Gravity	PE	180	Waste	Local	25. Lower Tamaki River	Existing
17/07/2019	51305691	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
17/07/2019	51305692	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
17/07/2019	51305693	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
17/07/2019	51305694	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
17/07/2019	51305695	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
17/07/2019	51305696	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
17/07/2019	51305691	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
17/07/2019	51305692	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
17/07/2019	51305693	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
17/07/2019	51305694	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
17/07/2019	51305695	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
17/07/2019	51305696	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
18/07/2019	51462046	Gravity	PVC	150	Waste	Local	25. Lower Tamaki River	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
18/07/2019	51462046	Gravity	PVC	150	Waste	Local	25. Lower Tamaki River	Existing
18/07/2019	51462047	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
18/07/2019	51462048	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
18/07/2019	51462049	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
18/07/2019	51462050	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
18/07/2019	51462051	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
18/07/2019	51462052	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
18/07/2019	51462047	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
18/07/2019	51462048	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
18/07/2019	51462049	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
18/07/2019	51462050	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
18/07/2019	51462051	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
18/07/2019	51462052	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
26/07/2019	51447084	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
26/07/2019	51447085	Gravity Connection	PVC	150	Waste	Local	25. Lower Tamaki River	Existing
26/07/2019	51447086	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
26/07/2019	51447084	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
26/07/2019	51447085	Gravity Connection	PVC	150	Waste	Local	25. Lower Tamaki River	Existing
26/07/2019	51447086	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
31/07/2019	51453791	Gravity	PVC	150	Waste	Local	25. Lower Tamaki River	Existing
31/07/2019	51456143	Gravity	PVC	150	Waste	Local	25. Lower Tamaki River	Existing
31/07/2019	51456241	Gravity	PVC	150	Waste	Local	25. Lower Tamaki River	Existing
31/07/2019	51453791	Gravity	PVC	150	Waste	Local	25. Lower Tamaki River	Existing
31/07/2019	51456143	Gravity	PVC	150	Waste	Local	25. Lower Tamaki River	Existing
31/07/2019	51456241	Gravity	PVC	150	Waste	Local	25. Lower Tamaki River	Existing
31/07/2019	51456120	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
31/07/2019	51456123	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
31/07/2019	51456242	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
31/07/2019	51456243	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
31/07/2019	51456120	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
31/07/2019	51456123	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
31/07/2019	51456242	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
31/07/2019	51456243	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
6/08/2019	51469853	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
6/08/2019	51469853	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
8/08/2019	51466677	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
8/08/2019	51466678	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
8/08/2019	51466679	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
8/08/2019	51466680	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
8/08/2019	51466681	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
8/08/2019	51466682	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
8/08/2019	51466683	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
8/08/2019	51466684	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
8/08/2019	51466685	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
8/08/2019	51466686	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
8/08/2019	51466687	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
8/08/2019	51466688	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
8/08/2019	51466689	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
8/08/2019	51466690	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
8/08/2019	51466691	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
8/08/2019	51466692	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
8/08/2019	51466693	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
8/08/2019	51466694	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
8/08/2019	51466695	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
8/08/2019	51466696	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
8/08/2019	51466697	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
8/08/2019	51466698	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
8/08/2019	51466699	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
8/08/2019	51466700	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
8/08/2019	51466701	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
8/08/2019	51466705	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
8/08/2019	51466706	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
8/08/2019	51466707	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
8/08/2019	51466708	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
8/08/2019	51466710	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
8/08/2019	51466711	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
8/08/2019	51466712	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
8/08/2019	51466713	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
8/08/2019	51466715	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
8/08/2019	51466716	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
8/08/2019	51466717	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
8/08/2019	51466718	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
8/08/2019	51466719	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
8/08/2019	51466720	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
8/08/2019	51466721	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
8/08/2019	51466722	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
8/08/2019	51466677	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
8/08/2019	51466678	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
8/08/2019	51466679	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
8/08/2019	51466680	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
8/08/2019	51466681	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
8/08/2019	51466682	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
8/08/2019	51466683	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
8/08/2019	51466684	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
8/08/2019	51466685	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
8/08/2019	51466686	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
8/08/2019	51466687	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
8/08/2019	51466688	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
8/08/2019	51466689	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
8/08/2019	51466690	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
8/08/2019	51466691	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
8/08/2019	51466692	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
8/08/2019	51466693	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
8/08/2019	51466694	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
8/08/2019	51466695	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
8/08/2019	51466696	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
8/08/2019	51466697	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
8/08/2019	51466698	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
8/08/2019	51466699	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
8/08/2019	51466700	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
8/08/2019	51466701	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
8/08/2019	51466705	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
8/08/2019	51466706	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
8/08/2019	51466707	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
8/08/2019	51466708	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
8/08/2019	51466710	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
8/08/2019	51466711	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
8/08/2019	51466712	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
8/08/2019	51466713	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
8/08/2019	51466715	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
8/08/2019	51466716	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
8/08/2019	51466717	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
8/08/2019	51466718	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
8/08/2019	51466719	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
8/08/2019	51466720	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
8/08/2019	51466721	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
8/08/2019	51466722	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
16/08/2019	51454652	Gravity	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
16/08/2019	51454652	Gravity	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
16/08/2019	51454653	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
16/08/2019	51454653	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
19/08/2019	51462218	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
19/08/2019	51462219	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
19/08/2019	51462220	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
19/08/2019	51462218	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
19/08/2019	51462219	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
19/08/2019	51462220	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
20/08/2019	51472512	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
20/08/2019	51472513	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
20/08/2019	51472514	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
20/08/2019	51472515	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
20/08/2019	51472516	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
20/08/2019	51472517	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
20/08/2019	51472518	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
20/08/2019	51472519	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
20/08/2019	51472520	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
20/08/2019	51472521	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
20/08/2019	51472522	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
20/08/2019	51472523	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
20/08/2019	51472524	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
20/08/2019	51472525	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
20/08/2019	51472526	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
20/08/2019	51472527	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
20/08/2019	51472528	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
20/08/2019	51472529	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
20/08/2019	51472530	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
20/08/2019	51472531	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
20/08/2019	51472512	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
20/08/2019	51472513	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
20/08/2019	51472514	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
20/08/2019	51472515	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
20/08/2019	51472516	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
20/08/2019	51472517	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
20/08/2019	51472518	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
20/08/2019	51472519	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
20/08/2019	51472520	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
20/08/2019	51472521	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
20/08/2019	51472522	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
20/08/2019	51472523	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
20/08/2019	51472524	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
20/08/2019	51472525	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
20/08/2019	51472526	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
20/08/2019	51472527	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
20/08/2019	51472528	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
20/08/2019	51472529	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
20/08/2019	51472530	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
20/08/2019	51472531	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
22/08/2019	51466752	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
22/08/2019	51466758	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
22/08/2019	51466759	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
22/08/2019	51466760	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
22/08/2019	51466761	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
22/08/2019	51466762	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
22/08/2019	51466752	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
22/08/2019	51466758	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
22/08/2019	51466759	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
22/08/2019	51466760	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
22/08/2019	51466761	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
22/08/2019	51466762	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
23/08/2019	51467043	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
23/08/2019	51467043	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
28/08/2019	51499994	Gravity	PVC	150	Waste	Local	25. Lower Tamaki River	Existing
28/08/2019	51499994	Gravity	PVC	150	Waste	Local	25. Lower Tamaki River	Existing
28/08/2019	51499995	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
28/08/2019	51499996	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
28/08/2019	51499997	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
28/08/2019	51499999	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
28/08/2019	51499995	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
28/08/2019	51499996	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
28/08/2019	51499997	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
28/08/2019	51499999	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
30/08/2019	51468755	Gravity	CLS	150	Waste	Local	25. Lower Tamaki River	Existing
30/08/2019	51468755	Gravity	CLS	150	Waste	Local	25. Lower Tamaki River	Existing
30/08/2019	51468766	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
30/08/2019	51468768	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
30/08/2019	51468771	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
30/08/2019	51468766	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
30/08/2019	51468768	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
30/08/2019	51468771	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
13/09/2019	51502783	Gravity	PVC	150	Waste	Local	25. Lower Tamaki River	Existing
13/09/2019	51502783	Gravity	PVC	150	Waste	Local	25. Lower Tamaki River	Existing
13/09/2019	51471421	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
13/09/2019	51502250	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
13/09/2019	51502251	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
13/09/2019	51502252	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
13/09/2019	51471421	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
13/09/2019	51502250	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
13/09/2019	51502251	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
13/09/2019	51502252	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
19/09/2019	51471419	Gravity	PVC	100	Waste	Local	25. Lower Tamaki River	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
19/09/2019	51471419	Gravity	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
19/09/2019	51471420	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
19/09/2019	51471420	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
23/09/2019	51475764	Gravity	PVC	150	Waste	Local	25. Lower Tamaki River	Existing
23/09/2019	51475764	Gravity	PVC	150	Waste	Local	25. Lower Tamaki River	Existing
23/09/2019	51446999	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
23/09/2019	51447000	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
23/09/2019	51475765	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
23/09/2019	51475766	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
23/09/2019	51446999	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
23/09/2019	51447000	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
23/09/2019	51475765	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
23/09/2019	51475766	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
25/09/2019	51360285	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
25/09/2019	51360286	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
25/09/2019	51360287	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
25/09/2019	51360288	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
25/09/2019	51360290	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
25/09/2019	51360292	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
25/09/2019	51497228	Gravity Connection	PVC	150	Waste	Local	25. Lower Tamaki River	Existing
25/09/2019	51360285	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
25/09/2019	51360286	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
25/09/2019	51360287	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
25/09/2019	51360288	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
25/09/2019	51360290	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
25/09/2019	51360292	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
25/09/2019	51497228	Gravity Connection	PVC	150	Waste	Local	25. Lower Tamaki River	Existing
11/10/2019	51496995	Gravity	PVC	150	Waste	Local	25. Lower Tamaki River	Existing
11/10/2019	51496996	Gravity	PVC	150	Waste	Local	25. Lower Tamaki River	Existing
11/10/2019	51496997	Gravity	PVC	150	Waste	Local	25. Lower Tamaki River	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
11/10/2019	51496995	Gravity	PVC	150	Waste	Local	25. Lower Tamaki River	Existing
11/10/2019	51496996	Gravity	PVC	150	Waste	Local	25. Lower Tamaki River	Existing
11/10/2019	51496997	Gravity	PVC	150	Waste	Local	25. Lower Tamaki River	Existing
11/10/2019	51497002	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
11/10/2019	51497002	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
15/10/2019	51474885	Gravity	PVC	150	Waste	Local	25. Lower Tamaki River	Existing
15/10/2019	51474888	Gravity	PVC	150	Waste	Local	25. Lower Tamaki River	Existing
15/10/2019	51474890	Gravity	PVC	150	Waste	Local	25. Lower Tamaki River	Existing
15/10/2019	51501451	Gravity	PVC	150	Waste	Local	25. Lower Tamaki River	Existing
15/10/2019	51474885	Gravity	PVC	150	Waste	Local	25. Lower Tamaki River	Existing
15/10/2019	51474888	Gravity	PVC	150	Waste	Local	25. Lower Tamaki River	Existing
15/10/2019	51474890	Gravity	PVC	150	Waste	Local	25. Lower Tamaki River	Existing
15/10/2019	51501451	Gravity	PVC	150	Waste	Local	25. Lower Tamaki River	Existing
15/10/2019	51474891	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
15/10/2019	51474892	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
15/10/2019	51474893	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
15/10/2019	51474894	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
15/10/2019	51474895	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
15/10/2019	51474897	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
15/10/2019	51474898	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
15/10/2019	51474899	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
15/10/2019	51474900	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
15/10/2019	51474901	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
15/10/2019	51474902	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
15/10/2019	51474903	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
15/10/2019	51474904	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
15/10/2019	51474905	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
15/10/2019	51474906	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
15/10/2019	51474908	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
15/10/2019	51474909	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
15/10/2019	51474910	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
15/10/2019	51474911	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
15/10/2019	51474912	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
15/10/2019	51474913	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
15/10/2019	51501448	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
15/10/2019	51501449	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
15/10/2019	51501452	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
15/10/2019	51501453	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
15/10/2019	51501454	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
15/10/2019	51501455	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
15/10/2019	51474891	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
15/10/2019	51474892	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
15/10/2019	51474893	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
15/10/2019	51474894	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
15/10/2019	51474895	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
15/10/2019	51474897	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
15/10/2019	51474898	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
15/10/2019	51474899	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
15/10/2019	51474900	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
15/10/2019	51474901	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
15/10/2019	51474902	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
15/10/2019	51474903	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
15/10/2019	51474904	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
15/10/2019	51474905	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
15/10/2019	51474906	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
15/10/2019	51474908	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
15/10/2019	51474909	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
15/10/2019	51474910	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
15/10/2019	51474911	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
15/10/2019	51474912	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
15/10/2019	51474913	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
15/10/2019	51501448	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
15/10/2019	51501449	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
15/10/2019	51501452	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
15/10/2019	51501453	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
15/10/2019	51501454	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
15/10/2019	51501455	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
27/10/2019	51501998	Gravity	PVC	150	Waste	Local	25. Lower Tamaki River	Existing
27/10/2019	51501999	Gravity	PVC	150	Waste	Local	25. Lower Tamaki River	Existing
27/10/2019	51501998	Gravity	PVC	150	Waste	Local	25. Lower Tamaki River	Existing
27/10/2019	51501999	Gravity	PVC	150	Waste	Local	25. Lower Tamaki River	Existing
27/10/2019	51502000	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
27/10/2019	51502001	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
27/10/2019	51502003	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
27/10/2019	51502004	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
27/10/2019	51502005	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
27/10/2019	51502006	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
27/10/2019	51502000	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
27/10/2019	51502001	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
27/10/2019	51502003	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
27/10/2019	51502004	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
27/10/2019	51502005	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
27/10/2019	51502006	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
29/10/2019	51492394	Gravity	PVC	150	Waste	Local	25. Lower Tamaki River	Existing
29/10/2019	51492394	Gravity	PVC	150	Waste	Local	25. Lower Tamaki River	Existing
29/10/2019	51492395	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
29/10/2019	51505079	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
29/10/2019	51505081	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
29/10/2019	51492395	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
29/10/2019	51505079	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
29/10/2019	51505081	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
5/11/2019	51496779	Gravity	PVC	150	Waste	Local	25. Lower Tamaki River	Existing
5/11/2019	51496780	Gravity	PVC	150	Waste	Local	25. Lower Tamaki River	Existing
5/11/2019	51496781	Gravity	PVC	150	Waste	Local	25. Lower Tamaki River	Existing
5/11/2019	51496784	Gravity	PVC	150	Waste	Local	25. Lower Tamaki River	Existing
5/11/2019	51496785	Gravity	PVC	150	Waste	Local	25. Lower Tamaki River	Existing
5/11/2019	51496826	Gravity	PVC	150	Waste	Local	25. Lower Tamaki River	Existing
5/11/2019	51496829	Gravity	PVC	150	Waste	Local	25. Lower Tamaki River	Existing
5/11/2019	51496830	Gravity	PVC	150	Waste	Local	25. Lower Tamaki River	Existing
5/11/2019	51496779	Gravity	PVC	150	Waste	Local	25. Lower Tamaki River	Existing
5/11/2019	51496780	Gravity	PVC	150	Waste	Local	25. Lower Tamaki River	Existing
5/11/2019	51496781	Gravity	PVC	150	Waste	Local	25. Lower Tamaki River	Existing
5/11/2019	51496784	Gravity	PVC	150	Waste	Local	25. Lower Tamaki River	Existing
5/11/2019	51496785	Gravity	PVC	150	Waste	Local	25. Lower Tamaki River	Existing
5/11/2019	51496826	Gravity	PVC	150	Waste	Local	25. Lower Tamaki River	Existing
5/11/2019	51496829	Gravity	PVC	150	Waste	Local	25. Lower Tamaki River	Existing
5/11/2019	51496830	Gravity	PVC	150	Waste	Local	25. Lower Tamaki River	Existing
5/11/2019	51496847	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
5/11/2019	51496850	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
5/11/2019	51496851	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
5/11/2019	51496854	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
5/11/2019	51496856	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
5/11/2019	51496860	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
5/11/2019	51496861	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
5/11/2019	51496863	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
5/11/2019	51496865	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
5/11/2019	51496867	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
5/11/2019	51496868	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
5/11/2019	51496869	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
5/11/2019	51496870	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
5/11/2019	51496871	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
5/11/2019	51496872	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
5/11/2019	51496873	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
5/11/2019	51496874	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
5/11/2019	51496875	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
5/11/2019	51496876	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
5/11/2019	51496847	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
5/11/2019	51496850	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
5/11/2019	51496851	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
5/11/2019	51496854	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
5/11/2019	51496856	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
5/11/2019	51496860	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
5/11/2019	51496861	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
5/11/2019	51496863	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
5/11/2019	51496865	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
5/11/2019	51496867	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
5/11/2019	51496868	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
5/11/2019	51496869	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
5/11/2019	51496870	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
5/11/2019	51496871	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
5/11/2019	51496872	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
5/11/2019	51496873	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
5/11/2019	51496874	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
5/11/2019	51496875	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
5/11/2019	51496876	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
13/11/2019	51501863	Gravity	PVC	150	Waste	Local	25. Lower Tamaki River	Existing
13/11/2019	51501863	Gravity	PVC	150	Waste	Local	25. Lower Tamaki River	Existing
13/11/2019	51501865	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
13/11/2019	51501866	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
13/11/2019	51501865	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
13/11/2019	51501866	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
14/11/2019	51501869	Gravity	PVC	110	Waste	Local	25. Lower Tamaki River	Existing
14/11/2019	51501869	Gravity	PVC	110	Waste	Local	25. Lower Tamaki River	Existing
14/11/2019	51501870	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
14/11/2019	51501870	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
19/11/2019	51501498	Gravity	PVC	150	Waste	Local	25. Lower Tamaki River	Existing
19/11/2019	51501499	Gravity	PVC	150	Waste	Local	25. Lower Tamaki River	Existing
19/11/2019	51501498	Gravity	PVC	150	Waste	Local	25. Lower Tamaki River	Existing
19/11/2019	51501499	Gravity	PVC	150	Waste	Local	25. Lower Tamaki River	Existing
19/11/2019	51501500	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
19/11/2019	51501501	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
19/11/2019	51501500	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
19/11/2019	51501501	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
25/11/2019	51492701	Gravity	PVC	150	Waste	Local	25. Lower Tamaki River	Existing
25/11/2019	51492703	Gravity	PVC	150	Waste	Local	25. Lower Tamaki River	Existing
25/11/2019	51499969	Gravity	PVC	150	Waste	Local	25. Lower Tamaki River	Existing
25/11/2019	51499975	Gravity	PVC	150	Waste	Local	25. Lower Tamaki River	Existing
25/11/2019	51492701	Gravity	PVC	150	Waste	Local	25. Lower Tamaki River	Existing
25/11/2019	51492703	Gravity	PVC	150	Waste	Local	25. Lower Tamaki River	Existing
25/11/2019	51499969	Gravity	PVC	150	Waste	Local	25. Lower Tamaki River	Existing
25/11/2019	51499975	Gravity	PVC	150	Waste	Local	25. Lower Tamaki River	Existing
25/11/2019	51492704	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
25/11/2019	51492705	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
25/11/2019	51492706	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
25/11/2019	51499970	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
25/11/2019	51499971	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
25/11/2019	51499972	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
25/11/2019	51499973	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
25/11/2019	51492704	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
25/11/2019	51492705	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
25/11/2019	51492706	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
25/11/2019	51499970	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
25/11/2019	51499971	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
25/11/2019	51499972	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
25/11/2019	51499973	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
19/12/2019	51503318	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
19/12/2019	51503319	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
19/12/2019	51503320	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
19/12/2019	51503321	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
19/12/2019	51503318	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
19/12/2019	51503319	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
19/12/2019	51503320	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
19/12/2019	51503321	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
10/01/2020	51507187	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
10/01/2020	51507188	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
10/01/2020	51507187	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
10/01/2020	51507188	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
28/01/2020	51516962	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
28/01/2020	51516964	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
28/01/2020	51516962	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
28/01/2020	51516964	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
3/02/2020	51518182	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
3/02/2020	51518183	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
3/02/2020	51518184	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
3/02/2020	51518182	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
3/02/2020	51518183	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
3/02/2020	51518184	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
7/02/2020	51507103	Gravity	PVC	150	Waste	Local	25. Lower Tamaki River	Existing
7/02/2020	51507104	Gravity	PE	180	Waste	Local	25. Lower Tamaki River	Existing
7/02/2020	51507103	Gravity	PVC	150	Waste	Local	25. Lower Tamaki River	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
7/02/2020	51507104	Gravity	PE	180	Waste	Local	25. Lower Tamaki River	Existing
7/02/2020	51507105	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
7/02/2020	51507106	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
7/02/2020	51507105	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
7/02/2020	51507106	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
11/02/2020	51503413	Gravity	PVC	150	Waste	Local	25. Lower Tamaki River	Existing
11/02/2020	51503414	Gravity	PVC	150	Waste	Local	25. Lower Tamaki River	Existing
11/02/2020	51503413	Gravity	PVC	150	Waste	Local	25. Lower Tamaki River	Existing
11/02/2020	51503414	Gravity	PVC	150	Waste	Local	25. Lower Tamaki River	Existing
11/02/2020	51503415	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
11/02/2020	51503416	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
11/02/2020	51503417	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
11/02/2020	51503418	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
11/02/2020	51503419	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
11/02/2020	51503415	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
11/02/2020	51503416	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
11/02/2020	51503417	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
11/02/2020	51503418	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
11/02/2020	51503419	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
26/02/2020	51510076	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
26/02/2020	51510077	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
26/02/2020	51510076	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
26/02/2020	51510077	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
2/03/2020	51510381	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
2/03/2020	51510382	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
2/03/2020	51510383	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
2/03/2020	51510384	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
2/03/2020	51510381	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
2/03/2020	51510382	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
2/03/2020	51510383	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
2/03/2020	51510384	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
20/03/2020	51510214	Gravity	PVC	150	Waste	Local	25. Lower Tamaki River	Existing
20/03/2020	51510210	Gravity	PVC	150	Waste	Local	25. Lower Tamaki River	Existing
20/03/2020	51510214	Gravity	PVC	150	Waste	Local	25. Lower Tamaki River	Existing
20/03/2020	51510210	Gravity	PVC	150	Waste	Local	25. Lower Tamaki River	Existing
20/03/2020	51510212	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
20/03/2020	51510215	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
20/03/2020	51510212	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
20/03/2020	51510215	Gravity Connection	PVC	100	Waste	Local	25. Lower Tamaki River	Existing
1/07/2019	51492937	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
1/07/2019	51492938	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
1/07/2019	51492939	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
1/07/2019	51492937	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
1/07/2019	51492938	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
1/07/2019	51492939	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
2/07/2019	51475013	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
2/07/2019	51475015	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
2/07/2019	51475017	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
2/07/2019	51475018	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
2/07/2019	51475028	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
2/07/2019	51475040	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
2/07/2019	51475042	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
2/07/2019	51475044	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
2/07/2019	51475073	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
2/07/2019	51475075	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
2/07/2019	51475077	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
2/07/2019	51475086	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
2/07/2019	51475096	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
2/07/2019	51475098	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
2/07/2019	51475100	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
2/07/2019	51475145	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
2/07/2019	51475146	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
2/07/2019	51475149	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
2/07/2019	51475160	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
2/07/2019	51475162	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
2/07/2019	51475164	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
2/07/2019	51475176	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
2/07/2019	51475013	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
2/07/2019	51475015	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
2/07/2019	51475017	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
2/07/2019	51475018	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
2/07/2019	51475028	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
2/07/2019	51475040	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
2/07/2019	51475042	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
2/07/2019	51475044	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
2/07/2019	51475073	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
2/07/2019	51475075	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
2/07/2019	51475077	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
2/07/2019	51475086	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
2/07/2019	51475096	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
2/07/2019	51475098	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
2/07/2019	51475100	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
2/07/2019	51475145	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
2/07/2019	51475146	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
2/07/2019	51475149	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
2/07/2019	51475160	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
2/07/2019	51475162	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
2/07/2019	51475164	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
2/07/2019	51475176	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
2/07/2019	51475045	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
2/07/2019	51475046	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
2/07/2019	51475047	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
2/07/2019	51475048	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
2/07/2019	51475049	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
2/07/2019	51475050	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
2/07/2019	51475052	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
2/07/2019	51475054	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
2/07/2019	51475055	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
2/07/2019	51475056	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
2/07/2019	51475057	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
2/07/2019	51475058	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
2/07/2019	51475059	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
2/07/2019	51475061	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
2/07/2019	51475062	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
2/07/2019	51475063	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
2/07/2019	51475064	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
2/07/2019	51475065	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
2/07/2019	51475066	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
2/07/2019	51475067	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
2/07/2019	51475068	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
2/07/2019	51475069	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
2/07/2019	51475071	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
2/07/2019	51475078	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
2/07/2019	51475079	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
2/07/2019	51475080	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
2/07/2019	51475081	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
2/07/2019	51475082	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
2/07/2019	51475083	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
2/07/2019	51475087	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
2/07/2019	51475088	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
2/07/2019	51475089	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
2/07/2019	51475090	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
2/07/2019	51475092	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
2/07/2019	51475118	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
2/07/2019	51475120	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
2/07/2019	51475122	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
2/07/2019	51475124	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
2/07/2019	51475126	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
2/07/2019	51475128	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
2/07/2019	51475129	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
2/07/2019	51475130	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
2/07/2019	51475131	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
2/07/2019	51475150	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
2/07/2019	51475151	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
2/07/2019	51475152	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
2/07/2019	51475153	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
2/07/2019	51475154	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
2/07/2019	51475155	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
2/07/2019	51475156	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
2/07/2019	51475157	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
2/07/2019	51475166	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
2/07/2019	51475167	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
2/07/2019	51475168	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
2/07/2019	51475169	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
2/07/2019	51475170	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
2/07/2019	51475171	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
2/07/2019	51475172	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
2/07/2019	51475173	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
2/07/2019	51475174	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
2/07/2019	51475175	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
2/07/2019	51475045	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
2/07/2019	51475046	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
2/07/2019	51475047	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
2/07/2019	51475048	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
2/07/2019	51475049	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
2/07/2019	51475050	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
2/07/2019	51475052	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
2/07/2019	51475054	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
2/07/2019	51475055	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
2/07/2019	51475056	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
2/07/2019	51475057	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
2/07/2019	51475058	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
2/07/2019	51475059	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
2/07/2019	51475061	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
2/07/2019	51475062	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
2/07/2019	51475063	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
2/07/2019	51475064	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
2/07/2019	51475065	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
2/07/2019	51475066	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
2/07/2019	51475067	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
2/07/2019	51475068	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
2/07/2019	51475069	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
2/07/2019	51475071	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
2/07/2019	51475078	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
2/07/2019	51475079	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
2/07/2019	51475080	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
2/07/2019	51475081	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
2/07/2019	51475082	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
2/07/2019	51475083	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
2/07/2019	51475087	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
2/07/2019	51475088	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
2/07/2019	51475089	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
2/07/2019	51475090	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
2/07/2019	51475092	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
2/07/2019	51475118	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
2/07/2019	51475120	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
2/07/2019	51475122	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
2/07/2019	51475124	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
2/07/2019	51475126	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
2/07/2019	51475128	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
2/07/2019	51475129	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
2/07/2019	51475130	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
2/07/2019	51475131	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
2/07/2019	51475150	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
2/07/2019	51475151	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
2/07/2019	51475152	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
2/07/2019	51475153	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
2/07/2019	51475154	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
2/07/2019	51475155	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
2/07/2019	51475156	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
2/07/2019	51475157	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
2/07/2019	51475166	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
2/07/2019	51475167	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
2/07/2019	51475168	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
2/07/2019	51475169	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
2/07/2019	51475170	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
2/07/2019	51475171	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
2/07/2019	51475172	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
2/07/2019	51475173	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
2/07/2019	51475174	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
2/07/2019	51475175	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
3/07/2019	51453735	Gravity Connection	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
3/07/2019	51453735	Gravity Connection	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
4/07/2019	51297120	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
4/07/2019	51297121	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
4/07/2019	51297123	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
4/07/2019	51297120	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
4/07/2019	51297121	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
4/07/2019	51297123	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
5/07/2019	51307681	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
5/07/2019	51307682	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
5/07/2019	51307683	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
5/07/2019	51307681	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
5/07/2019	51307682	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
5/07/2019	51307683	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
8/07/2019	51306057	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
8/07/2019	51308979	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
8/07/2019	51306057	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
8/07/2019	51308979	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
8/07/2019	51306061	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
8/07/2019	51306062	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
8/07/2019	51306063	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
8/07/2019	51308980	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
8/07/2019	51496934	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
8/07/2019	51496935	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
8/07/2019	51306061	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
8/07/2019	51306062	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
8/07/2019	51306063	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
8/07/2019	51308980	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
8/07/2019	51496934	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
8/07/2019	51496935	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
10/07/2019	51298986	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
10/07/2019	51298987	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
10/07/2019	51306025	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
10/07/2019	51306026	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
10/07/2019	51298986	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
10/07/2019	51298987	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
10/07/2019	51306025	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
10/07/2019	51306026	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
10/07/2019	51298988	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
10/07/2019	51298989	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
10/07/2019	51298990	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
10/07/2019	51298991	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
10/07/2019	51298992	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
10/07/2019	51306028	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
10/07/2019	51306029	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
10/07/2019	51306031	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
10/07/2019	51306032	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
10/07/2019	51306033	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
10/07/2019	51468501	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
10/07/2019	51298988	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
10/07/2019	51298989	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
10/07/2019	51298990	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
10/07/2019	51298991	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
10/07/2019	51298992	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
10/07/2019	51306028	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
10/07/2019	51306029	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
10/07/2019	51306031	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
10/07/2019	51306032	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
10/07/2019	51306033	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
10/07/2019	51468501	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
17/07/2019	51305732	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
17/07/2019	51305732	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
17/07/2019	51305733	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
17/07/2019	51305734	Gravity Connection	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
17/07/2019	51305735	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
17/07/2019	51305736	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
17/07/2019	51305733	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
17/07/2019	51305734	Gravity Connection	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
17/07/2019	51305735	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
17/07/2019	51305736	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
18/07/2019	51312353	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
18/07/2019	51312353	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
18/07/2019	51310378	Gravity Connection	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
18/07/2019	51310380	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
18/07/2019	51311689	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
18/07/2019	51312357	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
18/07/2019	51312356	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
18/07/2019	51312355	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
18/07/2019	51312354	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
18/07/2019	51310378	Gravity Connection	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
18/07/2019	51310380	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
18/07/2019	51311689	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
18/07/2019	51312357	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
18/07/2019	51312356	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
18/07/2019	51312355	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
18/07/2019	51312354	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
19/07/2019	51455801	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
19/07/2019	51455808	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
19/07/2019	51455827	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
19/07/2019	51455829	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
19/07/2019	51455848	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
19/07/2019	51455853	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
19/07/2019	51455854	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
19/07/2019	51456022	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
19/07/2019	51455801	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
19/07/2019	51455808	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
19/07/2019	51455827	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
19/07/2019	51455829	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
19/07/2019	51455848	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
19/07/2019	51455853	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
19/07/2019	51455854	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
19/07/2019	51456022	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
19/07/2019	51455830	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
19/07/2019	51455832	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
19/07/2019	51455833	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
19/07/2019	51455834	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
19/07/2019	51455835	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
19/07/2019	51455844	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
19/07/2019	51455849	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
19/07/2019	51455850	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
19/07/2019	51455851	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
19/07/2019	51455855	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
19/07/2019	51455856	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
19/07/2019	51455857	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
19/07/2019	51455858	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
19/07/2019	51455859	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
19/07/2019	51455860	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
19/07/2019	51455862	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
19/07/2019	51455863	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
19/07/2019	51455864	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
19/07/2019	51455865	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
19/07/2019	51455866	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
19/07/2019	51455869	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
19/07/2019	51455874	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
19/07/2019	51455875	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
19/07/2019	51455876	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
19/07/2019	51455877	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
19/07/2019	51455879	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
19/07/2019	51455881	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
19/07/2019	51455882	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
19/07/2019	51455883	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
19/07/2019	51455885	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
19/07/2019	51455887	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
19/07/2019	51455830	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
19/07/2019	51455832	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
19/07/2019	51455833	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
19/07/2019	51455834	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
19/07/2019	51455835	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
19/07/2019	51455844	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
19/07/2019	51455849	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
19/07/2019	51455850	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
19/07/2019	51455851	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
19/07/2019	51455855	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
19/07/2019	51455856	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
19/07/2019	51455857	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
19/07/2019	51455858	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
19/07/2019	51455859	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
19/07/2019	51455860	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
19/07/2019	51455862	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
19/07/2019	51455863	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
19/07/2019	51455864	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
19/07/2019	51455865	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
19/07/2019	51455866	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
19/07/2019	51455869	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
19/07/2019	51455874	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
19/07/2019	51455875	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
19/07/2019	51455876	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
19/07/2019	51455877	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
19/07/2019	51455879	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
19/07/2019	51455881	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
19/07/2019	51455882	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
19/07/2019	51455883	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
19/07/2019	51455885	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
19/07/2019	51455887	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
20/07/2019	51467044	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
20/07/2019	51467044	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
20/07/2019	51467050	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
20/07/2019	51467051	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
20/07/2019	51467052	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
20/07/2019	51467050	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
20/07/2019	51467051	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
20/07/2019	51467052	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
23/07/2019	51502540	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
23/07/2019	51502540	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
23/07/2019	51502541	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
23/07/2019	51502542	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
23/07/2019	51502541	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
23/07/2019	51502542	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
29/07/2019	51299072	Gravity	PE	180	Waste	Local	26. Upper Tamaki River	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
29/07/2019	51299075	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
29/07/2019	51299072	Gravity	PE	180	Waste	Local	26. Upper Tamaki River	Existing
29/07/2019	51299075	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
29/07/2019	51299076	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
29/07/2019	51299077	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
29/07/2019	51299078	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
29/07/2019	51299079	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
29/07/2019	51299080	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
29/07/2019	51299081	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
29/07/2019	51299082	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
29/07/2019	51299083	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
29/07/2019	51299076	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
29/07/2019	51299077	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
29/07/2019	51299078	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
29/07/2019	51299079	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
29/07/2019	51299080	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
29/07/2019	51299081	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
29/07/2019	51299082	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
29/07/2019	51299083	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
30/07/2019	51312840	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
30/07/2019	51312841	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
30/07/2019	51312842	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
30/07/2019	51312843	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
30/07/2019	51312844	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
30/07/2019	51312845	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
30/07/2019	51312846	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
30/07/2019	51312847	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
30/07/2019	51312848	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
30/07/2019	51312849	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
30/07/2019	51312850	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
30/07/2019	51312851	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
30/07/2019	51312840	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
30/07/2019	51312841	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
30/07/2019	51312842	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
30/07/2019	51312843	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
30/07/2019	51312844	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
30/07/2019	51312845	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
30/07/2019	51312846	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
30/07/2019	51312847	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
30/07/2019	51312848	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
30/07/2019	51312849	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
30/07/2019	51312850	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
30/07/2019	51312851	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
1/08/2019	51468627	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
1/08/2019	51468627	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
6/08/2019	51305673	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
6/08/2019	51305674	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
6/08/2019	51305675	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
6/08/2019	51305673	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
6/08/2019	51305674	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
6/08/2019	51305675	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
6/08/2019	51305677	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
6/08/2019	51305678	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
6/08/2019	51305679	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
6/08/2019	51305680	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
6/08/2019	51305681	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
6/08/2019	51305682	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
6/08/2019	51305683	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
6/08/2019	51305684	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
6/08/2019	51305677	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
6/08/2019	51305678	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
6/08/2019	51305679	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
6/08/2019	51305680	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
6/08/2019	51305681	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
6/08/2019	51305682	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
6/08/2019	51305683	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
6/08/2019	51305684	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
7/08/2019	51453695	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
7/08/2019	51453696	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
7/08/2019	51453695	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
7/08/2019	51453696	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
9/08/2019	51307564	Gravity	PE	125	Waste	Local	26. Upper Tamaki River	Existing
9/08/2019	51307566	Gravity	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
9/08/2019	51307564	Gravity	PE	125	Waste	Local	26. Upper Tamaki River	Existing
9/08/2019	51307566	Gravity	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
9/08/2019	51307567	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
9/08/2019	51307568	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
9/08/2019	51307569	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
9/08/2019	51307567	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
9/08/2019	51307568	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
9/08/2019	51307569	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
13/08/2019	51456211	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
13/08/2019	51456211	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
13/08/2019	51456212	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
13/08/2019	51456213	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
13/08/2019	51456998	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
13/08/2019	51456212	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
13/08/2019	51456213	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
13/08/2019	51456998	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
22/08/2019	51305348	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
22/08/2019	51305348	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
22/08/2019	51305350	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
22/08/2019	51305351	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
22/08/2019	51305352	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
22/08/2019	51305353	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
22/08/2019	51305354	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
22/08/2019	51305350	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
22/08/2019	51305351	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
22/08/2019	51305352	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
22/08/2019	51305353	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
22/08/2019	51305354	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
28/08/2019	51467127	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
28/08/2019	51467128	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
28/08/2019	51467127	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
28/08/2019	51467128	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
29/08/2019	51312823	Gravity Connection	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
29/08/2019	51472813	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
29/08/2019	51472814	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
29/08/2019	51472815	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
29/08/2019	51472816	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
29/08/2019	51472817	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
29/08/2019	51312823	Gravity Connection	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
29/08/2019	51472813	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
29/08/2019	51472814	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
29/08/2019	51472815	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
29/08/2019	51472816	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
29/08/2019	51472817	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
30/08/2019	51492423	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
30/08/2019	51492424	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
30/08/2019	51492446	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
30/08/2019	51492443	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
30/08/2019	51492426	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
30/08/2019	51492425	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
30/08/2019	51492427	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
30/08/2019	51492428	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
30/08/2019	51492444	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
30/08/2019	51492429	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
30/08/2019	51492430	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
30/08/2019	51492431	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
30/08/2019	51492432	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
30/08/2019	51492433	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
30/08/2019	51492434	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
30/08/2019	51492435	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
30/08/2019	51492436	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
30/08/2019	51492437	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
30/08/2019	51492438	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
30/08/2019	51492439	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
30/08/2019	51492440	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
30/08/2019	51492441	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
30/08/2019	51492442	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
30/08/2019	51492447	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
30/08/2019	51492423	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
30/08/2019	51492424	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
30/08/2019	51492446	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
30/08/2019	51492443	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
30/08/2019	51492426	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
30/08/2019	51492425	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
30/08/2019	51492427	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
30/08/2019	51492428	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
30/08/2019	51492444	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
30/08/2019	51492429	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
30/08/2019	51492430	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
30/08/2019	51492431	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
30/08/2019	51492432	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
30/08/2019	51492433	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
30/08/2019	51492434	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
30/08/2019	51492435	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
30/08/2019	51492436	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
30/08/2019	51492437	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
30/08/2019	51492438	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
30/08/2019	51492439	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
30/08/2019	51492440	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
30/08/2019	51492441	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
30/08/2019	51492442	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
30/08/2019	51492447	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
31/08/2019	51467092	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
31/08/2019	51467093	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
31/08/2019	51467094	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
31/08/2019	51467092	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
31/08/2019	51467093	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
31/08/2019	51467094	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
3/09/2019	51460324	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
3/09/2019	51460325	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
3/09/2019	51460326	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
3/09/2019	51460327	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
3/09/2019	51460328	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
3/09/2019	51460329	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
3/09/2019	51460324	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
3/09/2019	51460325	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
3/09/2019	51460326	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
3/09/2019	51460327	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
3/09/2019	51460328	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
3/09/2019	51460329	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
9/09/2019	51468464	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
9/09/2019	51468464	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
9/09/2019	51468465	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
9/09/2019	51468467	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
9/09/2019	51468465	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
9/09/2019	51468467	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
11/09/2019	51479837	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
11/09/2019	51479838	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
11/09/2019	51479839	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
11/09/2019	51479840	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
11/09/2019	51479837	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
11/09/2019	51479838	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
11/09/2019	51479839	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
11/09/2019	51479840	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
17/09/2019	51447027	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
17/09/2019	51479873	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
17/09/2019	51447027	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
17/09/2019	51479873	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
17/09/2019	51447028	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
17/09/2019	51447029	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
17/09/2019	51447030	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
17/09/2019	51479875	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
17/09/2019	51479876	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
17/09/2019	51447028	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
17/09/2019	51447029	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
17/09/2019	51447030	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
17/09/2019	51479875	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
17/09/2019	51479876	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
18/09/2019	51447113	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
18/09/2019	51447113	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
18/09/2019	51447114	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
18/09/2019	51447115	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
18/09/2019	51467564	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
18/09/2019	51467565	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
18/09/2019	51447114	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
18/09/2019	51447115	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
18/09/2019	51467564	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
18/09/2019	51467565	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
22/09/2019	51462323	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
22/09/2019	51462324	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
22/09/2019	51462323	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
22/09/2019	51462324	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
23/09/2019	51496961	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
23/09/2019	51496961	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
23/09/2019	51496963	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
23/09/2019	51496964	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
23/09/2019	51496965	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
23/09/2019	51496966	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
23/09/2019	51496967	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
23/09/2019	51496963	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
23/09/2019	51496964	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
23/09/2019	51496965	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
23/09/2019	51496966	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
23/09/2019	51496967	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
24/09/2019	51472683	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
24/09/2019	51472683	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
24/09/2019	51472684	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
24/09/2019	51472686	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
24/09/2019	51485206	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
24/09/2019	51485207	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
24/09/2019	51485208	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
24/09/2019	51485209	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
24/09/2019	51485210	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
24/09/2019	51485211	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
24/09/2019	51485212	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
24/09/2019	51485213	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
24/09/2019	51485214	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
24/09/2019	51485215	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
24/09/2019	51485216	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
24/09/2019	51485217	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
24/09/2019	51472684	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
24/09/2019	51472686	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
24/09/2019	51485206	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
24/09/2019	51485207	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
24/09/2019	51485208	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
24/09/2019	51485209	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
24/09/2019	51485210	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
24/09/2019	51485211	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
24/09/2019	51485212	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
24/09/2019	51485213	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
24/09/2019	51485214	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
24/09/2019	51485215	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
24/09/2019	51485216	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
24/09/2019	51485217	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
26/09/2019	51469693	Gravity Connection	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
26/09/2019	51469693	Gravity Connection	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
27/09/2019	51469684	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
27/09/2019	51469688	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
27/09/2019	51469684	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
27/09/2019	51469688	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
30/09/2019	51476693	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
30/09/2019	51476695	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
30/09/2019	51483073	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
30/09/2019	51483075	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
30/09/2019	51483119	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
30/09/2019	51492695	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
30/09/2019	51492696	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
30/09/2019	51476693	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
30/09/2019	51476695	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
30/09/2019	51483073	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
30/09/2019	51483075	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
30/09/2019	51483119	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
30/09/2019	51492695	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
30/09/2019	51492696	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
1/10/2019	51492829	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
1/10/2019	51492829	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
2/10/2019	51453628	Gravity	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
2/10/2019	51453628	Gravity	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
2/10/2019	51453671	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
2/10/2019	51453671	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
3/10/2019	51492678	Gravity	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
3/10/2019	51492678	Gravity	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
3/10/2019	51492679	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
3/10/2019	51492680	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
3/10/2019	51492679	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
3/10/2019	51492680	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
7/10/2019	51501526	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
7/10/2019	51501527	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
7/10/2019	51502393	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
7/10/2019	51502394	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
7/10/2019	51502395	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
7/10/2019	51502396	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
7/10/2019	51501526	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
7/10/2019	51501527	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
7/10/2019	51502393	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
7/10/2019	51502394	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
7/10/2019	51502395	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
7/10/2019	51502396	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
10/10/2019	51487170	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
10/10/2019	51487171	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
10/10/2019	51487170	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
10/10/2019	51487171	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
10/10/2019	51487172	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
10/10/2019	51487173	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
10/10/2019	51487174	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
10/10/2019	51487175	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
10/10/2019	51487172	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
10/10/2019	51487173	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
10/10/2019	51487174	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
10/10/2019	51487175	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
14/10/2019	51492361	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
14/10/2019	51492362	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
14/10/2019	51492361	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
14/10/2019	51492362	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
14/10/2019	51492363	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
14/10/2019	51492364	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
14/10/2019	51492365	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
14/10/2019	51492366	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
14/10/2019	51492363	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
14/10/2019	51492364	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
14/10/2019	51492365	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
14/10/2019	51492366	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51497733	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51497736	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51497738	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51497739	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51497740	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51497741	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51497747	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51497748	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51499761	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51499762	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51499763	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51499764	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51499770	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51499771	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51499772	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51499773	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51499774	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51499782	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51499783	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51499784	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51499785	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51499786	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51499787	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51499788	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51499817	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
17/10/2019	51499818	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51499819	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51499820	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51497733	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51497736	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51497738	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51497739	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51497740	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51497741	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51497747	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51497748	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51499761	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51499762	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51499763	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51499764	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51499770	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51499771	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51499772	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51499773	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51499774	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51499782	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51499783	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51499784	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51499785	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51499786	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51499787	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51499788	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51499817	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51499818	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51499819	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
17/10/2019	51499820	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51499822	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51499823	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51499825	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51499826	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51499827	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51499828	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51499829	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51499830	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51499831	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51499832	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51499833	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51499835	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51499836	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51499837	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51499838	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51499839	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51499840	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51499842	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51499843	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51499844	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51499845	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51499852	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51499853	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51499854	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51499856	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51499858	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51499860	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51499861	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51499862	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
17/10/2019	51499863	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51499864	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51499865	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51499866	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51499867	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51499868	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51499869	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51499870	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51499871	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51499872	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51499873	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51499874	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51499875	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51499876	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51499877	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51499878	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51499879	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51499880	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51499881	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51499882	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51499883	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51499884	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51499885	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51499886	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51499887	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51499888	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51499889	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51499984	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51499822	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51499823	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
17/10/2019	51499825	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51499826	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51499827	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51499828	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51499829	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51499830	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51499831	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51499832	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51499833	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51499835	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51499836	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51499837	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51499838	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51499839	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51499840	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51499842	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51499843	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51499844	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51499845	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51499852	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51499853	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51499854	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51499856	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51499858	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51499860	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51499861	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51499862	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51499863	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51499864	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51499865	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
17/10/2019	51499866	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51499867	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51499868	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51499869	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51499870	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51499871	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51499872	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51499873	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51499874	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51499875	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51499876	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51499877	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51499878	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51499879	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51499880	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51499881	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51499882	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51499883	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51499884	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51499885	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51499886	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51499887	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51499888	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51499889	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
17/10/2019	51499984	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
22/10/2019	51474854	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
22/10/2019	51474855	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
22/10/2019	51474857	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
22/10/2019	51474858	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
22/10/2019	51474863	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
22/10/2019	51474864	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
22/10/2019	51474865	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
22/10/2019	51474854	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
22/10/2019	51474855	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
22/10/2019	51474857	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
22/10/2019	51474858	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
22/10/2019	51474863	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
22/10/2019	51474864	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
22/10/2019	51474865	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
23/10/2019	51501703	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
23/10/2019	51501704	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
23/10/2019	51501705	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
23/10/2019	51501706	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
23/10/2019	51501703	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
23/10/2019	51501704	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
23/10/2019	51501705	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
23/10/2019	51501706	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
24/10/2019	51487073	Gravity	PE	180	Waste	Local	26. Upper Tamaki River	Existing
24/10/2019	51487077	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
24/10/2019	51487080	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
24/10/2019	51487083	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
24/10/2019	51487082	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
24/10/2019	51487085	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
24/10/2019	51487098	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
24/10/2019	51487073	Gravity	PE	180	Waste	Local	26. Upper Tamaki River	Existing
24/10/2019	51487077	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
24/10/2019	51487080	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
24/10/2019	51487083	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
24/10/2019	51487082	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
24/10/2019	51487085	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
24/10/2019	51487098	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
24/10/2019	51468739	Gravity Connection	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
24/10/2019	51487086	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
24/10/2019	51487087	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
24/10/2019	51487089	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
24/10/2019	51487090	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
24/10/2019	51487091	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
24/10/2019	51487092	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
24/10/2019	51487093	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
24/10/2019	51487095	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
24/10/2019	51487096	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
24/10/2019	51487099	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
24/10/2019	51487100	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
24/10/2019	51487101	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
24/10/2019	51487102	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
24/10/2019	51487103	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
24/10/2019	51487104	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
24/10/2019	51487105	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
24/10/2019	51487106	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
24/10/2019	51487107	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
24/10/2019	51487108	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
24/10/2019	51487109	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
24/10/2019	51487110	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
24/10/2019	51468739	Gravity Connection	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
24/10/2019	51487086	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
24/10/2019	51487087	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
24/10/2019	51487089	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
24/10/2019	51487090	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
24/10/2019	51487091	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
24/10/2019	51487092	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
24/10/2019	51487093	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
24/10/2019	51487095	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
24/10/2019	51487096	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
24/10/2019	51487099	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
24/10/2019	51487100	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
24/10/2019	51487101	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
24/10/2019	51487102	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
24/10/2019	51487103	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
24/10/2019	51487104	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
24/10/2019	51487105	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
24/10/2019	51487106	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
24/10/2019	51487107	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
24/10/2019	51487108	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
24/10/2019	51487109	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
24/10/2019	51487110	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
31/10/2019	51502315	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
31/10/2019	51502316	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
31/10/2019	51502315	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
31/10/2019	51502316	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
4/11/2019	51494095	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
4/11/2019	51494097	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
4/11/2019	51494095	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
4/11/2019	51494097	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
4/11/2019	51494098	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
4/11/2019	51494098	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
7/11/2019	51502225	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
7/11/2019	51502225	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
7/11/2019	51502227	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
7/11/2019	51502228	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
7/11/2019	51502227	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
7/11/2019	51502228	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
8/11/2019	51492250	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
8/11/2019	51492251	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
8/11/2019	51502373	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
8/11/2019	51492250	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
8/11/2019	51492251	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
8/11/2019	51502373	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
8/11/2019	51486997	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
8/11/2019	51486998	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
8/11/2019	51492252	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
8/11/2019	51492254	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
8/11/2019	51502374	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
8/11/2019	51502376	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
8/11/2019	51502380	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
8/11/2019	51502381	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
8/11/2019	51502382	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
8/11/2019	51502383	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
8/11/2019	51486997	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
8/11/2019	51486998	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
8/11/2019	51492252	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
8/11/2019	51492254	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
8/11/2019	51502374	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
8/11/2019	51502376	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
8/11/2019	51502380	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
8/11/2019	51502381	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
8/11/2019	51502382	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
8/11/2019	51502383	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
8/11/2019	51492260	Pressure Conn	PE	50	Waste	Local	26. Upper Tamaki River	Existing
8/11/2019	51492261	Pressure Conn	PE	50	Waste	Local	26. Upper Tamaki River	Existing
8/11/2019	51492262	Pressure Conn	PE	50	Waste	Local	26. Upper Tamaki River	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
8/11/2019	51492260	Pressure Conn	PE	50	Waste	Local	26. Upper Tamaki River	Existing
8/11/2019	51492261	Pressure Conn	PE	50	Waste	Local	26. Upper Tamaki River	Existing
8/11/2019	51492262	Pressure Conn	PE	50	Waste	Local	26. Upper Tamaki River	Existing
12/11/2019	51510334	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
12/11/2019	51510334	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
13/11/2019	51471674	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
13/11/2019	51471675	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
13/11/2019	51471674	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
13/11/2019	51471675	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
15/11/2019	51492294	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
15/11/2019	51492294	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
15/11/2019	51492320	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
15/11/2019	51492324	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
15/11/2019	51492320	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
15/11/2019	51492324	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
19/11/2019	51510218	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
19/11/2019	51510218	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
19/11/2019	51510219	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
19/11/2019	51510220	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
19/11/2019	51510219	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
19/11/2019	51510220	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
20/11/2019	51502013	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
20/11/2019	51502013	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
20/11/2019	51502017	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
20/11/2019	51502017	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
27/11/2019	51503377	Gravity Connection	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
27/11/2019	51503377	Gravity Connection	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
5/12/2019	51492788	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
5/12/2019	51492789	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
5/12/2019	51492788	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
5/12/2019	51492789	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
5/12/2019	51492790	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
5/12/2019	51492791	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
5/12/2019	51492790	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
5/12/2019	51492791	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
10/12/2019	51508905	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
10/12/2019	51508905	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
11/12/2019	51492685	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
11/12/2019	51492686	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
11/12/2019	51492685	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
11/12/2019	51492686	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
11/12/2019	51492687	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
11/12/2019	51492688	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
11/12/2019	51492689	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
11/12/2019	51492690	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
11/12/2019	51492691	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
11/12/2019	51492687	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
11/12/2019	51492688	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
11/12/2019	51492689	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
11/12/2019	51492690	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
11/12/2019	51492691	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
14/12/2019	51496940	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
14/12/2019	51496941	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
14/12/2019	51496940	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
14/12/2019	51496941	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
14/12/2019	51496942	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
14/12/2019	51496943	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
14/12/2019	51496944	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
14/12/2019	51496945	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
14/12/2019	51496942	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
14/12/2019	51496943	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
14/12/2019	51496944	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
14/12/2019	51496945	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
17/12/2019	51503381	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
17/12/2019	51503381	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
19/12/2019	51492299	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
19/12/2019	51492300	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
19/12/2019	51492301	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
19/12/2019	51492310	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
19/12/2019	51492312	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
19/12/2019	51492313	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
19/12/2019	51492315	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
19/12/2019	51492299	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
19/12/2019	51492300	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
19/12/2019	51492301	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
19/12/2019	51492310	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
19/12/2019	51492312	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
19/12/2019	51492313	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
19/12/2019	51492315	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
19/12/2019	51492302	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
19/12/2019	51492303	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
19/12/2019	51492304	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
19/12/2019	51492306	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
19/12/2019	51492316	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
19/12/2019	51492317	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
19/12/2019	51492318	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
19/12/2019	51492319	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
19/12/2019	51492321	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
19/12/2019	51492322	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
19/12/2019	51492323	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
19/12/2019	51492325	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
19/12/2019	51492326	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
19/12/2019	51492327	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
19/12/2019	51492302	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
19/12/2019	51492303	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
19/12/2019	51492304	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
19/12/2019	51492306	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
19/12/2019	51492316	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
19/12/2019	51492317	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
19/12/2019	51492318	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
19/12/2019	51492319	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
19/12/2019	51492321	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
19/12/2019	51492322	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
19/12/2019	51492323	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
19/12/2019	51492325	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
19/12/2019	51492326	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
19/12/2019	51492327	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
14/01/2020	51509949	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
14/01/2020	51509950	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
14/01/2020	51509951	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
14/01/2020	51509952	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
14/01/2020	51509953	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
14/01/2020	51509954	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
14/01/2020	51509949	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
14/01/2020	51509950	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
14/01/2020	51509951	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
14/01/2020	51509952	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
14/01/2020	51509953	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
14/01/2020	51509954	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
20/01/2020	51504991	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
20/01/2020	51504991	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
20/01/2020	51516476	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
20/01/2020	51516477	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
20/01/2020	51516478	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
20/01/2020	51516479	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
20/01/2020	51516480	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
20/01/2020	51516481	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
20/01/2020	51516476	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
20/01/2020	51516477	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
20/01/2020	51516478	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
20/01/2020	51516479	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
20/01/2020	51516480	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
20/01/2020	51516481	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
29/01/2020	51503259	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
29/01/2020	51503260	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
29/01/2020	51503261	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
29/01/2020	51503262	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
29/01/2020	51503259	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
29/01/2020	51503260	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
29/01/2020	51503261	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
29/01/2020	51503262	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
30/01/2020	51510020	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
30/01/2020	51510022	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
30/01/2020	51510025	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
30/01/2020	51510026	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
30/01/2020	51510027	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
30/01/2020	51510028	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
30/01/2020	51510020	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
30/01/2020	51510022	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
30/01/2020	51510025	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
30/01/2020	51510026	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
30/01/2020	51510027	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
30/01/2020	51510028	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
31/01/2020	51502976	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
31/01/2020	51502976	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
31/01/2020	51502977	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
31/01/2020	51508836	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
31/01/2020	51508837	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
31/01/2020	51508838	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
31/01/2020	51508840	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
31/01/2020	51508841	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
31/01/2020	51508843	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
31/01/2020	51508844	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
31/01/2020	51508846	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
31/01/2020	51508849	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
31/01/2020	51508850	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
31/01/2020	51508851	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
31/01/2020	51508852	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
31/01/2020	51508853	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
31/01/2020	51508929	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
31/01/2020	51508930	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
31/01/2020	51502977	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
31/01/2020	51508836	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
31/01/2020	51508837	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
31/01/2020	51508838	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
31/01/2020	51508840	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
31/01/2020	51508841	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
31/01/2020	51508843	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
31/01/2020	51508844	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
31/01/2020	51508846	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
31/01/2020	51508849	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
31/01/2020	51508850	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
31/01/2020	51508851	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
31/01/2020	51508852	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
31/01/2020	51508853	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
31/01/2020	51508929	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
31/01/2020	51508930	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
2/02/2020	51517848	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
2/02/2020	51517849	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
2/02/2020	51517848	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
2/02/2020	51517849	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
3/02/2020	51503432	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
3/02/2020	51503432	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
3/02/2020	51503433	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
3/02/2020	51503434	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
3/02/2020	51503435	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
3/02/2020	51510373	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
3/02/2020	51510374	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
3/02/2020	51503433	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
3/02/2020	51503434	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
3/02/2020	51503435	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
3/02/2020	51510373	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
3/02/2020	51510374	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
4/02/2020	51507034	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
4/02/2020	51507041	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
4/02/2020	51507042	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
4/02/2020	51518342	Gravity Connection	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
4/02/2020	51518343	Gravity Connection	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
4/02/2020	51507034	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
4/02/2020	51507041	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
4/02/2020	51507042	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
4/02/2020	51518342	Gravity Connection	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
4/02/2020	51518343	Gravity Connection	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
5/02/2020	51502673	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
5/02/2020	51510760	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
5/02/2020	51510761	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
5/02/2020	51502673	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
5/02/2020	51510760	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
5/02/2020	51510761	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
5/02/2020	51502237	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
5/02/2020	51502238	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
5/02/2020	51502245	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
5/02/2020	51502246	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
5/02/2020	51510762	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
5/02/2020	51510763	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
5/02/2020	51502237	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
5/02/2020	51502238	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
5/02/2020	51502245	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
5/02/2020	51502246	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
5/02/2020	51510762	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
5/02/2020	51510763	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
12/02/2020	51503158	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
12/02/2020	51503158	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
12/02/2020	51503159	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
12/02/2020	51503160	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
12/02/2020	51503161	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
12/02/2020	51503159	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
12/02/2020	51503160	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
12/02/2020	51503161	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
14/02/2020	51503265	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
14/02/2020	51503265	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
22/02/2020	51516485	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
22/02/2020	51516485	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
22/02/2020	51516486	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
22/02/2020	51516487	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
22/02/2020	51516488	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
22/02/2020	51516489	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
22/02/2020	51516486	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
22/02/2020	51516487	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
22/02/2020	51516488	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
22/02/2020	51516489	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
26/02/2020	51510716	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
26/02/2020	51510717	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
26/02/2020	51510718	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
26/02/2020	51510719	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
26/02/2020	51510720	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
26/02/2020	51510721	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
26/02/2020	51510716	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
26/02/2020	51510717	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
26/02/2020	51510718	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
26/02/2020	51510719	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
26/02/2020	51510720	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
26/02/2020	51510721	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
27/02/2020	51510044	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
27/02/2020	51510044	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
3/03/2020	51513016	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
3/03/2020	51513017	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
3/03/2020	51513018	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
3/03/2020	51513016	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
3/03/2020	51513017	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
3/03/2020	51513018	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
6/03/2020	51512892	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
6/03/2020	51512892	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
7/03/2020	51512970	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
7/03/2020	51512971	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
7/03/2020	51512972	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
7/03/2020	51512973	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
7/03/2020	51512974	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
7/03/2020	51512975	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
7/03/2020	51512976	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
7/03/2020	51512970	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
7/03/2020	51512971	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
7/03/2020	51512972	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
7/03/2020	51512973	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
7/03/2020	51512974	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
7/03/2020	51512975	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
7/03/2020	51512976	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
10/03/2020	51516998	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
10/03/2020	51516999	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
10/03/2020	51516998	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
10/03/2020	51516999	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
16/03/2020	51510271	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
16/03/2020	51510271	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
16/03/2020	51510272	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
16/03/2020	51510273	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
16/03/2020	51510274	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
16/03/2020	51510275	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
16/03/2020	51510276	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
16/03/2020	51510277	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
16/03/2020	51510272	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
16/03/2020	51510273	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
16/03/2020	51510274	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
16/03/2020	51510275	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
16/03/2020	51510276	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
16/03/2020	51510277	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
19/03/2020	51518201	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
19/03/2020	51518202	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
19/03/2020	51518201	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
19/03/2020	51518202	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
31/03/2020	51518231	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
31/03/2020	51518231	Gravity	PVC	150	Waste	Local	26. Upper Tamaki River	Existing
31/03/2020	51518217	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
31/03/2020	51518229	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
31/03/2020	51518230	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
31/03/2020	51518217	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
31/03/2020	51518229	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
31/03/2020	51518230	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
2/04/2020	51510631	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
2/04/2020	51510633	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
2/04/2020	51510634	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
2/04/2020	51510635	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
2/04/2020	51510637	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
2/04/2020	51510639	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
2/04/2020	51510640	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
2/04/2020	51510641	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
2/04/2020	51510643	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
2/04/2020	51510644	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
2/04/2020	51510631	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
2/04/2020	51510633	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
2/04/2020	51510634	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
2/04/2020	51510635	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
2/04/2020	51510637	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
2/04/2020	51510639	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
2/04/2020	51510640	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
2/04/2020	51510641	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
2/04/2020	51510643	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
2/04/2020	51510644	Gravity Connection	PVC	100	Waste	Local	26. Upper Tamaki River	Existing
19/02/2020	51501696	Gravity	PVC	150	Waste	Local	27. Cockle Bay	Existing
5/07/2019	51509251	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
5/07/2019	51509251	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
8/07/2019	51297040	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
8/07/2019	51297041	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
8/07/2019	51297040	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
8/07/2019	51297041	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
11/07/2019	51308999	Gravity	PVC	150	Waste	Local	28. Puhinui	Existing
11/07/2019	51308999	Gravity	PVC	150	Waste	Local	28. Puhinui	Existing
11/07/2019	51309001	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
11/07/2019	51309002	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
11/07/2019	51309003	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
11/07/2019	51309001	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
11/07/2019	51309002	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
11/07/2019	51309003	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
19/07/2019	51299172	Gravity	PVC	150	Waste	Local	28. Puhinui	Existing
19/07/2019	51299172	Gravity	PVC	150	Waste	Local	28. Puhinui	Existing
19/07/2019	51299173	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
19/07/2019	51299175	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
19/07/2019	51299174	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
19/07/2019	51299176	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
19/07/2019	51299177	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
19/07/2019	51299173	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
19/07/2019	51299175	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
19/07/2019	51299174	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
19/07/2019	51299176	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
19/07/2019	51299177	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
8/08/2019	51452459	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
8/08/2019	51452460	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
8/08/2019	51452459	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
8/08/2019	51452460	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
15/08/2019	51358982	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
15/08/2019	51358983	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
15/08/2019	51358984	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
15/08/2019	51358982	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
15/08/2019	51358983	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
15/08/2019	51358984	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
22/08/2019	51454665	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
22/08/2019	51454666	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
22/08/2019	51476666	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
22/08/2019	51476667	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
22/08/2019	51476668	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
22/08/2019	51476669	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
22/08/2019	51454665	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
22/08/2019	51454666	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
22/08/2019	51476666	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
22/08/2019	51476667	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
22/08/2019	51476668	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
22/08/2019	51476669	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
26/08/2019	51502386	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
26/08/2019	51502386	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
27/08/2019	51462113	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
27/08/2019	51462114	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
27/08/2019	51462115	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
27/08/2019	51462113	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
27/08/2019	51462114	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
27/08/2019	51462115	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
29/08/2019	51466449	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
29/08/2019	51466450	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
29/08/2019	51466451	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
29/08/2019	51466452	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
29/08/2019	51466453	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
29/08/2019	51466449	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
29/08/2019	51466450	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
29/08/2019	51466451	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
29/08/2019	51466452	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
29/08/2019	51466453	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
30/08/2019	51492712	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
30/08/2019	51492714	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
30/08/2019	51492715	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
30/08/2019	51492716	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
30/08/2019	51492712	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
30/08/2019	51492714	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
30/08/2019	51492715	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
30/08/2019	51492716	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
1/09/2019	51467570	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
1/09/2019	51467570	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
10/09/2019	51503174	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
10/09/2019	51503174	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
17/09/2019	51473801	Gravity Connection	PE	180	Waste	Local	28. Puhinui	Existing
17/09/2019	51473802	Gravity Connection	PE	180	Waste	Local	28. Puhinui	Existing
17/09/2019	51473803	Gravity Connection	PE	180	Waste	Local	28. Puhinui	Existing
17/09/2019	51473804	Gravity Connection	PE	180	Waste	Local	28. Puhinui	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
17/09/2019	51473805	Gravity Connection	PE	180	Waste	Local	28. Puhinui	Existing
17/09/2019	51473806	Gravity Connection	PE	180	Waste	Local	28. Puhinui	Existing
17/09/2019	51473807	Gravity Connection	PE	180	Waste	Local	28. Puhinui	Existing
17/09/2019	51473808	Gravity Connection	PE	180	Waste	Local	28. Puhinui	Existing
17/09/2019	51473809	Gravity Connection	PE	180	Waste	Local	28. Puhinui	Existing
17/09/2019	51473810	Gravity Connection	PE	180	Waste	Local	28. Puhinui	Existing
17/09/2019	51473811	Gravity Connection	PE	180	Waste	Local	28. Puhinui	Existing
17/09/2019	51473812	Gravity Connection	PE	180	Waste	Local	28. Puhinui	Existing
17/09/2019	51473813	Gravity Connection	PE	180	Waste	Local	28. Puhinui	Existing
17/09/2019	51473814	Gravity Connection	PE	180	Waste	Local	28. Puhinui	Existing
17/09/2019	51473815	Gravity Connection	PE	180	Waste	Local	28. Puhinui	Existing
17/09/2019	51473816	Gravity Connection	PE	180	Waste	Local	28. Puhinui	Existing
17/09/2019	51473817	Gravity Connection	PE	180	Waste	Local	28. Puhinui	Existing
17/09/2019	51473818	Gravity Connection	PE	180	Waste	Local	28. Puhinui	Existing
17/09/2019	51473819	Gravity Connection	PE	180	Waste	Local	28. Puhinui	Existing
17/09/2019	51473820	Gravity Connection	PE	180	Waste	Local	28. Puhinui	Existing
17/09/2019	51473821	Gravity Connection	PE	180	Waste	Local	28. Puhinui	Existing
17/09/2019	51473822	Gravity Connection	PE	180	Waste	Local	28. Puhinui	Existing
17/09/2019	51473823	Gravity Connection	PE	180	Waste	Local	28. Puhinui	Existing
17/09/2019	51473824	Gravity Connection	PE	180	Waste	Local	28. Puhinui	Existing
17/09/2019	51473825	Gravity Connection	PE	180	Waste	Local	28. Puhinui	Existing
17/09/2019	51473826	Gravity Connection	PE	180	Waste	Local	28. Puhinui	Existing
17/09/2019	51473827	Gravity Connection	PE	180	Waste	Local	28. Puhinui	Existing
17/09/2019	51473828	Gravity Connection	PE	180	Waste	Local	28. Puhinui	Existing
17/09/2019	51473801	Gravity Connection	PE	180	Waste	Local	28. Puhinui	Existing
17/09/2019	51473802	Gravity Connection	PE	180	Waste	Local	28. Puhinui	Existing
17/09/2019	51473803	Gravity Connection	PE	180	Waste	Local	28. Puhinui	Existing
17/09/2019	51473804	Gravity Connection	PE	180	Waste	Local	28. Puhinui	Existing
17/09/2019	51473805	Gravity Connection	PE	180	Waste	Local	28. Puhinui	Existing
17/09/2019	51473806	Gravity Connection	PE	180	Waste	Local	28. Puhinui	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
17/09/2019	51473807	Gravity Connection	PE	180	Waste	Local	28. Puhinui	Existing
17/09/2019	51473808	Gravity Connection	PE	180	Waste	Local	28. Puhinui	Existing
17/09/2019	51473809	Gravity Connection	PE	180	Waste	Local	28. Puhinui	Existing
17/09/2019	51473810	Gravity Connection	PE	180	Waste	Local	28. Puhinui	Existing
17/09/2019	51473811	Gravity Connection	PE	180	Waste	Local	28. Puhinui	Existing
17/09/2019	51473812	Gravity Connection	PE	180	Waste	Local	28. Puhinui	Existing
17/09/2019	51473813	Gravity Connection	PE	180	Waste	Local	28. Puhinui	Existing
17/09/2019	51473814	Gravity Connection	PE	180	Waste	Local	28. Puhinui	Existing
17/09/2019	51473815	Gravity Connection	PE	180	Waste	Local	28. Puhinui	Existing
17/09/2019	51473816	Gravity Connection	PE	180	Waste	Local	28. Puhinui	Existing
17/09/2019	51473817	Gravity Connection	PE	180	Waste	Local	28. Puhinui	Existing
17/09/2019	51473818	Gravity Connection	PE	180	Waste	Local	28. Puhinui	Existing
17/09/2019	51473819	Gravity Connection	PE	180	Waste	Local	28. Puhinui	Existing
17/09/2019	51473820	Gravity Connection	PE	180	Waste	Local	28. Puhinui	Existing
17/09/2019	51473821	Gravity Connection	PE	180	Waste	Local	28. Puhinui	Existing
17/09/2019	51473822	Gravity Connection	PE	180	Waste	Local	28. Puhinui	Existing
17/09/2019	51473823	Gravity Connection	PE	180	Waste	Local	28. Puhinui	Existing
17/09/2019	51473824	Gravity Connection	PE	180	Waste	Local	28. Puhinui	Existing
17/09/2019	51473825	Gravity Connection	PE	180	Waste	Local	28. Puhinui	Existing
17/09/2019	51473826	Gravity Connection	PE	180	Waste	Local	28. Puhinui	Existing
17/09/2019	51473827	Gravity Connection	PE	180	Waste	Local	28. Puhinui	Existing
17/09/2019	51473828	Gravity Connection	PE	180	Waste	Local	28. Puhinui	Existing
19/09/2019	51487354	Gravity	PVC	150	Waste	Local	28. Puhinui	Existing
19/09/2019	51487355	Gravity	PVC	150	Waste	Local	28. Puhinui	Existing
19/09/2019	51487354	Gravity	PVC	150	Waste	Local	28. Puhinui	Existing
19/09/2019	51487355	Gravity	PVC	150	Waste	Local	28. Puhinui	Existing
19/09/2019	51487356	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
19/09/2019	51487357	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
19/09/2019	51487358	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
19/09/2019	51487359	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
19/09/2019	51487356	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
19/09/2019	51487357	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
19/09/2019	51487358	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
19/09/2019	51487359	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497233	Gravity	PVC	150	Waste	Local	28. Puhinui	Existing
20/09/2019	51497234	Gravity	PVC	150	Waste	Local	28. Puhinui	Existing
20/09/2019	51497235	Gravity	PVC	150	Waste	Local	28. Puhinui	Existing
20/09/2019	51497239	Gravity	PVC	150	Waste	Local	28. Puhinui	Existing
20/09/2019	51497241	Gravity	PVC	150	Waste	Local	28. Puhinui	Existing
20/09/2019	51497242	Gravity	PVC	150	Waste	Local	28. Puhinui	Existing
20/09/2019	51497243	Gravity	PVC	150	Waste	Local	28. Puhinui	Existing
20/09/2019	51497250	Gravity	PVC	150	Waste	Local	28. Puhinui	Existing
20/09/2019	51497251	Gravity	PVC	150	Waste	Local	28. Puhinui	Existing
20/09/2019	51497252	Gravity	PVC	150	Waste	Local	28. Puhinui	Existing
20/09/2019	51497253	Gravity	PVC	150	Waste	Local	28. Puhinui	Existing
20/09/2019	51497254	Gravity	PVC	150	Waste	Local	28. Puhinui	Existing
20/09/2019	51497255	Gravity	PVC	150	Waste	Local	28. Puhinui	Existing
20/09/2019	51497377	Gravity	PVC	150	Waste	Local	28. Puhinui	Existing
20/09/2019	51497378	Gravity	PVC	150	Waste	Local	28. Puhinui	Existing
20/09/2019	51497379	Gravity	PVC	150	Waste	Local	28. Puhinui	Existing
20/09/2019	51497380	Gravity	PVC	150	Waste	Local	28. Puhinui	Existing
20/09/2019	51497381	Gravity	PVC	150	Waste	Local	28. Puhinui	Existing
20/09/2019	51497382	Gravity	PVC	150	Waste	Local	28. Puhinui	Existing
20/09/2019	51497383	Gravity	PVC	150	Waste	Local	28. Puhinui	Existing
20/09/2019	51497384	Gravity	PVC	150	Waste	Local	28. Puhinui	Existing
20/09/2019	51497385	Gravity	PVC	150	Waste	Local	28. Puhinui	Existing
20/09/2019	51497387	Gravity	PVC	150	Waste	Local	28. Puhinui	Existing
20/09/2019	51497388	Gravity	PVC	150	Waste	Local	28. Puhinui	Existing
20/09/2019	51497389	Gravity	PVC	150	Waste	Local	28. Puhinui	Existing
20/09/2019	51497391	Gravity	PVC	150	Waste	Local	28. Puhinui	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
20/09/2019	51497413	Gravity	PVC	150	Waste	Local	28. Puhinui	Existing
20/09/2019	51497418	Gravity	PVC	150	Waste	Local	28. Puhinui	Existing
20/09/2019	51497419	Gravity	PVC	150	Waste	Local	28. Puhinui	Existing
20/09/2019	51497420	Gravity	PVC	150	Waste	Local	28. Puhinui	Existing
20/09/2019	51497421	Gravity	PVC	150	Waste	Local	28. Puhinui	Existing
20/09/2019	51497449	Gravity	PVC	150	Waste	Local	28. Puhinui	Existing
20/09/2019	51497451	Gravity	PVC	150	Waste	Local	28. Puhinui	Existing
20/09/2019	51497452	Gravity	PVC	150	Waste	Local	28. Puhinui	Existing
20/09/2019	51497453	Gravity	PVC	150	Waste	Local	28. Puhinui	Existing
20/09/2019	51497454	Gravity	PVC	150	Waste	Local	28. Puhinui	Existing
20/09/2019	51497455	Gravity	PVC	150	Waste	Local	28. Puhinui	Existing
20/09/2019	51497457	Gravity	PVC	150	Waste	Local	28. Puhinui	Existing
20/09/2019	51497458	Gravity	PVC	150	Waste	Local	28. Puhinui	Existing
20/09/2019	51497459	Gravity	PVC	150	Waste	Local	28. Puhinui	Existing
20/09/2019	51497460	Gravity	PVC	150	Waste	Local	28. Puhinui	Existing
20/09/2019	51497461	Gravity	PVC	150	Waste	Local	28. Puhinui	Existing
20/09/2019	51497462	Gravity	PVC	150	Waste	Local	28. Puhinui	Existing
20/09/2019	51497233	Gravity	PVC	150	Waste	Local	28. Puhinui	Existing
20/09/2019	51497234	Gravity	PVC	150	Waste	Local	28. Puhinui	Existing
20/09/2019	51497235	Gravity	PVC	150	Waste	Local	28. Puhinui	Existing
20/09/2019	51497239	Gravity	PVC	150	Waste	Local	28. Puhinui	Existing
20/09/2019	51497241	Gravity	PVC	150	Waste	Local	28. Puhinui	Existing
20/09/2019	51497242	Gravity	PVC	150	Waste	Local	28. Puhinui	Existing
20/09/2019	51497243	Gravity	PVC	150	Waste	Local	28. Puhinui	Existing
20/09/2019	51497250	Gravity	PVC	150	Waste	Local	28. Puhinui	Existing
20/09/2019	51497251	Gravity	PVC	150	Waste	Local	28. Puhinui	Existing
20/09/2019	51497252	Gravity	PVC	150	Waste	Local	28. Puhinui	Existing
20/09/2019	51497253	Gravity	PVC	150	Waste	Local	28. Puhinui	Existing
20/09/2019	51497254	Gravity	PVC	150	Waste	Local	28. Puhinui	Existing
20/09/2019	51497255	Gravity	PVC	150	Waste	Local	28. Puhinui	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
20/09/2019	51497377	Gravity	PVC	150	Waste	Local	28. Puhinui	Existing
20/09/2019	51497378	Gravity	PVC	150	Waste	Local	28. Puhinui	Existing
20/09/2019	51497379	Gravity	PVC	150	Waste	Local	28. Puhinui	Existing
20/09/2019	51497380	Gravity	PVC	150	Waste	Local	28. Puhinui	Existing
20/09/2019	51497381	Gravity	PVC	150	Waste	Local	28. Puhinui	Existing
20/09/2019	51497382	Gravity	PVC	150	Waste	Local	28. Puhinui	Existing
20/09/2019	51497383	Gravity	PVC	150	Waste	Local	28. Puhinui	Existing
20/09/2019	51497384	Gravity	PVC	150	Waste	Local	28. Puhinui	Existing
20/09/2019	51497385	Gravity	PVC	150	Waste	Local	28. Puhinui	Existing
20/09/2019	51497387	Gravity	PVC	150	Waste	Local	28. Puhinui	Existing
20/09/2019	51497388	Gravity	PVC	150	Waste	Local	28. Puhinui	Existing
20/09/2019	51497389	Gravity	PVC	150	Waste	Local	28. Puhinui	Existing
20/09/2019	51497391	Gravity	PVC	150	Waste	Local	28. Puhinui	Existing
20/09/2019	51497413	Gravity	PVC	150	Waste	Local	28. Puhinui	Existing
20/09/2019	51497418	Gravity	PVC	150	Waste	Local	28. Puhinui	Existing
20/09/2019	51497419	Gravity	PVC	150	Waste	Local	28. Puhinui	Existing
20/09/2019	51497420	Gravity	PVC	150	Waste	Local	28. Puhinui	Existing
20/09/2019	51497421	Gravity	PVC	150	Waste	Local	28. Puhinui	Existing
20/09/2019	51497449	Gravity	PVC	150	Waste	Local	28. Puhinui	Existing
20/09/2019	51497451	Gravity	PVC	150	Waste	Local	28. Puhinui	Existing
20/09/2019	51497452	Gravity	PVC	150	Waste	Local	28. Puhinui	Existing
20/09/2019	51497453	Gravity	PVC	150	Waste	Local	28. Puhinui	Existing
20/09/2019	51497454	Gravity	PVC	150	Waste	Local	28. Puhinui	Existing
20/09/2019	51497455	Gravity	PVC	150	Waste	Local	28. Puhinui	Existing
20/09/2019	51497457	Gravity	PVC	150	Waste	Local	28. Puhinui	Existing
20/09/2019	51497458	Gravity	PVC	150	Waste	Local	28. Puhinui	Existing
20/09/2019	51497459	Gravity	PVC	150	Waste	Local	28. Puhinui	Existing
20/09/2019	51497460	Gravity	PVC	150	Waste	Local	28. Puhinui	Existing
20/09/2019	51497461	Gravity	PVC	150	Waste	Local	28. Puhinui	Existing
20/09/2019	51497462	Gravity	PVC	150	Waste	Local	28. Puhinui	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
20/09/2019	51497256	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497257	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497258	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497260	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497262	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497263	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497265	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497266	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497267	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497268	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497269	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497270	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497271	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497272	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497273	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497274	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497275	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497276	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497277	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497278	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497279	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497280	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497281	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497282	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497283	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497284	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497285	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497286	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497287	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497288	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
20/09/2019	51497289	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497332	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497333	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497334	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497335	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497336	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497337	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497339	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497340	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497342	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497343	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497344	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497346	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497347	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497348	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497386	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497392	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497393	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497394	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497395	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497396	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497397	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497398	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497399	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497400	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497401	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497402	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497403	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497404	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497405	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
20/09/2019	51497406	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497407	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497408	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497409	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497410	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497411	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497464	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497466	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497468	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497469	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497470	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497471	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497472	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497473	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497475	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497476	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497478	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497481	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497482	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497483	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497484	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497485	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497486	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497487	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497488	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497489	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497490	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497491	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497492	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497493	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
20/09/2019	51497494	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497495	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497496	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497497	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497498	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497499	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497500	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497501	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497502	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497531	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497503	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497504	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497505	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497506	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497507	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497509	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497510	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497511	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497512	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497513	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497514	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497515	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497516	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497517	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497518	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497519	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497520	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497521	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497522	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497523	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
20/09/2019	51497524	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497534	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497535	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497536	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497256	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497257	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497258	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497260	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497262	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497263	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497265	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497266	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497267	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497268	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497269	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497270	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497271	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497272	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497273	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497274	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497275	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497276	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497277	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497278	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497279	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497280	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497281	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497282	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497283	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497284	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
20/09/2019	51497285	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497286	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497287	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497288	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497289	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497332	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497333	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497334	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497335	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497336	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497337	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497339	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497340	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497342	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497343	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497344	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497346	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497347	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497348	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497386	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497392	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497393	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497394	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497395	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497396	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497397	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497398	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497399	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497400	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497401	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
20/09/2019	51497402	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497403	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497404	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497405	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497406	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497407	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497408	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497409	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497410	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497411	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497464	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497466	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497468	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497469	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497470	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497471	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497472	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497473	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497475	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497476	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497478	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497481	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497482	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497483	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497484	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497485	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497486	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497487	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497488	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497489	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
20/09/2019	51497490	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497491	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497492	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497493	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497494	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497495	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497496	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497497	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497498	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497499	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497500	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497501	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497502	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497531	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497503	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497504	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497505	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497506	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497507	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497509	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497510	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497511	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497512	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497513	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497514	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497515	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497516	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497517	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497518	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497519	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
20/09/2019	51497520	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497521	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497522	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497523	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497524	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497534	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497535	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/09/2019	51497536	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
25/09/2019	51503011	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
25/09/2019	51503011	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
1/10/2019	51479864	Gravity	PVC	100	Waste	Local	28. Puhinui	Existing
1/10/2019	51479864	Gravity	PVC	100	Waste	Local	28. Puhinui	Existing
1/10/2019	51479865	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
1/10/2019	51479865	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
3/10/2019	51479803	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
3/10/2019	51479802	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
3/10/2019	51479801	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
3/10/2019	51479803	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
3/10/2019	51479802	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
3/10/2019	51479801	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
4/10/2019	51492650	Gravity	PVC	150	Waste	Local	28. Puhinui	Existing
4/10/2019	51492650	Gravity	PVC	150	Waste	Local	28. Puhinui	Existing
8/10/2019	51509263	Gravity	PVC	150	Waste	Local	28. Puhinui	Existing
8/10/2019	51509263	Gravity	PVC	150	Waste	Local	28. Puhinui	Existing
8/10/2019	51492486	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
8/10/2019	51492487	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
8/10/2019	51492488	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
8/10/2019	51509261	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
8/10/2019	51509262	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
8/10/2019	51492486	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
8/10/2019	51492487	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
8/10/2019	51492488	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
8/10/2019	51509261	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
8/10/2019	51509262	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
14/10/2019	51497008	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
14/10/2019	51497009	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
14/10/2019	51497008	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
14/10/2019	51497009	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
17/10/2019	51483227	Gravity	PVC	150	Waste	Local	28. Puhinui	Existing
17/10/2019	51496948	Gravity	PVC	150	Waste	Local	28. Puhinui	Existing
17/10/2019	51483227	Gravity	PVC	150	Waste	Local	28. Puhinui	Existing
17/10/2019	51496948	Gravity	PVC	150	Waste	Local	28. Puhinui	Existing
17/10/2019	51472828	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
17/10/2019	51483228	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
17/10/2019	51496949	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
17/10/2019	51496950	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
17/10/2019	51496951	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
17/10/2019	51496952	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
17/10/2019	51496953	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
17/10/2019	51496954	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
17/10/2019	51472828	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
17/10/2019	51483228	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
17/10/2019	51496949	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
17/10/2019	51496950	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
17/10/2019	51496951	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
17/10/2019	51496952	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
17/10/2019	51496953	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
17/10/2019	51496954	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
24/10/2019	51492531	Gravity	PVC	150	Waste	Local	28. Puhinui	Existing
24/10/2019	51492531	Gravity	PVC	150	Waste	Local	28. Puhinui	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
24/10/2019	51492532	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
24/10/2019	51492533	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
24/10/2019	51492534	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
24/10/2019	51492535	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
24/10/2019	51492536	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
24/10/2019	51492532	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
24/10/2019	51492533	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
24/10/2019	51492534	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
24/10/2019	51492535	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
24/10/2019	51492536	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
29/10/2019	51492401	Gravity	PVC	150	Waste	Local	28. Puhinui	Existing
29/10/2019	51492402	Gravity	PVC	150	Waste	Local	28. Puhinui	Existing
29/10/2019	51492403	Gravity	PVC	150	Waste	Local	28. Puhinui	Existing
29/10/2019	51492404	Gravity	PVC	150	Waste	Local	28. Puhinui	Existing
29/10/2019	51492401	Gravity	PVC	150	Waste	Local	28. Puhinui	Existing
29/10/2019	51492402	Gravity	PVC	150	Waste	Local	28. Puhinui	Existing
29/10/2019	51492403	Gravity	PVC	150	Waste	Local	28. Puhinui	Existing
29/10/2019	51492404	Gravity	PVC	150	Waste	Local	28. Puhinui	Existing
29/10/2019	51492405	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
29/10/2019	51492406	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
29/10/2019	51492407	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
29/10/2019	51492408	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
29/10/2019	51492409	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
29/10/2019	51492413	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
29/10/2019	51492405	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
29/10/2019	51492406	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
29/10/2019	51492407	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
29/10/2019	51492408	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
29/10/2019	51492409	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
29/10/2019	51492413	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
31/10/2019	51492525	Gravity	PVC	150	Waste	Local	28. Puhinui	Existing
31/10/2019	51492526	Gravity	PVC	150	Waste	Local	28. Puhinui	Existing
31/10/2019	51492527	Gravity	PVC	150	Waste	Local	28. Puhinui	Existing
31/10/2019	51492525	Gravity	PVC	150	Waste	Local	28. Puhinui	Existing
31/10/2019	51492526	Gravity	PVC	150	Waste	Local	28. Puhinui	Existing
31/10/2019	51492527	Gravity	PVC	150	Waste	Local	28. Puhinui	Existing
31/10/2019	51492522	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
31/10/2019	51492529	Gravity Connection	PVC	150	Waste	Local	28. Puhinui	Existing
31/10/2019	51492530	Gravity Connection	PVC	150	Waste	Local	28. Puhinui	Existing
31/10/2019	51492537	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
31/10/2019	51492522	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
31/10/2019	51492529	Gravity Connection	PVC	150	Waste	Local	28. Puhinui	Existing
31/10/2019	51492530	Gravity Connection	PVC	150	Waste	Local	28. Puhinui	Existing
31/10/2019	51492537	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
7/11/2019	51510410	Gravity	PVC	150	Waste	Local	28. Puhinui	Existing
7/11/2019	51510414	Gravity	PVC	150	Waste	Local	28. Puhinui	Existing
7/11/2019	51510417	Gravity	PVC	150	Waste	Local	28. Puhinui	Existing
7/11/2019	51510419	Gravity	PVC	150	Waste	Local	28. Puhinui	Existing
7/11/2019	51510420	Gravity	PVC	150	Waste	Local	28. Puhinui	Existing
7/11/2019	51510421	Gravity	PVC	150	Waste	Local	28. Puhinui	Existing
7/11/2019	51510422	Gravity	PVC	150	Waste	Local	28. Puhinui	Existing
7/11/2019	51510423	Gravity	PVC	150	Waste	Local	28. Puhinui	Existing
7/11/2019	51510427	Gravity	PVC	150	Waste	Local	28. Puhinui	Existing
7/11/2019	51510430	Gravity	PVC	150	Waste	Local	28. Puhinui	Existing
7/11/2019	51510456	Gravity	PVC	150	Waste	Local	28. Puhinui	Existing
7/11/2019	51510457	Gravity	PVC	150	Waste	Local	28. Puhinui	Existing
7/11/2019	51510458	Gravity	PVC	150	Waste	Local	28. Puhinui	Existing
7/11/2019	51510466	Gravity	PVC	150	Waste	Local	28. Puhinui	Existing
7/11/2019	51510410	Gravity	PVC	150	Waste	Local	28. Puhinui	Existing
7/11/2019	51510414	Gravity	PVC	150	Waste	Local	28. Puhinui	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
7/11/2019	51510417	Gravity	PVC	150	Waste	Local	28. Puhinui	Existing
7/11/2019	51510419	Gravity	PVC	150	Waste	Local	28. Puhinui	Existing
7/11/2019	51510420	Gravity	PVC	150	Waste	Local	28. Puhinui	Existing
7/11/2019	51510421	Gravity	PVC	150	Waste	Local	28. Puhinui	Existing
7/11/2019	51510422	Gravity	PVC	150	Waste	Local	28. Puhinui	Existing
7/11/2019	51510423	Gravity	PVC	150	Waste	Local	28. Puhinui	Existing
7/11/2019	51510427	Gravity	PVC	150	Waste	Local	28. Puhinui	Existing
7/11/2019	51510430	Gravity	PVC	150	Waste	Local	28. Puhinui	Existing
7/11/2019	51510456	Gravity	PVC	150	Waste	Local	28. Puhinui	Existing
7/11/2019	51510457	Gravity	PVC	150	Waste	Local	28. Puhinui	Existing
7/11/2019	51510458	Gravity	PVC	150	Waste	Local	28. Puhinui	Existing
7/11/2019	51510466	Gravity	PVC	150	Waste	Local	28. Puhinui	Existing
7/11/2019	51492551	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
7/11/2019	51492552	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
7/11/2019	51492553	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
7/11/2019	51492554	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
7/11/2019	51492559	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
7/11/2019	51492560	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
7/11/2019	51492561	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
7/11/2019	51492562	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
7/11/2019	51492563	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
7/11/2019	51510468	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
7/11/2019	51510469	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
7/11/2019	51510470	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
7/11/2019	51510471	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
7/11/2019	51510472	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
7/11/2019	51510473	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
7/11/2019	51510474	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
7/11/2019	51510476	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
7/11/2019	51510475	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
7/11/2019	51510477	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
7/11/2019	51510478	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
7/11/2019	51510479	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
7/11/2019	51510480	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
7/11/2019	51510481	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
7/11/2019	51510482	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
7/11/2019	51510483	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
7/11/2019	51510484	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
7/11/2019	51510485	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
7/11/2019	51510486	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
7/11/2019	51510487	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
7/11/2019	51510488	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
7/11/2019	51510489	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
7/11/2019	51510490	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
7/11/2019	51510493	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
7/11/2019	51510494	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
7/11/2019	51510495	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
7/11/2019	51510496	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
7/11/2019	51510499	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
7/11/2019	51510500	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
7/11/2019	51510501	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
7/11/2019	51510502	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
7/11/2019	51510504	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
7/11/2019	51510506	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
7/11/2019	51510509	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
7/11/2019	51510511	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
7/11/2019	51510512	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
7/11/2019	51510513	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
7/11/2019	51510514	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
7/11/2019	51510515	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
7/11/2019	51510516	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
7/11/2019	51510538	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
7/11/2019	51510517	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
7/11/2019	51510518	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
7/11/2019	51510519	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
7/11/2019	51510520	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
7/11/2019	51510521	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
7/11/2019	51510522	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
7/11/2019	51510523	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
7/11/2019	51510524	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
7/11/2019	51510525	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
7/11/2019	51510526	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
7/11/2019	51510527	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
7/11/2019	51510528	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
7/11/2019	51510529	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
7/11/2019	51510530	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
7/11/2019	51510531	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
7/11/2019	51510532	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
7/11/2019	51510533	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
7/11/2019	51510534	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
7/11/2019	51510535	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
7/11/2019	51510536	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
7/11/2019	51510537	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
7/11/2019	51492551	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
7/11/2019	51492552	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
7/11/2019	51492553	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
7/11/2019	51492554	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
7/11/2019	51492559	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
7/11/2019	51492560	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
7/11/2019	51492561	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
7/11/2019	51492562	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
7/11/2019	51492563	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
7/11/2019	51510468	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
7/11/2019	51510469	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
7/11/2019	51510470	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
7/11/2019	51510471	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
7/11/2019	51510472	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
7/11/2019	51510473	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
7/11/2019	51510474	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
7/11/2019	51510476	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
7/11/2019	51510475	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
7/11/2019	51510477	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
7/11/2019	51510478	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
7/11/2019	51510479	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
7/11/2019	51510480	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
7/11/2019	51510481	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
7/11/2019	51510482	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
7/11/2019	51510483	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
7/11/2019	51510484	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
7/11/2019	51510485	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
7/11/2019	51510486	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
7/11/2019	51510487	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
7/11/2019	51510488	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
7/11/2019	51510489	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
7/11/2019	51510490	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
7/11/2019	51510493	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
7/11/2019	51510494	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
7/11/2019	51510495	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
7/11/2019	51510496	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
7/11/2019	51510499	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
7/11/2019	51510500	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
7/11/2019	51510501	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
7/11/2019	51510502	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
7/11/2019	51510504	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
7/11/2019	51510506	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
7/11/2019	51510509	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
7/11/2019	51510511	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
7/11/2019	51510512	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
7/11/2019	51510513	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
7/11/2019	51510514	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
7/11/2019	51510515	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
7/11/2019	51510516	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
7/11/2019	51510538	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
7/11/2019	51510517	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
7/11/2019	51510518	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
7/11/2019	51510519	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
7/11/2019	51510520	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
7/11/2019	51510521	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
7/11/2019	51510522	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
7/11/2019	51510523	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
7/11/2019	51510524	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
7/11/2019	51510525	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
7/11/2019	51510526	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
7/11/2019	51510527	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
7/11/2019	51510528	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
7/11/2019	51510529	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
7/11/2019	51510530	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
7/11/2019	51510531	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
7/11/2019	51510532	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
7/11/2019	51510533	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
7/11/2019	51510534	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
7/11/2019	51510535	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
7/11/2019	51510536	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
7/11/2019	51510537	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
8/11/2019	51483136	Gravity	PVC	150	Waste	Local	28. Puhinui	Existing
8/11/2019	51483316	Gravity	PVC	150	Waste	Local	28. Puhinui	Existing
8/11/2019	51502059	Gravity	PVC	100	Waste	Local	28. Puhinui	Existing
8/11/2019	51483136	Gravity	PVC	150	Waste	Local	28. Puhinui	Existing
8/11/2019	51483316	Gravity	PVC	150	Waste	Local	28. Puhinui	Existing
8/11/2019	51502059	Gravity	PVC	100	Waste	Local	28. Puhinui	Existing
8/11/2019	51481881	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
8/11/2019	51481882	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
8/11/2019	51481883	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
8/11/2019	51483137	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
8/11/2019	51483138	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
8/11/2019	51483314	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
8/11/2019	51502060	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
8/11/2019	51502061	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
8/11/2019	51503253	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
8/11/2019	51503254	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
8/11/2019	51503255	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
8/11/2019	51481881	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
8/11/2019	51481882	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
8/11/2019	51481883	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
8/11/2019	51483137	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
8/11/2019	51483138	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
8/11/2019	51483314	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
8/11/2019	51502060	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
8/11/2019	51502061	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
8/11/2019	51503253	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
8/11/2019	51503254	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
8/11/2019	51503255	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
13/11/2019	51509042	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
13/11/2019	51509052	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
13/11/2019	51509042	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
13/11/2019	51509052	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
28/11/2019	51516466	Gravity	PVC	150	Waste	Local	28. Puhinui	Existing
28/11/2019	51516466	Gravity	PVC	150	Waste	Local	28. Puhinui	Existing
28/11/2019	51516468	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
28/11/2019	51516468	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
9/12/2019	51501308	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
9/12/2019	51501309	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
9/12/2019	51501310	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
9/12/2019	51501308	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
9/12/2019	51501309	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
9/12/2019	51501310	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
18/02/2020	51513001	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
18/02/2020	51513002	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
18/02/2020	51513001	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
18/02/2020	51513002	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/02/2020	51503407	Gravity	PVC	150	Waste	Local	28. Puhinui	Existing
20/02/2020	51505041	Gravity	PVC	150	Waste	Local	28. Puhinui	Existing
20/02/2020	51503407	Gravity	PVC	150	Waste	Local	28. Puhinui	Existing
20/02/2020	51505041	Gravity	PVC	150	Waste	Local	28. Puhinui	Existing
20/02/2020	51503408	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
20/02/2020	51503408	Gravity Connection	PVC	100	Waste	Local	28. Puhinui	Existing
4/07/2019	51307999	Gravity	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
4/07/2019	51308001	Gravity	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
4/07/2019	51307999	Gravity	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
4/07/2019	51308001	Gravity	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
4/07/2019	51307928	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
4/07/2019	51307929	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
4/07/2019	51308000	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
4/07/2019	51308002	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
4/07/2019	51307928	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
4/07/2019	51307929	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
4/07/2019	51308000	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
4/07/2019	51308002	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
5/07/2019	51502690	Gravity	PVC	150	Waste	Local	29. Pahurehure Inlet	Existing
5/07/2019	51502690	Gravity	PVC	150	Waste	Local	29. Pahurehure Inlet	Existing
24/07/2019	51454596	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
24/07/2019	51454597	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
24/07/2019	51454598	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
24/07/2019	51454596	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
24/07/2019	51454597	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
24/07/2019	51454598	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
16/08/2019	51310415	Gravity	PVC	150	Waste	Local	29. Pahurehure Inlet	Existing
16/08/2019	51310415	Gravity	PVC	150	Waste	Local	29. Pahurehure Inlet	Existing
20/08/2019	51290522	Gravity	PVC	300	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51290523	Gravity	PVC	300	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51290525	Gravity	PVC	150	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51290530	Gravity	PVC	150	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51290531	Gravity	PVC	300	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51290535	Gravity	PVC	300	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51290538	Gravity	PVC	300	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51290540	Gravity	PVC	300	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51290542	Gravity	PVC	300	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51290544	Gravity	PVC	300	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51290548	Gravity	PVC	150	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51290560	Gravity	PVC	150	Waste	Local	29. Pahurehure Inlet	Future

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
20/08/2019	51290562	Gravity	PVC	150	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51290564	Gravity	PVC	150	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51290566	Gravity	PVC	150	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51290568	Gravity	PVC	150	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51290570	Gravity	PVC	150	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51290572	Gravity	PVC	150	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51290575	Gravity	PVC	150	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51290578	Gravity	PVC	150	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51290579	Gravity	PVC	150	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51290583	Gravity	PVC	150	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51290584	Gravity	PVC	150	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51290585	Gravity	PVC	150	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51290592	Gravity	PVC	150	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51290593	Gravity	PVC	150	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51290594	Gravity	PVC	150	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51290600	Gravity	PVC	150	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51290603	Gravity	PVC	150	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51290604	Gravity	PVC	225	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51290605	Gravity	PVC	225	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51290612	Gravity	PVC	150	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51290613	Gravity	PVC	150	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51290617	Gravity	PE	450	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51290522	Gravity	PVC	300	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51290523	Gravity	PVC	300	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51290525	Gravity	PVC	150	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51290530	Gravity	PVC	150	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51290531	Gravity	PVC	300	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51290535	Gravity	PVC	300	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51290538	Gravity	PVC	300	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51290540	Gravity	PVC	300	Waste	Local	29. Pahurehure Inlet	Future

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
20/08/2019	51290542	Gravity	PVC	300	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51290544	Gravity	PVC	300	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51290548	Gravity	PVC	150	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51290560	Gravity	PVC	150	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51290562	Gravity	PVC	150	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51290564	Gravity	PVC	150	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51290566	Gravity	PVC	150	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51290568	Gravity	PVC	150	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51290570	Gravity	PVC	150	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51290572	Gravity	PVC	150	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51290575	Gravity	PVC	150	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51290578	Gravity	PVC	150	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51290579	Gravity	PVC	150	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51290583	Gravity	PVC	150	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51290584	Gravity	PVC	150	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51290585	Gravity	PVC	150	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51290592	Gravity	PVC	150	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51290593	Gravity	PVC	150	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51290594	Gravity	PVC	150	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51290600	Gravity	PVC	150	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51290603	Gravity	PVC	150	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51290604	Gravity	PVC	225	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51290605	Gravity	PVC	225	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51290612	Gravity	PVC	150	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51290613	Gravity	PVC	150	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51290617	Gravity	PE	450	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51487094	Gravity	PVC	225	Waste	Local	29. Pahurehure Inlet	Existing
20/08/2019	51487094	Gravity	PVC	225	Waste	Local	29. Pahurehure Inlet	Existing
20/08/2019	51290623	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51290624	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Future

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
20/08/2019	51290625	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51290626	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51290627	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51290628	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51290629	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51290630	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51290631	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51290632	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51290633	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51290634	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51290635	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51290636	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51290637	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51290649	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51290650	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51290651	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51290652	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51290653	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51290654	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51290655	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51290656	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51290657	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51290658	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51290659	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51290660	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51290661	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51290662	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51290663	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51290664	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51290665	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Future

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
20/08/2019	51290666	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51290667	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51290668	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51290669	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51290670	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51290671	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51290672	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51290673	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51290674	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51290675	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51290676	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51290677	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51290678	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51290679	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51290680	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51290681	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51290682	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51290623	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51290624	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51290625	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51290626	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51290627	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51290628	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51290629	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51290630	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51290631	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51290632	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51290633	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51290634	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51290635	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Future

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
20/08/2019	51290636	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51290637	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51290649	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51290650	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51290651	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51290652	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51290653	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51290654	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51290655	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51290656	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51290657	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51290658	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51290659	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51290660	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51290661	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51290662	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51290663	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51290664	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51290665	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51290666	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51290667	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51290668	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51290669	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51290670	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51290671	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51290672	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51290673	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51290674	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51290675	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51290676	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Future

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
20/08/2019	51290677	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51290678	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51290679	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51290680	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51290681	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51290682	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51290619	Rising	PE	200	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51290619	Rising	PE	200	Waste	Local	29. Pahurehure Inlet	Future
23/08/2019	51454667	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
23/08/2019	51454673	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
23/08/2019	51454667	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
23/08/2019	51454673	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
28/08/2019	51454580	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
28/08/2019	51454582	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
28/08/2019	51454580	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
28/08/2019	51454582	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
29/08/2019	51502790	Gravity	PVC	150	Waste	Local	29. Pahurehure Inlet	Existing
29/08/2019	51502789	Gravity	PVC	150	Waste	Local	29. Pahurehure Inlet	Existing
29/08/2019	51502790	Gravity	PVC	150	Waste	Local	29. Pahurehure Inlet	Existing
29/08/2019	51502789	Gravity	PVC	150	Waste	Local	29. Pahurehure Inlet	Existing
29/08/2019	51474787	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
29/08/2019	51474789	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
29/08/2019	51474793	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
29/08/2019	51474794	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
29/08/2019	51474795	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
29/08/2019	51474796	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
29/08/2019	51474797	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
29/08/2019	51474798	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
29/08/2019	51474799	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
29/08/2019	51474801	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
29/08/2019	51474802	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
29/08/2019	51474803	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
29/08/2019	51474804	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
29/08/2019	51474805	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
29/08/2019	51474808	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
29/08/2019	51474809	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
29/08/2019	51474810	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
29/08/2019	51474811	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
29/08/2019	51474812	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
29/08/2019	51474813	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
29/08/2019	51474788	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
29/08/2019	51474827	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
29/08/2019	51474828	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
29/08/2019	51474787	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
29/08/2019	51474789	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
29/08/2019	51474793	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
29/08/2019	51474794	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
29/08/2019	51474795	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
29/08/2019	51474796	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
29/08/2019	51474797	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
29/08/2019	51474798	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
29/08/2019	51474799	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
29/08/2019	51474801	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
29/08/2019	51474802	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
29/08/2019	51474803	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
29/08/2019	51474804	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
29/08/2019	51474805	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
29/08/2019	51474808	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
29/08/2019	51474809	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
29/08/2019	51474810	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
29/08/2019	51474811	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
29/08/2019	51474812	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
29/08/2019	51474813	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
29/08/2019	51474788	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
29/08/2019	51474827	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
29/08/2019	51474828	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
3/09/2019	51483046	Gravity	PVC	150	Waste	Local	29. Pahurehure Inlet	Existing
3/09/2019	51502507	Gravity	PVC	150	Waste	Local	29. Pahurehure Inlet	Existing
3/09/2019	51483046	Gravity	PVC	150	Waste	Local	29. Pahurehure Inlet	Existing
3/09/2019	51502507	Gravity	PVC	150	Waste	Local	29. Pahurehure Inlet	Existing
3/09/2019	51483053	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
3/09/2019	51483054	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
3/09/2019	51492707	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
3/09/2019	51483053	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
3/09/2019	51483054	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
3/09/2019	51492707	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
9/09/2019	51492469	Gravity Connection	PVC	150	Waste	Local	29. Pahurehure Inlet	Existing
9/09/2019	51492470	Gravity Connection	PVC	150	Waste	Local	29. Pahurehure Inlet	Existing
9/09/2019	51492469	Gravity Connection	PVC	150	Waste	Local	29. Pahurehure Inlet	Existing
9/09/2019	51492470	Gravity Connection	PVC	150	Waste	Local	29. Pahurehure Inlet	Existing
11/09/2019	51502077	Gravity	PVC	150	Waste	Local	29. Pahurehure Inlet	Existing
11/09/2019	51502077	Gravity	PVC	150	Waste	Local	29. Pahurehure Inlet	Existing
2/10/2019	51487373	Gravity	PVC	150	Waste	Local	29. Pahurehure Inlet	Existing
2/10/2019	51487376	Gravity	PVC	150	Waste	Local	29. Pahurehure Inlet	Existing
2/10/2019	51487373	Gravity	PVC	150	Waste	Local	29. Pahurehure Inlet	Existing
2/10/2019	51487376	Gravity	PVC	150	Waste	Local	29. Pahurehure Inlet	Existing
2/10/2019	51487374	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
2/10/2019	51487386	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
2/10/2019	51487387	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
2/10/2019	51487374	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
2/10/2019	51487386	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
2/10/2019	51487387	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
15/10/2019	51505007	Gravity	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
15/10/2019	51505007	Gravity	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
15/10/2019	51496902	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
15/10/2019	51496904	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
15/10/2019	51505008	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
15/10/2019	51496902	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
15/10/2019	51496904	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
15/10/2019	51505008	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
18/10/2019	51517996	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
18/10/2019	51517997	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
18/10/2019	51517996	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
18/10/2019	51517997	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
22/10/2019	51502411	Gravity	PVC	150	Waste	Local	29. Pahurehure Inlet	Existing
22/10/2019	51502411	Gravity	PVC	150	Waste	Local	29. Pahurehure Inlet	Existing
29/10/2019	51501330	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
29/10/2019	51501331	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
29/10/2019	51501332	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
29/10/2019	51501333	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
29/10/2019	51501334	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
29/10/2019	51501335	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
29/10/2019	51501336	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
29/10/2019	51501338	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
29/10/2019	51501330	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
29/10/2019	51501331	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
29/10/2019	51501332	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
29/10/2019	51501333	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
29/10/2019	51501334	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
29/10/2019	51501335	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
29/10/2019	51501336	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
29/10/2019	51501338	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
6/11/2019	51481898	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
6/11/2019	51481899	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
6/11/2019	51481898	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
6/11/2019	51481899	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
7/11/2019	51502898	Gravity	PVC	150	Waste	Local	29. Pahurehure Inlet	Existing
7/11/2019	51502898	Gravity	PVC	150	Waste	Local	29. Pahurehure Inlet	Existing
7/11/2019	51502899	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
7/11/2019	51502900	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
7/11/2019	51502901	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
7/11/2019	51502903	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
7/11/2019	51502904	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
7/11/2019	51502905	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
7/11/2019	51502899	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
7/11/2019	51502900	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
7/11/2019	51502901	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
7/11/2019	51502903	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
7/11/2019	51502904	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
7/11/2019	51502905	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
8/11/2019	51502236	Gravity	PVC	150	Waste	Local	29. Pahurehure Inlet	Existing
8/11/2019	51502239	Gravity	PVC	150	Waste	Local	29. Pahurehure Inlet	Existing
8/11/2019	51502240	Gravity	PVC	150	Waste	Local	29. Pahurehure Inlet	Existing
8/11/2019	51502241	Gravity	PVC	150	Waste	Local	29. Pahurehure Inlet	Existing
8/11/2019	51502242	Gravity	PVC	150	Waste	Local	29. Pahurehure Inlet	Existing
8/11/2019	51502243	Gravity	PVC	150	Waste	Local	29. Pahurehure Inlet	Existing
8/11/2019	51502244	Gravity	PVC	150	Waste	Local	29. Pahurehure Inlet	Existing
8/11/2019	51502318	Gravity	PVC	150	Waste	Local	29. Pahurehure Inlet	Existing
8/11/2019	51502236	Gravity	PVC	150	Waste	Local	29. Pahurehure Inlet	Existing
8/11/2019	51502239	Gravity	PVC	150	Waste	Local	29. Pahurehure Inlet	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
8/11/2019	51502240	Gravity	PVC	150	Waste	Local	29. Pahurehure Inlet	Existing
8/11/2019	51502241	Gravity	PVC	150	Waste	Local	29. Pahurehure Inlet	Existing
8/11/2019	51502242	Gravity	PVC	150	Waste	Local	29. Pahurehure Inlet	Existing
8/11/2019	51502243	Gravity	PVC	150	Waste	Local	29. Pahurehure Inlet	Existing
8/11/2019	51502244	Gravity	PVC	150	Waste	Local	29. Pahurehure Inlet	Existing
8/11/2019	51502318	Gravity	PVC	150	Waste	Local	29. Pahurehure Inlet	Existing
8/11/2019	51481960	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
8/11/2019	51481960	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
15/11/2019	51502553	Gravity	PVC	150	Waste	Local	29. Pahurehure Inlet	Existing
15/11/2019	51502553	Gravity	PVC	150	Waste	Local	29. Pahurehure Inlet	Existing
20/11/2019	51492269	Gravity	PVC	150	Waste	Local	29. Pahurehure Inlet	Existing
20/11/2019	51492270	Gravity	PVC	150	Waste	Local	29. Pahurehure Inlet	Existing
20/11/2019	51492269	Gravity	PVC	150	Waste	Local	29. Pahurehure Inlet	Existing
20/11/2019	51492270	Gravity	PVC	150	Waste	Local	29. Pahurehure Inlet	Existing
20/11/2019	51492276	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
20/11/2019	51492277	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
20/11/2019	51492278	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
20/11/2019	51492279	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
20/11/2019	51492280	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
20/11/2019	51492281	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
20/11/2019	51492282	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
20/11/2019	51492276	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
20/11/2019	51492277	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
20/11/2019	51492278	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
20/11/2019	51492279	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
20/11/2019	51492280	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
20/11/2019	51492281	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
20/11/2019	51492282	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
3/12/2019	51492285	Gravity	PVC	150	Waste	Local	29. Pahurehure Inlet	Existing
3/12/2019	51492285	Gravity	PVC	150	Waste	Local	29. Pahurehure Inlet	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
3/12/2019	51492287	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
3/12/2019	51492288	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
3/12/2019	51492289	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
3/12/2019	51492290	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
3/12/2019	51492291	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
3/12/2019	51492287	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
3/12/2019	51492288	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
3/12/2019	51492289	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
3/12/2019	51492290	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
3/12/2019	51492291	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
6/12/2019	51502476	Gravity	PVC	150	Waste	Local	29. Pahurehure Inlet	Existing
6/12/2019	51502476	Gravity	PVC	150	Waste	Local	29. Pahurehure Inlet	Existing
6/12/2019	51502477	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
6/12/2019	51502478	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
6/12/2019	51502477	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
6/12/2019	51502478	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
9/01/2020	51502438	Gravity	PVC	150	Waste	Local	29. Pahurehure Inlet	Existing
9/01/2020	51502439	Gravity	PVC	150	Waste	Local	29. Pahurehure Inlet	Existing
9/01/2020	51502438	Gravity	PVC	150	Waste	Local	29. Pahurehure Inlet	Existing
9/01/2020	51502439	Gravity	PVC	150	Waste	Local	29. Pahurehure Inlet	Existing
14/01/2020	51518049	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
14/01/2020	51518049	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
30/01/2020	51502388	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
30/01/2020	51502389	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
30/01/2020	51502388	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
30/01/2020	51502389	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
3/02/2020	51510183	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
3/02/2020	51510184	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
3/02/2020	51510185	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
3/02/2020	51510186	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
3/02/2020	51510187	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
3/02/2020	51510183	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
3/02/2020	51510184	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
3/02/2020	51510185	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
3/02/2020	51510186	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
3/02/2020	51510187	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
4/02/2020	51518254	Gravity	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
4/02/2020	51518254	Gravity	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
4/02/2020	51518255	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
4/02/2020	51518256	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
4/02/2020	51518255	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
4/02/2020	51518256	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
7/02/2020	51510086	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
7/02/2020	51510086	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
11/02/2020	51509436	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
11/02/2020	51509437	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
11/02/2020	51509438	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
11/02/2020	51509439	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
11/02/2020	51509440	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
11/02/2020	51509436	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
11/02/2020	51509437	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
11/02/2020	51509438	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
11/02/2020	51509439	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
11/02/2020	51509440	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
18/03/2020	51509823	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
18/03/2020	51509824	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
18/03/2020	51509825	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
18/03/2020	51509827	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
18/03/2020	51517868	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
18/03/2020	51517870	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
18/03/2020	51509823	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
18/03/2020	51509824	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
18/03/2020	51509825	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
18/03/2020	51509827	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
18/03/2020	51517868	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
18/03/2020	51517870	Gravity Connection	PVC	100	Waste	Local	29. Pahurehure Inlet	Existing
2/10/2019	51502487	Gravity Connection	PVC	100	Waste	Local	31. Beachlands-Maraetai	Existing
2/10/2019	51502488	Gravity Connection	PVC	100	Waste	Local	31. Beachlands-Maraetai	Existing
2/10/2019	51502487	Gravity Connection	PVC	100	Waste	Local	31. Beachlands-Maraetai	Existing
2/10/2019	51502488	Gravity Connection	PVC	100	Waste	Local	31. Beachlands-Maraetai	Existing
6/11/2019	51490186	Gravity	PVC	150	Waste	Local	31. Beachlands-Maraetai	Existing
6/11/2019	51490187	Gravity	PVC	150	Waste	Local	31. Beachlands-Maraetai	Existing
6/11/2019	51492234	Gravity	PVC	150	Waste	Local	31. Beachlands-Maraetai	Existing
6/11/2019	51492236	Gravity	PVC	150	Waste	Local	31. Beachlands-Maraetai	Existing
6/11/2019	51490186	Gravity	PVC	150	Waste	Local	31. Beachlands-Maraetai	Existing
6/11/2019	51490187	Gravity	PVC	150	Waste	Local	31. Beachlands-Maraetai	Existing
6/11/2019	51492234	Gravity	PVC	150	Waste	Local	31. Beachlands-Maraetai	Existing
6/11/2019	51492236	Gravity	PVC	150	Waste	Local	31. Beachlands-Maraetai	Existing
6/11/2019	51490188	Gravity Connection	PVC	100	Waste	Local	31. Beachlands-Maraetai	Existing
6/11/2019	51490189	Gravity Connection	PVC	100	Waste	Local	31. Beachlands-Maraetai	Existing
6/11/2019	51490555	Gravity Connection	PVC	100	Waste	Local	31. Beachlands-Maraetai	Existing
6/11/2019	51490713	Gravity Connection	PVC	100	Waste	Local	31. Beachlands-Maraetai	Existing
6/11/2019	51492192	Gravity Connection	PVC	100	Waste	Local	31. Beachlands-Maraetai	Existing
6/11/2019	51492209	Gravity Connection	PVC	100	Waste	Local	31. Beachlands-Maraetai	Existing
6/11/2019	51492211	Gravity Connection	PVC	100	Waste	Local	31. Beachlands-Maraetai	Existing
6/11/2019	51492212	Gravity Connection	PVC	100	Waste	Local	31. Beachlands-Maraetai	Existing
6/11/2019	51492239	Gravity Connection	PVC	100	Waste	Local	31. Beachlands-Maraetai	Existing
6/11/2019	51492240	Gravity Connection	PVC	100	Waste	Local	31. Beachlands-Maraetai	Existing
6/11/2019	51492242	Gravity Connection	PVC	100	Waste	Local	31. Beachlands-Maraetai	Existing
6/11/2019	51492243	Gravity Connection	PVC	100	Waste	Local	31. Beachlands-Maraetai	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
6/11/2019	51492244	Gravity Connection	PVC	100	Waste	Local	31. Beachlands-Maraetai	Existing
6/11/2019	51492245	Gravity Connection	PVC	100	Waste	Local	31. Beachlands-Maraetai	Existing
6/11/2019	51492259	Gravity Connection	PVC	100	Waste	Local	31. Beachlands-Maraetai	Existing
6/11/2019	51490188	Gravity Connection	PVC	100	Waste	Local	31. Beachlands-Maraetai	Existing
6/11/2019	51490189	Gravity Connection	PVC	100	Waste	Local	31. Beachlands-Maraetai	Existing
6/11/2019	51490555	Gravity Connection	PVC	100	Waste	Local	31. Beachlands-Maraetai	Existing
6/11/2019	51490713	Gravity Connection	PVC	100	Waste	Local	31. Beachlands-Maraetai	Existing
6/11/2019	51492192	Gravity Connection	PVC	100	Waste	Local	31. Beachlands-Maraetai	Existing
6/11/2019	51492209	Gravity Connection	PVC	100	Waste	Local	31. Beachlands-Maraetai	Existing
6/11/2019	51492211	Gravity Connection	PVC	100	Waste	Local	31. Beachlands-Maraetai	Existing
6/11/2019	51492212	Gravity Connection	PVC	100	Waste	Local	31. Beachlands-Maraetai	Existing
6/11/2019	51492239	Gravity Connection	PVC	100	Waste	Local	31. Beachlands-Maraetai	Existing
6/11/2019	51492240	Gravity Connection	PVC	100	Waste	Local	31. Beachlands-Maraetai	Existing
6/11/2019	51492242	Gravity Connection	PVC	100	Waste	Local	31. Beachlands-Maraetai	Existing
6/11/2019	51492243	Gravity Connection	PVC	100	Waste	Local	31. Beachlands-Maraetai	Existing
6/11/2019	51492244	Gravity Connection	PVC	100	Waste	Local	31. Beachlands-Maraetai	Existing
6/11/2019	51492245	Gravity Connection	PVC	100	Waste	Local	31. Beachlands-Maraetai	Existing
6/11/2019	51492259	Gravity Connection	PVC	100	Waste	Local	31. Beachlands-Maraetai	Existing
24/01/2020	51507100	Pressure Conn	PE	50	Waste	Local	31. Beachlands-Maraetai	Existing
24/01/2020	51507100	Pressure Conn	PE	50	Waste	Local	31. Beachlands-Maraetai	Existing
28/08/2019	51355637	Gravity Connection	PVC	150	Waste	Local	33. Waiuku	Existing
28/08/2019	51355638	Gravity Connection	PVC	100	Waste	Local	33. Waiuku	Existing
28/08/2019	51355637	Gravity Connection	PVC	150	Waste	Local	33. Waiuku	Existing
28/08/2019	51355638	Gravity Connection	PVC	100	Waste	Local	33. Waiuku	Existing
30/09/2019	51497527	Gravity	PVC	150	Waste	Local	33. Waiuku	Existing
30/09/2019	51497527	Gravity	PVC	150	Waste	Local	33. Waiuku	Existing
30/09/2019	51497528	Gravity Connection	PVC	100	Waste	Local	33. Waiuku	Existing
30/09/2019	51497533	Gravity Connection	PVC	100	Waste	Local	33. Waiuku	Existing
30/09/2019	51497528	Gravity Connection	PVC	100	Waste	Local	33. Waiuku	Existing
30/09/2019	51497533	Gravity Connection	PVC	100	Waste	Local	33. Waiuku	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
24/01/2020	51508667	Gravity	PVC	100	Waste	Local	33. Waiuku	Existing
24/01/2020	51508667	Gravity	PVC	100	Waste	Local	33. Waiuku	Existing
24/01/2020	51508666	Gravity Connection	PVC	100	Waste	Local	33. Waiuku	Existing
24/01/2020	51508668	Gravity Connection	PVC	100	Waste	Local	33. Waiuku	Existing
24/01/2020	51508666	Gravity Connection	PVC	100	Waste	Local	33. Waiuku	Existing
24/01/2020	51508668	Gravity Connection	PVC	100	Waste	Local	33. Waiuku	Existing
16/07/2019	51309105	Gravity	PVC	150	Waste	Local	34. Pukekohe	Existing
16/07/2019	51309106	Gravity	PE	180	Waste	Local	34. Pukekohe	Existing
16/07/2019	51309105	Gravity	PVC	150	Waste	Local	34. Pukekohe	Existing
16/07/2019	51309106	Gravity	PE	180	Waste	Local	34. Pukekohe	Existing
16/07/2019	51309107	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Existing
16/07/2019	51309108	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Existing
16/07/2019	51309109	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Existing
16/07/2019	51309110	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Existing
16/07/2019	51309107	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Existing
16/07/2019	51309108	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Existing
16/07/2019	51309109	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Existing
16/07/2019	51309110	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Existing
30/07/2019	51480898	Gravity	PVC	150	Waste	Local	34. Pukekohe	Existing
30/07/2019	51480899	Gravity	PVC	150	Waste	Local	34. Pukekohe	Existing
30/07/2019	51480900	Gravity	PVC	150	Waste	Local	34. Pukekohe	Existing
30/07/2019	51480898	Gravity	PVC	150	Waste	Local	34. Pukekohe	Existing
30/07/2019	51480899	Gravity	PVC	150	Waste	Local	34. Pukekohe	Existing
30/07/2019	51480900	Gravity	PVC	150	Waste	Local	34. Pukekohe	Existing
30/07/2019	51480901	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Existing
30/07/2019	51480902	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Existing
30/07/2019	51480903	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Existing
30/07/2019	51480901	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Existing
30/07/2019	51480902	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Existing
30/07/2019	51480903	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
6/08/2019	51502356	Gravity	PVC	150	Waste	Local	34. Pukekohe	Existing
6/08/2019	51502356	Gravity	PVC	150	Waste	Local	34. Pukekohe	Existing
6/08/2019	51502357	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Existing
6/08/2019	51502358	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Existing
6/08/2019	51502359	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Existing
6/08/2019	51502360	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Existing
6/08/2019	51502361	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Existing
6/08/2019	51502362	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Existing
6/08/2019	51502357	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Existing
6/08/2019	51502358	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Existing
6/08/2019	51502359	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Existing
6/08/2019	51502360	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Existing
6/08/2019	51502361	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Existing
6/08/2019	51502362	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Existing
23/08/2019	51462141	Gravity	PVC	150	Waste	Local	34. Pukekohe	Existing
23/08/2019	51462143	Gravity	PVC	150	Waste	Local	34. Pukekohe	Existing
23/08/2019	51462141	Gravity	PVC	150	Waste	Local	34. Pukekohe	Existing
23/08/2019	51462143	Gravity	PVC	150	Waste	Local	34. Pukekohe	Existing
23/08/2019	51462139	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Existing
23/08/2019	51462145	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Existing
23/08/2019	51462139	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Existing
23/08/2019	51462145	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Existing
26/08/2019	51462006	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Existing
26/08/2019	51462007	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Existing
26/08/2019	51462008	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Existing
26/08/2019	51462006	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Existing
26/08/2019	51462007	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Existing
26/08/2019	51462008	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Existing
16/09/2019	51309165	Gravity	PVC	150	Waste	Local	34. Pukekohe	Existing
16/09/2019	51309166	Gravity	PVC	150	Waste	Local	34. Pukekohe	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
16/09/2019	51309165	Gravity	PVC	150	Waste	Local	34. Pukekohe	Existing
16/09/2019	51309166	Gravity	PVC	150	Waste	Local	34. Pukekohe	Existing
16/09/2019	51309167	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Existing
16/09/2019	51309167	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Existing
18/09/2019	51312853	Gravity	PVC	150	Waste	Local	34. Pukekohe	Future
18/09/2019	51312911	Gravity	PVC	150	Waste	Local	34. Pukekohe	Future
18/09/2019	51312912	Gravity	PVC	150	Waste	Local	34. Pukekohe	Future
18/09/2019	51312913	Gravity	PVC	150	Waste	Local	34. Pukekohe	Future
18/09/2019	51312914	Gravity	PVC	150	Waste	Local	34. Pukekohe	Future
18/09/2019	51312915	Gravity	PVC	150	Waste	Local	34. Pukekohe	Future
18/09/2019	51312916	Gravity	PVC	150	Waste	Local	34. Pukekohe	Future
18/09/2019	51312917	Gravity	PVC	150	Waste	Local	34. Pukekohe	Future
18/09/2019	51312918	Gravity	PVC	150	Waste	Local	34. Pukekohe	Future
18/09/2019	51312919	Gravity	PVC	150	Waste	Local	34. Pukekohe	Future
18/09/2019	51312920	Gravity	PVC	150	Waste	Local	34. Pukekohe	Future
18/09/2019	51312921	Gravity	PVC	150	Waste	Local	34. Pukekohe	Future
18/09/2019	51312922	Gravity	PVC	150	Waste	Local	34. Pukekohe	Future
18/09/2019	51312923	Gravity	PVC	150	Waste	Local	34. Pukekohe	Future
18/09/2019	51312924	Gravity	PVC	150	Waste	Local	34. Pukekohe	Future
18/09/2019	51312925	Gravity	PVC	150	Waste	Local	34. Pukekohe	Future
18/09/2019	51312926	Gravity	PVC	150	Waste	Local	34. Pukekohe	Future
18/09/2019	51312927	Gravity	PVC	150	Waste	Local	34. Pukekohe	Future
18/09/2019	51312928	Gravity	PVC	150	Waste	Local	34. Pukekohe	Future
18/09/2019	51312929	Gravity	PVC	150	Waste	Local	34. Pukekohe	Future
18/09/2019	51312930	Gravity	PVC	150	Waste	Local	34. Pukekohe	Future
18/09/2019	51312931	Gravity	PVC	150	Waste	Local	34. Pukekohe	Future
18/09/2019	51312932	Gravity	PVC	150	Waste	Local	34. Pukekohe	Future
18/09/2019	51312933	Gravity	PVC	150	Waste	Local	34. Pukekohe	Future
18/09/2019	51312934	Gravity	PVC	150	Waste	Local	34. Pukekohe	Future
18/09/2019	51312935	Gravity	PVC	150	Waste	Local	34. Pukekohe	Future

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
18/09/2019	51312936	Gravity	PVC	150	Waste	Local	34. Pukekohe	Future
18/09/2019	51312937	Gravity	PVC	150	Waste	Local	34. Pukekohe	Future
18/09/2019	51312853	Gravity	PVC	150	Waste	Local	34. Pukekohe	Future
18/09/2019	51312911	Gravity	PVC	150	Waste	Local	34. Pukekohe	Future
18/09/2019	51312912	Gravity	PVC	150	Waste	Local	34. Pukekohe	Future
18/09/2019	51312913	Gravity	PVC	150	Waste	Local	34. Pukekohe	Future
18/09/2019	51312914	Gravity	PVC	150	Waste	Local	34. Pukekohe	Future
18/09/2019	51312915	Gravity	PVC	150	Waste	Local	34. Pukekohe	Future
18/09/2019	51312916	Gravity	PVC	150	Waste	Local	34. Pukekohe	Future
18/09/2019	51312917	Gravity	PVC	150	Waste	Local	34. Pukekohe	Future
18/09/2019	51312918	Gravity	PVC	150	Waste	Local	34. Pukekohe	Future
18/09/2019	51312919	Gravity	PVC	150	Waste	Local	34. Pukekohe	Future
18/09/2019	51312920	Gravity	PVC	150	Waste	Local	34. Pukekohe	Future
18/09/2019	51312921	Gravity	PVC	150	Waste	Local	34. Pukekohe	Future
18/09/2019	51312922	Gravity	PVC	150	Waste	Local	34. Pukekohe	Future
18/09/2019	51312923	Gravity	PVC	150	Waste	Local	34. Pukekohe	Future
18/09/2019	51312924	Gravity	PVC	150	Waste	Local	34. Pukekohe	Future
18/09/2019	51312925	Gravity	PVC	150	Waste	Local	34. Pukekohe	Future
18/09/2019	51312926	Gravity	PVC	150	Waste	Local	34. Pukekohe	Future
18/09/2019	51312927	Gravity	PVC	150	Waste	Local	34. Pukekohe	Future
18/09/2019	51312928	Gravity	PVC	150	Waste	Local	34. Pukekohe	Future
18/09/2019	51312929	Gravity	PVC	150	Waste	Local	34. Pukekohe	Future
18/09/2019	51312930	Gravity	PVC	150	Waste	Local	34. Pukekohe	Future
18/09/2019	51312931	Gravity	PVC	150	Waste	Local	34. Pukekohe	Future
18/09/2019	51312932	Gravity	PVC	150	Waste	Local	34. Pukekohe	Future
18/09/2019	51312933	Gravity	PVC	150	Waste	Local	34. Pukekohe	Future
18/09/2019	51312934	Gravity	PVC	150	Waste	Local	34. Pukekohe	Future
18/09/2019	51312935	Gravity	PVC	150	Waste	Local	34. Pukekohe	Future
18/09/2019	51312936	Gravity	PVC	150	Waste	Local	34. Pukekohe	Future
18/09/2019	51312937	Gravity	PVC	150	Waste	Local	34. Pukekohe	Future

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
18/09/2019	51312854	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/09/2019	51312855	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/09/2019	51312856	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/09/2019	51312938	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/09/2019	51312939	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/09/2019	51312940	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/09/2019	51312941	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/09/2019	51312942	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/09/2019	51312943	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/09/2019	51312944	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/09/2019	51312945	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/09/2019	51312946	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/09/2019	51312947	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/09/2019	51312948	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/09/2019	51312949	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/09/2019	51316033	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/09/2019	51316480	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/09/2019	51316939	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/09/2019	51317802	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/09/2019	51318481	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/09/2019	51337282	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/09/2019	51339508	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/09/2019	51342965	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/09/2019	51343165	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/09/2019	51343959	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/09/2019	51344469	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/09/2019	51345092	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/09/2019	51345281	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/09/2019	51347568	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/09/2019	51347941	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
18/09/2019	51348897	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/09/2019	51349634	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/09/2019	51350194	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/09/2019	51350937	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/09/2019	51351605	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/09/2019	51353951	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/09/2019	51354534	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/09/2019	51354872	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/09/2019	51355011	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/09/2019	51355048	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/09/2019	51355112	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/09/2019	51355439	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/09/2019	51355621	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/09/2019	51355635	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/09/2019	51355622	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/09/2019	51355623	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/09/2019	51355624	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/09/2019	51355625	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/09/2019	51355626	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/09/2019	51355627	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/09/2019	51355628	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/09/2019	51355629	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/09/2019	51355630	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/09/2019	51355631	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/09/2019	51355632	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/09/2019	51355633	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/09/2019	51355634	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/09/2019	51312854	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/09/2019	51312855	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/09/2019	51312856	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
18/09/2019	51312938	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/09/2019	51312939	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/09/2019	51312940	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/09/2019	51312941	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/09/2019	51312942	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/09/2019	51312943	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/09/2019	51312944	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/09/2019	51312945	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/09/2019	51312946	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/09/2019	51312947	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/09/2019	51312948	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/09/2019	51312949	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/09/2019	51316033	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/09/2019	51316480	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/09/2019	51316939	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/09/2019	51317802	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/09/2019	51318481	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/09/2019	51337282	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/09/2019	51339508	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/09/2019	51342965	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/09/2019	51343165	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/09/2019	51343959	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/09/2019	51344469	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/09/2019	51345092	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/09/2019	51345281	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/09/2019	51347568	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/09/2019	51347941	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/09/2019	51348897	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/09/2019	51349634	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/09/2019	51350194	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
18/09/2019	51350937	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/09/2019	51351605	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/09/2019	51353951	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/09/2019	51354534	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/09/2019	51354872	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/09/2019	51355011	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/09/2019	51355048	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/09/2019	51355112	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/09/2019	51355439	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/09/2019	51355621	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/09/2019	51355635	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/09/2019	51355622	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/09/2019	51355623	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/09/2019	51355624	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/09/2019	51355625	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/09/2019	51355626	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/09/2019	51355627	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/09/2019	51355628	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/09/2019	51355629	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/09/2019	51355630	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/09/2019	51355631	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/09/2019	51355632	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/09/2019	51355633	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/09/2019	51355634	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
14/10/2019	51454689	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Existing
14/10/2019	51454690	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Existing
14/10/2019	51454689	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Existing
14/10/2019	51454690	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Existing
18/10/2019	51495740	Gravity	PVC	150	Waste	Local	34. Pukekohe	Future
18/10/2019	51495741	Gravity	PVC	150	Waste	Local	34. Pukekohe	Future

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
18/10/2019	51495742	Gravity	PVC	150	Waste	Local	34. Pukekohe	Future
18/10/2019	51495743	Gravity	PVC	150	Waste	Local	34. Pukekohe	Future
18/10/2019	51495771	Gravity	PVC	150	Waste	Local	34. Pukekohe	Future
18/10/2019	51495772	Gravity	PVC	150	Waste	Local	34. Pukekohe	Future
18/10/2019	51495773	Gravity	PVC	150	Waste	Local	34. Pukekohe	Future
18/10/2019	51495774	Gravity	PVC	150	Waste	Local	34. Pukekohe	Future
18/10/2019	51495784	Gravity	PVC	150	Waste	Local	34. Pukekohe	Future
18/10/2019	51495785	Gravity	PVC	150	Waste	Local	34. Pukekohe	Future
18/10/2019	51495786	Gravity	PVC	150	Waste	Local	34. Pukekohe	Future
18/10/2019	51495787	Gravity	PVC	150	Waste	Local	34. Pukekohe	Future
18/10/2019	51495789	Gravity	PVC	150	Waste	Local	34. Pukekohe	Future
18/10/2019	51495801	Gravity	PVC	150	Waste	Local	34. Pukekohe	Future
18/10/2019	51495813	Gravity	PVC	150	Waste	Local	34. Pukekohe	Future
18/10/2019	51495740	Gravity	PVC	150	Waste	Local	34. Pukekohe	Future
18/10/2019	51495741	Gravity	PVC	150	Waste	Local	34. Pukekohe	Future
18/10/2019	51495742	Gravity	PVC	150	Waste	Local	34. Pukekohe	Future
18/10/2019	51495743	Gravity	PVC	150	Waste	Local	34. Pukekohe	Future
18/10/2019	51495771	Gravity	PVC	150	Waste	Local	34. Pukekohe	Future
18/10/2019	51495772	Gravity	PVC	150	Waste	Local	34. Pukekohe	Future
18/10/2019	51495773	Gravity	PVC	150	Waste	Local	34. Pukekohe	Future
18/10/2019	51495774	Gravity	PVC	150	Waste	Local	34. Pukekohe	Future
18/10/2019	51495784	Gravity	PVC	150	Waste	Local	34. Pukekohe	Future
18/10/2019	51495785	Gravity	PVC	150	Waste	Local	34. Pukekohe	Future
18/10/2019	51495786	Gravity	PVC	150	Waste	Local	34. Pukekohe	Future
18/10/2019	51495787	Gravity	PVC	150	Waste	Local	34. Pukekohe	Future
18/10/2019	51495789	Gravity	PVC	150	Waste	Local	34. Pukekohe	Future
18/10/2019	51495801	Gravity	PVC	150	Waste	Local	34. Pukekohe	Future
18/10/2019	51495813	Gravity	PVC	150	Waste	Local	34. Pukekohe	Future
18/10/2019	51495745	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/10/2019	51495747	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
18/10/2019	51495749	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/10/2019	51495751	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/10/2019	51495753	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/10/2019	51495755	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/10/2019	51495756	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/10/2019	51495757	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/10/2019	51495758	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/10/2019	51495759	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/10/2019	51495760	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/10/2019	51495761	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/10/2019	51495762	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/10/2019	51495764	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/10/2019	51495765	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/10/2019	51495766	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/10/2019	51495775	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/10/2019	51495776	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/10/2019	51495777	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/10/2019	51495778	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/10/2019	51495779	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/10/2019	51495792	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/10/2019	51495793	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/10/2019	51495794	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/10/2019	51495795	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/10/2019	51495796	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/10/2019	51495797	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/10/2019	51495803	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/10/2019	51495806	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/10/2019	51495807	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/10/2019	51495808	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/10/2019	51495809	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
18/10/2019	51495810	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/10/2019	51495811	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/10/2019	51495814	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/10/2019	51495815	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/10/2019	51495816	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/10/2019	51495817	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/10/2019	51495818	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/10/2019	51495819	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/10/2019	51495820	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/10/2019	51495821	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/10/2019	51495822	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/10/2019	51495823	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/10/2019	51495824	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/10/2019	51495825	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/10/2019	51495826	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/10/2019	51495827	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/10/2019	51495828	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/10/2019	51495829	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/10/2019	51495830	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/10/2019	51495831	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/10/2019	51495832	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/10/2019	51495833	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/10/2019	51495834	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/10/2019	51495835	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/10/2019	51495836	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/10/2019	51495837	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/10/2019	51495745	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/10/2019	51495747	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/10/2019	51495749	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/10/2019	51495751	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
18/10/2019	51495753	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/10/2019	51495755	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/10/2019	51495756	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/10/2019	51495757	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/10/2019	51495758	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/10/2019	51495759	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/10/2019	51495760	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/10/2019	51495761	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/10/2019	51495762	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/10/2019	51495764	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/10/2019	51495765	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/10/2019	51495766	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/10/2019	51495775	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/10/2019	51495776	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/10/2019	51495777	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/10/2019	51495778	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/10/2019	51495779	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/10/2019	51495792	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/10/2019	51495793	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/10/2019	51495794	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/10/2019	51495795	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/10/2019	51495796	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/10/2019	51495797	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/10/2019	51495803	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/10/2019	51495806	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/10/2019	51495807	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/10/2019	51495808	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/10/2019	51495809	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/10/2019	51495810	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/10/2019	51495811	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
18/10/2019	51495814	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/10/2019	51495815	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/10/2019	51495816	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/10/2019	51495817	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/10/2019	51495818	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/10/2019	51495819	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/10/2019	51495820	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/10/2019	51495821	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/10/2019	51495822	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/10/2019	51495823	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/10/2019	51495824	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/10/2019	51495825	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/10/2019	51495826	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/10/2019	51495827	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/10/2019	51495828	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/10/2019	51495829	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/10/2019	51495830	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/10/2019	51495831	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/10/2019	51495832	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/10/2019	51495833	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/10/2019	51495834	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/10/2019	51495835	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/10/2019	51495836	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
18/10/2019	51495837	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
22/11/2019	51501198	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Existing
22/11/2019	51501199	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Existing
22/11/2019	51501200	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Existing
22/11/2019	51501198	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Existing
22/11/2019	51501199	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Existing
22/11/2019	51501200	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
31/01/2020	51512874	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Existing
31/01/2020	51512877	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Existing
31/01/2020	51512874	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Existing
31/01/2020	51512877	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Existing
13/02/2020	51509996	Gravity	PVC	150	Waste	Local	34. Pukekohe	Existing
13/02/2020	51509998	Gravity	PVC	150	Waste	Local	34. Pukekohe	Existing
13/02/2020	51509996	Gravity	PVC	150	Waste	Local	34. Pukekohe	Existing
13/02/2020	51509998	Gravity	PVC	150	Waste	Local	34. Pukekohe	Existing
13/02/2020	51510012	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Existing
13/02/2020	51510013	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Existing
13/02/2020	51510012	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Existing
13/02/2020	51510013	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Existing
25/02/2020	51517853	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Existing
25/02/2020	51517855	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Existing
25/02/2020	51517856	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Existing
25/02/2020	51517858	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Existing
25/02/2020	51517859	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Existing
25/02/2020	51517853	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Existing
25/02/2020	51517855	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Existing
25/02/2020	51517856	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Existing
25/02/2020	51517858	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Existing
25/02/2020	51517859	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Existing
11/03/2020	51510280	Gravity	PVC	150	Waste	Local	34. Pukekohe	Future
11/03/2020	51510281	Gravity	PVC	150	Waste	Local	34. Pukekohe	Future
11/03/2020	51510280	Gravity	PVC	150	Waste	Local	34. Pukekohe	Future
11/03/2020	51510281	Gravity	PVC	150	Waste	Local	34. Pukekohe	Future
11/03/2020	51510282	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
11/03/2020	51510283	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
11/03/2020	51510284	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
11/03/2020	51510285	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
11/03/2020	51510282	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
11/03/2020	51510283	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
11/03/2020	51510284	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
11/03/2020	51510285	Gravity Connection	PVC	100	Waste	Local	34. Pukekohe	Future
25/07/2019	51466360	Pressure Conn	PE	50	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
25/07/2019	51466361	Pressure Conn	PE	50	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
25/07/2019	51466363	Pressure Conn	PE	50	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
25/07/2019	51466367	Pressure Conn	PE	50	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
25/07/2019	51466368	Pressure Conn	PE	50	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
25/07/2019	51466370	Pressure Conn	PE	50	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
25/07/2019	51466372	Pressure Conn	PE	50	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
25/07/2019	51466374	Pressure Conn	PE	50	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
25/07/2019	51466377	Pressure Conn	PE	50	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
25/07/2019	51466378	Pressure Conn	PE	50	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
25/07/2019	51466381	Pressure Conn	PE	50	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
25/07/2019	51466382	Pressure Conn	PE	50	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
25/07/2019	51466385	Pressure Conn	PE	50	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
25/07/2019	51466386	Pressure Conn	PE	50	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
25/07/2019	51466389	Pressure Conn	PE	50	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
25/07/2019	51466390	Pressure Conn	PE	50	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
25/07/2019	51466393	Pressure Conn	PE	50	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
25/07/2019	51466394	Pressure Conn	PE	50	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
25/07/2019	51466397	Pressure Conn	PE	50	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
25/07/2019	51466398	Pressure Conn	PE	50	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
25/07/2019	51466360	Pressure Conn	PE	50	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
25/07/2019	51466361	Pressure Conn	PE	50	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
25/07/2019	51466363	Pressure Conn	PE	50	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
25/07/2019	51466367	Pressure Conn	PE	50	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
25/07/2019	51466368	Pressure Conn	PE	50	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
25/07/2019	51466370	Pressure Conn	PE	50	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
25/07/2019	51466372	Pressure Conn	PE	50	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
25/07/2019	51466374	Pressure Conn	PE	50	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
25/07/2019	51466377	Pressure Conn	PE	50	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
25/07/2019	51466378	Pressure Conn	PE	50	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
25/07/2019	51466381	Pressure Conn	PE	50	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
25/07/2019	51466382	Pressure Conn	PE	50	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
25/07/2019	51466385	Pressure Conn	PE	50	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
25/07/2019	51466386	Pressure Conn	PE	50	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
25/07/2019	51466389	Pressure Conn	PE	50	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
25/07/2019	51466390	Pressure Conn	PE	50	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
25/07/2019	51466393	Pressure Conn	PE	50	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
25/07/2019	51466394	Pressure Conn	PE	50	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
25/07/2019	51466397	Pressure Conn	PE	50	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
25/07/2019	51466398	Pressure Conn	PE	50	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
12/08/2019	51290464	Pressure Conn	PE	50	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
12/08/2019	51290467	Pressure Conn	PE	50	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
12/08/2019	51290472	Pressure Conn	PE	50	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
12/08/2019	51290473	Pressure Conn	PE	50	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
12/08/2019	51290475	Pressure Conn	PE	50	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
12/08/2019	51290476	Pressure Conn	PE	50	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
12/08/2019	51290464	Pressure Conn	PE	50	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
12/08/2019	51290467	Pressure Conn	PE	50	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
12/08/2019	51290472	Pressure Conn	PE	50	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
12/08/2019	51290473	Pressure Conn	PE	50	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
12/08/2019	51290475	Pressure Conn	PE	50	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
12/08/2019	51290476	Pressure Conn	PE	50	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
19/09/2019	51468686	Pressure Conn	PE	50	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
19/09/2019	51468688	Pressure Conn	PE	50	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
19/09/2019	51468689	Pressure Conn	PE	50	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
19/09/2019	51468690	Pressure Conn	PE	50	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
19/09/2019	51468694	Pressure Conn	PE	50	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
19/09/2019	51468695	Pressure Conn	PE	50	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
19/09/2019	51468686	Pressure Conn	PE	50	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
19/09/2019	51468688	Pressure Conn	PE	50	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
19/09/2019	51468689	Pressure Conn	PE	50	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
19/09/2019	51468690	Pressure Conn	PE	50	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
19/09/2019	51468694	Pressure Conn	PE	50	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
19/09/2019	51468695	Pressure Conn	PE	50	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
19/09/2019	51468685	Pressurised	PE	63	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
19/09/2019	51468685	Pressurised	PE	63	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
27/09/2019	51474123	Pressure Conn	PE	90	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
27/09/2019	51474122	Pressure Conn	PE	90	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
27/09/2019	51474119	Pressure Conn	PE	90	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
27/09/2019	51474115	Pressure Conn	PE	90	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
27/09/2019	51474114	Pressure Conn	PE	90	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
27/09/2019	51474112	Pressure Conn	PE	90	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
27/09/2019	51474123	Pressure Conn	PE	90	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
27/09/2019	51474122	Pressure Conn	PE	90	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
27/09/2019	51474119	Pressure Conn	PE	90	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
27/09/2019	51474115	Pressure Conn	PE	90	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
27/09/2019	51474114	Pressure Conn	PE	90	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
27/09/2019	51474112	Pressure Conn	PE	90	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
1/10/2019	51454668	Pressure Conn	PE	40	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
1/10/2019	51475001	Pressure Conn	PE	50	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
1/10/2019	51475002	Pressure Conn	PE	50	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
1/10/2019	51475019	Pressure Conn	PE	50	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
1/10/2019	51475020	Pressure Conn	PE	50	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
1/10/2019	51475024	Pressure Conn	PE	50	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
1/10/2019	51475025	Pressure Conn	PE	50	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
1/10/2019	51475029	Pressure Conn	PE	50	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
1/10/2019	51475032	Pressure Conn	PE	50	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
1/10/2019	51475033	Pressure Conn	PE	50	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
1/10/2019	51475036	Pressure Conn	PE	50	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
1/10/2019	51475037	Pressure Conn	PE	50	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
1/10/2019	51475312	Pressure Conn	PE	50	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
1/10/2019	51475313	Pressure Conn	PE	50	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
1/10/2019	51454668	Pressure Conn	PE	40	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
1/10/2019	51475001	Pressure Conn	PE	50	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
1/10/2019	51475002	Pressure Conn	PE	50	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
1/10/2019	51475019	Pressure Conn	PE	50	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
1/10/2019	51475020	Pressure Conn	PE	50	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
1/10/2019	51475024	Pressure Conn	PE	50	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
1/10/2019	51475025	Pressure Conn	PE	50	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
1/10/2019	51475029	Pressure Conn	PE	50	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
1/10/2019	51475032	Pressure Conn	PE	50	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
1/10/2019	51475033	Pressure Conn	PE	50	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
1/10/2019	51475036	Pressure Conn	PE	50	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
1/10/2019	51475037	Pressure Conn	PE	50	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
1/10/2019	51475312	Pressure Conn	PE	50	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
1/10/2019	51475313	Pressure Conn	PE	50	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
1/10/2019	51474995	Pressurised	PE	110	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
1/10/2019	51474995	Pressurised	PE	110	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
3/10/2019	51501456	Pressure Conn	PE	50	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
3/10/2019	51501456	Pressure Conn	PE	50	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
31/10/2019	51483041	Pressure Conn	PE	125	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
31/10/2019	51483041	Pressure Conn	PE	125	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
5/11/2019	51474056	Pressure Conn	PE	50	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
5/11/2019	51474056	Pressure Conn	PE	50	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
24/11/2019	51479718	Pressure Conn	PE	50	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
24/11/2019	51479719	Pressure Conn	PE	50	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing

Install Date	Compkey	Pipe Process	Material	Diameter (mm)	Network Type	Network	Catchment	Catchment Status
24/11/2019	51479720	Pressure Conn	PE	50	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
24/11/2019	51479714	Pressure Conn	PE	50	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
24/11/2019	51479713	Pressure Conn	PE	50	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
24/11/2019	51479718	Pressure Conn	PE	50	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
24/11/2019	51479719	Pressure Conn	PE	50	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
24/11/2019	51479720	Pressure Conn	PE	50	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
24/11/2019	51479714	Pressure Conn	PE	50	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
24/11/2019	51479713	Pressure Conn	PE	50	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
13/12/2019	51509131	Pressure Conn	PE	50	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
13/12/2019	51509132	Pressure Conn	PE	50	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
13/12/2019	51509131	Pressure Conn	PE	50	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
13/12/2019	51509132	Pressure Conn	PE	50	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing

Table 3-2: New wastewater manholes installed during the reporting year, 1 July 2019 to 30 June 2020, in the catchments covered by the Network Discharge Consent Permit.

Install Date	Compkey	Asset type	Process	Network Type	Network	Diameter (mm)	Catchment	Catchment Status
29/08/2019	51462129	Manhole	Grille Hinge	Waste	Local	1050	1. Wellsford	Existing
29/08/2019	51462132	Manhole	Grille Hinge	Waste	Local	1050	1. Wellsford	Existing
29/08/2019	51462140	Manhole	Grille Hinge	Waste	Local	1050	1. Wellsford	Existing
29/08/2019	51462142	Manhole	Grille Hinge	Waste	Local	1050	1. Wellsford	Existing
29/08/2019	51462144	Manhole	Grille Hinge	Waste	Local	1050	1. Wellsford	Existing
29/08/2019	51462147	Manhole	Grille Hinge	Waste	Local	1050	1. Wellsford	Existing
29/08/2019	51462148	Manhole	Grille Hinge	Waste	Local	1050	1. Wellsford	Existing
29/08/2019	51462149	Manhole	Grille Hinge	Waste	Local	1050	1. Wellsford	Existing
29/08/2019	51462150	Manhole	Grille Hinge	Waste	Local	1050	1. Wellsford	Existing
29/08/2019	51462130	Manhole	Grille Hinge	Waste	Local	1200	1. Wellsford	Existing
29/08/2019	51462131	Manhole	Grille Hinge	Waste	Local	1200	1. Wellsford	Existing
29/08/2019	51462146	Manhole	Grille Hinge	Waste	Local	1200	1. Wellsford	Existing
14/07/2010	51488010	Manhole	Standard	Waste	Local	1050	3. Warkworth	Existing
20/05/2019	51266804	Manhole	Grille Hinge	Waste	Local	1050	3. Warkworth	Existing
20/05/2019	51266805	Manhole	Grille Hinge	Waste	Local	1050	3. Warkworth	Existing
20/05/2019	51266807	Manhole	Grille Hinge	Waste	Local	1050	3. Warkworth	Existing
20/05/2019	51266811	Manhole	Grille Hinge	Waste	Local	1050	3. Warkworth	Existing
20/05/2019	51266832	Manhole	Grille Hinge	Waste	Local	1050	3. Warkworth	Existing
20/05/2019	51266843	Manhole	Grille Hinge	Waste	Local	1050	3. Warkworth	Existing
20/05/2019	51266893	Manhole	Grille Hinge	Waste	Local	1050	3. Warkworth	Existing
20/05/2019	51266895	Manhole	Grille Hinge	Waste	Local	1050	3. Warkworth	Existing
20/05/2019	51266914	Manhole	Grille Hinge	Waste	Local	1050	3. Warkworth	Existing
20/05/2019	51266940	Manhole	Grille Hinge	Waste	Local	1050	3. Warkworth	Existing
20/05/2019	51266915	Manhole	Grille Hinge	Waste	Local	1050	3. Warkworth	Existing
20/05/2019	51266942	Manhole	Grille Hinge	Waste	Local	1050	3. Warkworth	Existing
20/05/2019	51266955	Manhole	Grille Hinge	Waste	Local	1050	3. Warkworth	Existing
20/05/2019	51266958	Manhole	Grille Hinge	Waste	Local	1050	3. Warkworth	Existing
20/05/2019	51266982	Manhole	Grille Hinge	Waste	Local	1050	3. Warkworth	Existing

Install Date	Compkey	Asset type	Process	Network Type	Network	Diameter (mm)	Catchment	Catchment Status
20/05/2019	51266984	Manhole	Grille Hinge	Waste	Local	1050	3. Warkworth	Existing
20/05/2019	51266987	Manhole	Grille Hinge	Waste	Local	1050	3. Warkworth	Existing
20/05/2019	51267038	Manhole	Grille Hinge	Waste	Local	1050	3. Warkworth	Existing
20/05/2019	51266944	Manhole	Grille Hinge	Waste	Local	1200	3. Warkworth	Existing
17/09/2019	51461992	Manhole	Grille Hinge	Waste	Local	1050	3. Warkworth	Existing
4/02/2020	51508949	Manhole	Grille Hinge	Waste	Local		3. Warkworth	Existing
4/02/2020	51508957	Manhole	Grille Hinge	Waste	Local		3. Warkworth	Existing
4/02/2020	51508950	Manhole	Grille Hinge	Waste	Local		3. Warkworth	Future
4/02/2020	51508951	Manhole	Grille Hinge	Waste	Local		3. Warkworth	Future
7/02/2020	51509317	Manhole	Grille Hinge	Waste	Local		3. Warkworth	Existing
9/07/2018	51494277	Manhole	Grille Hinge	Waste	Local	1050	6. Helensville	Existing
9/07/2018	51494278	Manhole	Grille Hinge	Waste	Local	1050	6. Helensville	Existing
9/07/2018	51494281	Manhole	Grille Hinge	Waste	Local	1050	6. Helensville	Existing
9/07/2018	51494282	Manhole	Grille Hinge	Waste	Local	1050	6. Helensville	Existing
9/07/2018	51494289	Manhole	Grille Hinge	Waste	Local	1050	6. Helensville	Existing
9/07/2018	51494291	Manhole	Grille Hinge	Waste	Local	1050	6. Helensville	Existing
9/07/2018	51494293	Manhole	Grille Hinge	Waste	Local	1050	6. Helensville	Existing
9/07/2018	51494295	Manhole	Grille Hinge	Waste	Local	1050	6. Helensville	Existing
9/07/2018	51494378	Manhole	Grille Hinge	Waste	Local	1050	6. Helensville	Existing
9/07/2018	51494385	Manhole	Grille Hinge	Waste	Local	1050	6. Helensville	Existing
9/07/2018	51494405	Manhole	Grille Hinge	Waste	Local	1050	6. Helensville	Existing
9/07/2018	51494409	Manhole	Grille Hinge	Waste	Local	1050	6. Helensville	Existing
9/07/2018	51494412	Manhole	Grille Hinge	Waste	Local	1050	6. Helensville	Existing
9/07/2018	51494425	Manhole	Grille Hinge	Waste	Local	1050	6. Helensville	Existing
9/07/2018	51494427	Manhole	Grille Hinge	Waste	Local	1050	6. Helensville	Existing
9/07/2018	51494429	Manhole	Grille Hinge	Waste	Local	1050	6. Helensville	Existing
9/07/2018	51494431	Manhole	Grille Hinge	Waste	Local	1050	6. Helensville	Existing
9/07/2018	51494432	Manhole	Grille Hinge	Waste	Local	1050	6. Helensville	Existing
9/07/2018	51494435	Manhole	Grille Hinge	Waste	Local	1050	6. Helensville	Existing
9/07/2018	51494437	Manhole	Grille Hinge	Waste	Local	1050	6. Helensville	Existing
9/07/2018	51494439	Manhole	Grille Hinge	Waste	Local	1050	6. Helensville	Existing

Install Date	Compkey	Asset type	Process	Network Type	Network	Diameter (mm)	Catchment	Catchment Status
9/07/2018	51494440	Manhole	Grille Hinge	Waste	Local	1050	6. Helensville	Existing
9/07/2018	51494441	Manhole	Grille Hinge	Waste	Local	1050	6. Helensville	Existing
9/07/2018	51494445	Manhole	Grille Hinge	Waste	Local	1050	6. Helensville	Existing
9/07/2018	51494447	Manhole	Grille Hinge	Waste	Local	1050	6. Helensville	Existing
9/07/2018	51494449	Manhole	Grille Hinge	Waste	Local	1050	6. Helensville	Existing
9/07/2018	51494272	Manhole	Grille Hinge	Waste	Local	1200	6. Helensville	Existing
9/07/2018	51494273	Manhole	Grille Hinge	Waste	Local	1200	6. Helensville	Existing
9/07/2018	51494285	Manhole	Grille Hinge	Waste	Local	1200	6. Helensville	Existing
9/07/2018	51494286	Manhole	Grille Hinge	Waste	Local	1200	6. Helensville	Existing
29/11/2018	51447255	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Existing
29/11/2018	51447257	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Existing
29/11/2018	51447271	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Existing
29/11/2018	51447273	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Existing
29/11/2018	51447274	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Existing
29/11/2018	51447276	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Existing
29/11/2018	51447283	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Existing
29/11/2018	51447290	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Existing
29/11/2018	51447292	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Existing
29/11/2018	51447294	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Existing
29/11/2018	51447295	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Existing
29/11/2018	51447296	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Existing
29/11/2018	51447331	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Existing
29/11/2018	51447334	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Existing
29/11/2018	51447335	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Existing
29/11/2018	51447337	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Existing
29/11/2018	51447338	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Existing
29/11/2018	51447339	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Existing
29/11/2018	51447340	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Existing
29/11/2018	51447498	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Existing
29/11/2018	51449642	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Existing
29/11/2018	51450766	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Existing

Install Date	Compkey	Asset type	Process	Network Type	Network	Diameter (mm)	Catchment	Catchment Status
29/11/2018	51450767	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Existing
29/11/2018	51447111	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Existing
29/11/2018	51447116	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Existing
29/11/2018	51447117	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Existing
29/11/2018	51447118	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Existing
29/11/2018	51447119	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Existing
29/11/2018	51447120	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Existing
29/11/2018	51447121	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Existing
29/11/2018	51447122	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Existing
29/11/2018	51447123	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Existing
29/11/2018	51447154	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Existing
29/11/2018	51447156	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Existing
29/11/2018	51447157	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Existing
29/11/2018	51447158	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Existing
29/11/2018	51447159	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Existing
29/11/2018	51447183	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Existing
29/11/2018	51447184	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Existing
29/11/2018	51447185	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Existing
29/11/2018	51447186	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Existing
29/11/2018	51447187	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Existing
29/11/2018	51447199	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Existing
29/11/2018	51447200	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Existing
29/11/2018	51447201	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Existing
29/11/2018	51447210	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Existing
29/11/2018	51447212	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Existing
29/11/2018	51447216	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Existing
29/11/2018	51447217	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Existing
29/11/2018	51447218	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Existing
29/11/2018	51447225	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Existing
29/11/2018	51447226	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Existing
29/11/2018	51447227	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Existing

Install Date	Compkey	Asset type	Process	Network Type	Network	Diameter (mm)	Catchment	Catchment Status
29/11/2018	51447253	Manhole	Grille Hinge	Waste	Local	1200	7. Orewa	Existing
29/11/2018	51447254	Manhole	Grille Hinge	Waste	Local	1200	7. Orewa	Existing
29/11/2018	51447293	Manhole	Grille Hinge	Waste	Local	1200	7. Orewa	Existing
29/11/2018	51447181	Manhole	Grille Hinge	Waste	Local	1200	7. Orewa	Existing
22/03/2019	51298294	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Existing
22/03/2019	51298305	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Existing
22/03/2019	51298308	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Existing
22/03/2019	51298310	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Existing
22/03/2019	51298318	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Existing
22/03/2019	51298321	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Existing
22/03/2019	51298323	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Existing
22/03/2019	51298325	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Existing
22/03/2019	51298327	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Existing
22/03/2019	51298328	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Existing
22/03/2019	51298331	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Existing
22/03/2019	51298333	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Existing
22/03/2019	51298335	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Existing
22/03/2019	51298338	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Existing
22/03/2019	51298347	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Existing
22/03/2019	51298349	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Existing
22/03/2019	51298351	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Existing
22/03/2019	51298353	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Existing
22/03/2019	51298757	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Existing
22/03/2019	51298759	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Existing
22/03/2019	51298761	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Existing
22/03/2019	51298763	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Existing
22/03/2019	51298765	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Existing
22/03/2019	51298767	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Existing
22/03/2019	51298769	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Existing
22/03/2019	51298774	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Existing
22/03/2019	51298776	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Existing

Install Date	Compkey	Asset type	Process	Network Type	Network	Diameter (mm)	Catchment	Catchment Status
22/03/2019	51298778	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Existing
22/03/2019	51298780	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Existing
22/03/2019	51298782	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Existing
22/03/2019	51298784	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Existing
22/03/2019	51298786	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Existing
22/03/2019	51298788	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Existing
22/03/2019	51298790	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Existing
22/03/2019	51298792	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Existing
22/03/2019	51298798	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Existing
22/03/2019	51298799	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Existing
22/03/2019	51298801	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Existing
22/03/2019	51298803	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Existing
22/03/2019	51298805	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Existing
22/03/2019	51298301	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Existing
22/03/2019	51298312	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Existing
22/03/2019	51298794	Manhole	Grille Hinge	Waste	Local	2300	7. Orewa	Existing
24/04/2019	51270287	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Future
24/04/2019	51270289	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Future
24/04/2019	51270290	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Future
24/04/2019	51270300	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Future
24/04/2019	51270301	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Future
24/04/2019	51270302	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Future
24/04/2019	51270304	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Future
24/04/2019	51270306	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Future
24/04/2019	51270308	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Future
24/04/2019	51270312	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Future
24/04/2019	51270313	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Future
24/04/2019	51270314	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Future
24/04/2019	51270315	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Future
24/04/2019	51270316	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Future
24/04/2019	51270317	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Future

Install Date	Compkey	Asset type	Process	Network Type	Network	Diameter (mm)	Catchment	Catchment Status
24/04/2019	51270318	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Future
24/04/2019	51270320	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Future
24/04/2019	51270334	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Future
24/04/2019	51270336	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Future
24/04/2019	51270344	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Future
24/04/2019	51270347	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Future
24/04/2019	51270360	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Future
24/04/2019	51270378	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Future
24/04/2019	51270380	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Future
24/04/2019	51270381	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Future
24/04/2019	51270383	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Future
24/04/2019	51270385	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Future
24/04/2019	51270395	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Future
24/04/2019	51270241	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Future
24/04/2019	51270555	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Future
24/04/2019	51270556	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Future
24/04/2019	51270557	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Future
24/04/2019	51270558	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Future
24/04/2019	51270559	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Future
24/04/2019	51270560	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Future
24/04/2019	51270561	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Future
24/04/2019	51270562	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Future
24/04/2019	51270563	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Future
24/04/2019	51270564	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Future
24/04/2019	51270567	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Future
24/04/2019	51270568	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Future
24/04/2019	51270569	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Future
24/04/2019	51270570	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Future
24/04/2019	51270571	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Future
24/04/2019	51270285	Manhole	Grille Hinge	Waste	Local	1200	7. Orewa	Future
24/04/2019	51270363	Manhole	Grille Hinge	Waste	Local	1200	7. Orewa	Future

Install Date	Compkey	Asset type	Process	Network Type	Network	Diameter (mm)	Catchment	Catchment Status
24/04/2019	51270375	Manhole	Grille Hinge	Waste	Local	1200	7. Orewa	Future
24/04/2019	51270379	Manhole	Grille Hinge	Waste	Local	1200	7. Orewa	Future
24/04/2019	51270390	Manhole	Grille Hinge	Waste	Local	1200	7. Orewa	Future
24/04/2019	51270506	Manhole	Grille Hinge	Waste	Local	1500	7. Orewa	Future
24/04/2019	51270348	Manhole	Grille Hinge	Waste	Local	1500	7. Orewa	Future
24/04/2019	51270349	Manhole	Grille Hinge	Waste	Local	1500	7. Orewa	Future
24/04/2019	51270350	Manhole	Grille Hinge	Waste	Local	1500	7. Orewa	Future
24/04/2019	51270351	Manhole	Grille Hinge	Waste	Local	1500	7. Orewa	Future
24/04/2019	51270353	Manhole	Grille Hinge	Waste	Local	1500	7. Orewa	Future
24/04/2019	51270354	Manhole	Grille Hinge	Waste	Local	1500	7. Orewa	Future
24/04/2019	51270356	Manhole	Grille Hinge	Waste	Local	1500	7. Orewa	Future
24/04/2019	51270361	Manhole	Grille Hinge	Waste	Local	1500	7. Orewa	Future
24/04/2019	51270366	Manhole	Grille Hinge	Waste	Local	1500	7. Orewa	Future
24/04/2019	51270368	Manhole	Grille Hinge	Waste	Local	1500	7. Orewa	Future
24/04/2019	51270398	Manhole	Grille Hinge	Waste	Local	1500	7. Orewa	Future
24/04/2019	51270401	Manhole	Grille Hinge	Waste	Local	1500	7. Orewa	Future
24/04/2019	51270402	Manhole	Grille Hinge	Waste	Local	1500	7. Orewa	Future
24/04/2019	51270403	Manhole	Grille Hinge	Waste	Local	1500	7. Orewa	Future
24/04/2019	51270404	Manhole	Grille Hinge	Waste	Local	1500	7. Orewa	Future
24/04/2019	51270565	Manhole	Grille Hinge	Waste	Local	1500	7. Orewa	Future
24/04/2019	51270566	Manhole	Grille Hinge	Waste	Local	1500	7. Orewa	Future
24/04/2019	51270691	Manhole	Grille Hinge	Waste	Local	1500	7. Orewa	Future
24/04/2019	51270692	Manhole	Grille Hinge	Waste	Local	1500	7. Orewa	Future
24/04/2019	51270693	Manhole	Grille Hinge	Waste	Local	1500	7. Orewa	Future
24/04/2019	51270695	Manhole	Grille Hinge	Waste	Local	1500	7. Orewa	Future
24/04/2019	51270694	Manhole	Grille Hinge	Waste	Local	1500	7. Orewa	Future
5/06/2019	51263810	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Future
5/06/2019	51263811	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Future
5/06/2019	51263812	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Future
5/06/2019	51263814	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Future
5/06/2019	51263829	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Future

Install Date	Compkey	Asset type	Process	Network Type	Network	Diameter (mm)	Catchment	Catchment Status
5/06/2019	51263837	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Future
5/06/2019	51263840	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Future
5/06/2019	51263841	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Future
5/06/2019	51263854	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Future
5/06/2019	51263856	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Future
5/06/2019	51263857	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Future
5/06/2019	51263858	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Future
5/06/2019	51263881	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Future
5/06/2019	51263882	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Future
5/06/2019	51263886	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Future
5/06/2019	51263887	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Future
5/06/2019	51263832	Manhole	Grille Hinge	Waste	Local	1200	7. Orewa	Future
5/06/2019	51263831	Manhole	Grille Hinge	Waste	Local	1200	7. Orewa	Future
5/06/2019	51263842	Manhole	Grille Hinge	Waste	Local	1200	7. Orewa	Future
5/06/2019	51263843	Manhole	Grille Hinge	Waste	Local	1200	7. Orewa	Future
5/06/2019	51263877	Manhole	Grille Hinge	Waste	Local	1200	7. Orewa	Future
13/06/2019	51312520	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Future
13/06/2019	51312521	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Future
13/06/2019	51312522	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Future
13/06/2019	51312523	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Future
13/06/2019	51312540	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Future
13/06/2019	51312541	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Future
13/06/2019	51312545	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Future
13/06/2019	51312570	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Future
13/06/2019	51312584	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Future
13/06/2019	51312585	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Future
13/06/2019	51312592	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Future
13/06/2019	51312628	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Future
13/06/2019	51312597	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Future
13/06/2019	51312598	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Future
13/06/2019	51312655	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Future

Install Date	Compkey	Asset type	Process	Network Type	Network	Diameter (mm)	Catchment	Catchment Status
13/06/2019	51312656	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Future
13/06/2019	51312657	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Future
13/06/2019	51312662	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Future
13/06/2019	51312675	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Future
13/06/2019	51312677	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Future
13/06/2019	51312678	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Future
13/06/2019	51312679	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Future
13/06/2019	51312680	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Future
13/06/2019	51312681	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Future
13/06/2019	51312682	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Future
13/06/2019	51312683	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Future
13/06/2019	51312684	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Future
13/06/2019	51312690	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Future
13/06/2019	51312691	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Future
13/06/2019	51312692	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Future
13/06/2019	51312693	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Future
13/06/2019	51312694	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Future
13/06/2019	51312695	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Future
13/06/2019	51312696	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Future
13/06/2019	51312697	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Future
13/06/2019	51312698	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Future
13/06/2019	51312699	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Future
13/06/2019	51312700	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Future
13/06/2019	51312701	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Future
13/06/2019	51312702	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Future
13/06/2019	51312703	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Future
13/06/2019	51312704	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Future
13/06/2019	51312705	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Future
13/06/2019	51312706	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Future
13/06/2019	51312707	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Future
13/06/2019	51312715	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Future

Install Date	Compkey	Asset type	Process	Network Type	Network	Diameter (mm)	Catchment	Catchment Status
13/06/2019	51312539	Manhole	Grille Hinge	Waste	Local	1200	7. Orewa	Future
13/06/2019	51312543	Manhole	Grille Hinge	Waste	Local	1200	7. Orewa	Future
13/06/2019	51312586	Manhole	Grille Hinge	Waste	Local	1200	7. Orewa	Future
13/06/2019	51312676	Manhole	Grille Hinge	Waste	Local	1200	7. Orewa	Future
13/06/2019	51312685	Manhole	Grille Hinge	Waste	Local	1200	7. Orewa	Future
13/06/2019	51312686	Manhole	Grille Hinge	Waste	Local	1200	7. Orewa	Future
13/06/2019	51312687	Manhole	Grille Hinge	Waste	Local	1200	7. Orewa	Future
13/06/2019	51312688	Manhole	Grille Hinge	Waste	Local	1200	7. Orewa	Future
13/06/2019	51312689	Manhole	Grille Hinge	Waste	Local	1200	7. Orewa	Future
24/07/2019	51446950	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Existing
24/07/2019	51446951	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Existing
24/07/2019	51446952	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Existing
24/07/2019	51446953	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Existing
24/07/2019	51446955	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Existing
11/08/2019	51467566	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Existing
12/08/2019	51518027	Manhole	Grille Hinge	Waste	Local		7. Orewa	Existing
12/08/2019	51518029	Manhole	Grille Hinge	Waste	Local		7. Orewa	Existing
21/08/2019	51453729	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Existing
23/09/2019	51472546	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Existing
23/09/2019	51472568	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Existing
23/09/2019	51472570	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Existing
23/09/2019	51472578	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Existing
23/09/2019	51472579	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Existing
23/09/2019	51472581	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Existing
23/09/2019	51472585	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Existing
23/09/2019	51472613	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Existing
23/09/2019	51472614	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Existing
23/09/2019	51472615	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Existing
23/09/2019	51472618	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Existing
23/09/2019	51472628	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Existing
23/09/2019	51472630	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Existing

Install Date	Compkey	Asset type	Process	Network Type	Network	Diameter (mm)	Catchment	Catchment Status
23/09/2019	51472632	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Existing
23/09/2019	51472633	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Existing
23/09/2019	51472537	Manhole	Grille Hinge	Waste	Local	1200	7. Orewa	Existing
23/09/2019	51472538	Manhole	Grille Hinge	Waste	Local	1200	7. Orewa	Existing
23/09/2019	51472539	Manhole	Grille Hinge	Waste	Local	1200	7. Orewa	Existing
23/09/2019	51472540	Manhole	Grille Hinge	Waste	Local	1200	7. Orewa	Existing
23/09/2019	51472571	Manhole	Grille Hinge	Waste	Local	1200	7. Orewa	Existing
23/09/2019	51472572	Manhole	Grille Hinge	Waste	Local	1200	7. Orewa	Existing
23/09/2019	51472609	Manhole	Grille Hinge	Waste	Local	1200	7. Orewa	Existing
23/09/2019	51472616	Manhole	Grille Hinge	Waste	Local	1200	7. Orewa	Existing
23/09/2019	51472617	Manhole	Grille Hinge	Waste	Local	1200	7. Orewa	Existing
23/09/2019	51472626	Manhole	Grille Hinge	Waste	Local	1200	7. Orewa	Existing
23/10/2019	51475101	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Existing
23/10/2019	51475102	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Existing
23/10/2019	51475119	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Existing
23/10/2019	51475121	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Existing
27/11/2019	51508402	Manhole	Grille Hinge	Waste	Local		7. Orewa	Existing
27/11/2019	51508404	Manhole	Grille Hinge	Waste	Local		7. Orewa	Existing
27/11/2019	51508405	Manhole	Grille Hinge	Waste	Local		7. Orewa	Existing
27/11/2019	51508406	Manhole	Grille Hinge	Waste	Local		7. Orewa	Existing
27/11/2019	51508408	Manhole	Grille Hinge	Waste	Local		7. Orewa	Existing
27/11/2019	51508472	Manhole	Grille Hinge	Waste	Local		7. Orewa	Existing
27/11/2019	51508481	Manhole	Grille Hinge	Waste	Local		7. Orewa	Existing
27/11/2019	51508484	Manhole	Grille Hinge	Waste	Local		7. Orewa	Existing
27/11/2019	51508485	Manhole	Grille Hinge	Waste	Local		7. Orewa	Existing
27/11/2019	51508486	Manhole	Grille Hinge	Waste	Local		7. Orewa	Existing
27/11/2019	51508487	Manhole	Grille Hinge	Waste	Local		7. Orewa	Existing
27/11/2019	51509004	Manhole	Grille Hinge	Waste	Local		7. Orewa	Existing
27/11/2019	51509005	Manhole	Grille Hinge	Waste	Local		7. Orewa	Existing
27/11/2019	51509006	Manhole	Grille Hinge	Waste	Local		7. Orewa	Existing
27/11/2019	51157561	Manhole	Grille Hinge	Waste	Local		7. Orewa	Existing

Install Date	Compkey	Asset type	Process	Network Type	Network	Diameter (mm)	Catchment	Catchment Status
27/11/2019	51509007	Manhole	Grille Hinge	Waste	Local		7. Orewa	Existing
27/11/2019	51510102	Manhole	Grille Hinge	Waste	Local		7. Orewa	Existing
27/11/2019	51510103	Manhole	Grille Hinge	Waste	Local		7. Orewa	Existing
27/11/2019	51510104	Manhole	Grille Hinge	Waste	Local		7. Orewa	Existing
27/11/2019	51510105	Manhole	Grille Hinge	Waste	Local		7. Orewa	Existing
27/11/2019	51510106	Manhole	Grille Hinge	Waste	Local		7. Orewa	Existing
27/11/2019	51510107	Manhole	Grille Hinge	Waste	Local		7. Orewa	Existing
27/11/2019	51510108	Manhole	Grille Hinge	Waste	Local		7. Orewa	Existing
27/11/2019	51510109	Manhole	Grille Hinge	Waste	Local		7. Orewa	Existing
27/11/2019	51510110	Manhole	Grille Hinge	Waste	Local		7. Orewa	Existing
27/11/2019	51510111	Manhole	Grille Hinge	Waste	Local		7. Orewa	Existing
27/11/2019	51510112	Manhole	Grille Hinge	Waste	Local		7. Orewa	Existing
27/11/2019	51510113	Manhole	Grille Hinge	Waste	Local		7. Orewa	Existing
27/11/2019	51510114	Manhole	Grille Hinge	Waste	Local		7. Orewa	Existing
27/11/2019	51510115	Manhole	Grille Hinge	Waste	Local		7. Orewa	Existing
27/11/2019	51510116	Manhole	Grille Hinge	Waste	Local		7. Orewa	Existing
27/11/2019	51510117	Manhole	Grille Hinge	Waste	Local		7. Orewa	Existing
27/11/2019	51510118	Manhole	Grille Hinge	Waste	Local		7. Orewa	Existing
27/11/2019	51510119	Manhole	Grille Hinge	Waste	Local		7. Orewa	Existing
27/11/2019	51510120	Manhole	Grille Hinge	Waste	Local		7. Orewa	Existing
27/11/2019	51510121	Manhole	Grille Hinge	Waste	Local		7. Orewa	Existing
27/11/2019	51510122	Manhole	Grille Hinge	Waste	Local		7. Orewa	Existing
27/11/2019	51510123	Manhole	Grille Hinge	Waste	Local		7. Orewa	Existing
27/11/2019	51510124	Manhole	Grille Hinge	Waste	Local		7. Orewa	Existing
27/11/2019	51510125	Manhole	Grille Hinge	Waste	Local		7. Orewa	Existing
27/11/2019	51510126	Manhole	Grille Hinge	Waste	Local		7. Orewa	Existing
27/11/2019	51510138	Manhole	Grille Hinge	Waste	Local		7. Orewa	Existing
27/11/2019	51510560	Manhole	Grille Hinge	Waste	Local		7. Orewa	Existing
27/11/2019	51510561	Manhole	Grille Hinge	Waste	Local		7. Orewa	Existing
27/11/2019	51510562	Manhole	Grille Hinge	Waste	Local		7. Orewa	Existing
27/11/2019	51510563	Manhole	Grille Hinge	Waste	Local		7. Orewa	Existing

Install Date	Compkey	Asset type	Process	Network Type	Network	Diameter (mm)	Catchment	Catchment Status
27/11/2019	51510564	Manhole	Grille Hinge	Waste	Local		7. Orewa	Existing
27/11/2019	51510565	Manhole	Grille Hinge	Waste	Local		7. Orewa	Existing
27/11/2019	51510617	Manhole	Grille Hinge	Waste	Local		7. Orewa	Existing
27/11/2019	51510620	Manhole	Grille Hinge	Waste	Local		7. Orewa	Existing
27/11/2019	51510733	Manhole	Grille Hinge	Waste	Local		7. Orewa	Existing
27/11/2019	51510734	Manhole	Grille Hinge	Waste	Local		7. Orewa	Existing
27/11/2019	51510735	Manhole	Grille Hinge	Waste	Local		7. Orewa	Existing
27/11/2019	51510736	Manhole	Grille Hinge	Waste	Local		7. Orewa	Existing
29/11/2019	51509958	Manhole	Grille Hinge	Waste	Local		7. Orewa	Existing
29/11/2019	51509960	Manhole	Grille Hinge	Waste	Local		7. Orewa	Existing
29/11/2019	51509961	Manhole	Grille Hinge	Waste	Local		7. Orewa	Existing
29/11/2019	51509963	Manhole	Grille Hinge	Waste	Local		7. Orewa	Existing
29/11/2019	51509973	Manhole	Grille Hinge	Waste	Local		7. Orewa	Existing
29/11/2019	51510011	Manhole	Grille Hinge	Waste	Local		7. Orewa	Existing
10/12/2019	51501374	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Future
10/12/2019	51501375	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Future
10/12/2019	51501376	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Future
10/12/2019	51501377	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Future
10/12/2019	51501378	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Future
10/12/2019	51501385	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Future
10/12/2019	51501399	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Future
10/12/2019	51501504	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Future
10/12/2019	51501508	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Future
10/12/2019	51501509	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Future
10/12/2019	51501510	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Future
10/12/2019	51501582	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Future
10/12/2019	51501583	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Future
10/12/2019	51501584	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Future
10/12/2019	51501736	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Future
10/12/2019	51501737	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Future
10/12/2019	51501738	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Future

Install Date	Compkey	Asset type	Process	Network Type	Network	Diameter (mm)	Catchment	Catchment Status
10/12/2019	51501739	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Future
10/12/2019	51501740	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Future
10/12/2019	51501741	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Future
10/12/2019	51501760	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Future
10/12/2019	51501761	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Future
10/12/2019	51501763	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Future
10/12/2019	51501764	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Future
10/12/2019	51501765	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Future
10/12/2019	51501766	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Future
10/12/2019	51501767	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Future
10/12/2019	51501788	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Future
10/12/2019	51501794	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Future
10/12/2019	51501795	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Future
10/12/2019	51501796	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Future
10/12/2019	51501797	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Future
10/12/2019	51501798	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Future
10/12/2019	51501800	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Future
10/12/2019	51501829	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Future
10/12/2019	51501830	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Future
10/12/2019	51501920	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Future
10/12/2019	51501921	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Future
10/12/2019	51501922	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Future
10/12/2019	51501923	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Future
10/12/2019	51501924	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Future
10/12/2019	51501925	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Future
10/12/2019	51501932	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Future
10/12/2019	51501622	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Future
10/12/2019	51501623	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Future
10/12/2019	51501624	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Future
10/12/2019	51501625	Manhole	Grille Hinge	Waste	Local	1050	7. Orewa	Future
10/12/2019	51501364	Manhole	Grille Hinge	Waste	Local	1200	7. Orewa	Future

Install Date	Compkey	Asset type	Process	Network Type	Network	Diameter (mm)	Catchment	Catchment Status
10/12/2019	51501401	Manhole	Grille Hinge	Waste	Local	1200	7. Orewa	Future
10/12/2019	51501505	Manhole	Grille Hinge	Waste	Local	1200	7. Orewa	Future
10/12/2019	51501506	Manhole	Grille Hinge	Waste	Local	1200	7. Orewa	Future
10/12/2019	51501507	Manhole	Grille Hinge	Waste	Local	1200	7. Orewa	Future
10/12/2019	51501511	Manhole	Grille Hinge	Waste	Local	1200	7. Orewa	Future
10/12/2019	51501502	Manhole	Grille Hinge	Waste	Local	1500	7. Orewa	Future
10/12/2019	51501503	Manhole	Grille Hinge	Waste	Local	1500	7. Orewa	Future
11/12/2019	51510151	Manhole	Grille Hinge	Waste	Local		7. Orewa	Future
11/12/2019	51510152	Manhole	Grille Hinge	Waste	Local		7. Orewa	Future
11/12/2019	51510153	Manhole	Grille Hinge	Waste	Local		7. Orewa	Future
11/12/2019	51510159	Manhole	Grille Hinge	Waste	Local		7. Orewa	Future
11/12/2019	51510160	Manhole	Grille Hinge	Waste	Local		7. Orewa	Future
11/12/2019	51510161	Manhole	Grille Hinge	Waste	Local		7. Orewa	Future
11/12/2019	51510171	Manhole	Grille Hinge	Waste	Local		7. Orewa	Future
31/12/2019	51516940	Manhole	Grille Hinge	Waste	Local		7. Orewa	Existing
31/01/2020	51508451	Manhole	Grille Hinge	Waste	Local		7. Orewa	Existing
31/01/2020	51509180	Manhole	Grille Hinge	Waste	Local		7. Orewa	Existing
31/01/2020	51509183	Manhole	Chamber	Waste	Local		7. Orewa	Existing
24/02/2020	51510045	Manhole	Grille Hinge	Waste	Local		7. Orewa	Existing
24/02/2020	51510046	Manhole	Grille Hinge	Waste	Local		7. Orewa	Existing
3/09/2019	51466406	Manhole	Grille Hinge	Waste	Local	1050	8. Weiti	Existing
3/09/2019	51466407	Manhole	Grille Hinge	Waste	Local	1200	8. Weiti	Existing
3/09/2019	51466408	Manhole	Grille Hinge	Waste	Local	1200	8. Weiti	Existing
1/07/1975	51497302	Manhole	Standard	Waste	Local		9. Whangaparaoa	Existing
1/07/1975	51467109	Manhole	Standard	Waste	Local	1050	9. Whangaparaoa	Existing
1/07/1975	51497307	Manhole	Standard	Waste	Local	1200	9. Whangaparaoa	Existing
1/07/1975	51497308	Manhole	Standard	Waste	Local	1200	9. Whangaparaoa	Existing
27/09/2018	51263643	Manhole	Grille Hinge	Waste	Local	1050	9. Whangaparaoa	Existing
23/10/2018	51263756	Manhole	Chamber	Waste	Local	675	9. Whangaparaoa	Existing
22/11/2018	51290997	Manhole	Grille Hinge	Waste	Local	1050	9. Whangaparaoa	Existing
22/11/2018	51290998	Manhole	Grille Hinge	Waste	Local	1050	9. Whangaparaoa	Existing

Install Date	Compkey	Asset type	Process	Network Type	Network	Diameter (mm)	Catchment	Catchment Status
22/11/2018	51290999	Manhole	Grille Hinge	Waste	Local	1050	9. Whangaparaoa	Existing
22/11/2018	51291003	Manhole	Grille Hinge	Waste	Local	1050	9. Whangaparaoa	Existing
22/11/2018	51291004	Manhole	Grille Hinge	Waste	Local	1050	9. Whangaparaoa	Existing
22/11/2018	51291005	Manhole	Grille Hinge	Waste	Local	1050	9. Whangaparaoa	Existing
22/11/2018	51291006	Manhole	Grille Hinge	Waste	Local	1050	9. Whangaparaoa	Existing
22/11/2018	51291007	Manhole	Grille Hinge	Waste	Local	1050	9. Whangaparaoa	Existing
22/11/2018	51291008	Manhole	Grille Hinge	Waste	Local	1050	9. Whangaparaoa	Existing
22/11/2018	51291009	Manhole	Grille Hinge	Waste	Local	1050	9. Whangaparaoa	Existing
22/11/2018	51291010	Manhole	Grille Hinge	Waste	Local	1050	9. Whangaparaoa	Existing
22/11/2018	51291011	Manhole	Grille Hinge	Waste	Local	1050	9. Whangaparaoa	Existing
22/11/2018	51291012	Manhole	Grille Hinge	Waste	Local	1050	9. Whangaparaoa	Existing
22/11/2018	51291014	Manhole	Grille Hinge	Waste	Local	1050	9. Whangaparaoa	Existing
22/11/2018	51291015	Manhole	Grille Hinge	Waste	Local	1050	9. Whangaparaoa	Existing
22/11/2018	51291016	Manhole	Grille Hinge	Waste	Local	1050	9. Whangaparaoa	Existing
22/11/2018	51291017	Manhole	Grille Hinge	Waste	Local	1050	9. Whangaparaoa	Existing
22/11/2018	51291018	Manhole	Grille Hinge	Waste	Local	1050	9. Whangaparaoa	Existing
22/11/2018	51291019	Manhole	Grille Hinge	Waste	Local	1050	9. Whangaparaoa	Existing
22/11/2018	51291020	Manhole	Grille Hinge	Waste	Local	1050	9. Whangaparaoa	Existing
22/11/2018	51291021	Manhole	Grille Hinge	Waste	Local	1050	9. Whangaparaoa	Existing
22/11/2018	51291022	Manhole	Grille Hinge	Waste	Local	1050	9. Whangaparaoa	Existing
22/11/2018	51291023	Manhole	Grille Hinge	Waste	Local	1050	9. Whangaparaoa	Existing
6/12/2018	51265415	Manhole	Grille Hinge	Waste	Local	1200	9. Whangaparaoa	Existing
17/01/2019	51453545	Manhole	Grille Hinge	Waste	Local	1050	9. Whangaparaoa	Existing
17/01/2019	51453546	Manhole	Grille Hinge	Waste	Local	1050	9. Whangaparaoa	Existing
16/04/2019	51508999	Manhole	Grille Hinge	Waste	Local		9. Whangaparaoa	Existing
16/04/2019	51509000	Manhole	Grille Hinge	Waste	Local		9. Whangaparaoa	Existing
1/05/2019	51263488	Manhole	Grille Hinge	Waste	Local	1050	9. Whangaparaoa	Existing
3/07/2019	51309124	Manhole	Chamber	Waste	Local	675	9. Whangaparaoa	Existing
3/07/2019	51309125	Manhole	Chamber	Waste	Local	675	9. Whangaparaoa	Existing
3/07/2019	51309158	Manhole	Chamber	Waste	Local	675	9. Whangaparaoa	Existing
3/07/2019	51309120	Manhole	Grille Hinge	Waste	Local	1050	9. Whangaparaoa	Existing

Install Date	Compkey	Asset type	Process	Network Type	Network	Diameter (mm)	Catchment	Catchment Status
3/07/2019	51309126	Manhole	Grille Hinge	Waste	Local	1050	9. Whangaparaoa	Existing
2/09/2019	51467136	Manhole	Chamber	Waste	Local	675	9. Whangaparaoa	Existing
17/09/2019	51467571	Manhole	Grille Hinge	Waste	Local	1050	9. Whangaparaoa	Existing
17/09/2019	51468396	Manhole	Grille Hinge	Waste	Local	1050	9. Whangaparaoa	Existing
17/09/2019	51468397	Manhole	Grille Hinge	Waste	Local	1050	9. Whangaparaoa	Existing
17/09/2019	51468399	Manhole	Grille Hinge	Waste	Local	1050	9. Whangaparaoa	Existing
17/09/2019	51468402	Manhole	Grille Hinge	Waste	Local	1050	9. Whangaparaoa	Existing
17/09/2019	51468403	Manhole	Grille Hinge	Waste	Local	1050	9. Whangaparaoa	Existing
17/09/2019	51468409	Manhole	Grille Hinge	Waste	Local	1050	9. Whangaparaoa	Existing
17/09/2019	51468415	Manhole	Grille Hinge	Waste	Local	1050	9. Whangaparaoa	Existing
17/09/2019	51468417	Manhole	Grille Hinge	Waste	Local	1050	9. Whangaparaoa	Existing
17/09/2019	51468419	Manhole	Grille Hinge	Waste	Local	1050	9. Whangaparaoa	Existing
17/09/2019	51468423	Manhole	Grille Hinge	Waste	Local	1050	9. Whangaparaoa	Existing
17/09/2019	51468427	Manhole	Grille Hinge	Waste	Local	1050	9. Whangaparaoa	Existing
17/09/2019	51468430	Manhole	Grille Hinge	Waste	Local	1050	9. Whangaparaoa	Existing
17/09/2019	51468433	Manhole	Grille Hinge	Waste	Local	1050	9. Whangaparaoa	Existing
17/09/2019	51468435	Manhole	Grille Hinge	Waste	Local	1050	9. Whangaparaoa	Existing
17/09/2019	51467981	Manhole	Grille Hinge	Waste	Local	1200	9. Whangaparaoa	Existing
17/09/2019	51468413	Manhole	Grille Hinge	Waste	Local	1200	9. Whangaparaoa	Existing
17/09/2019	51468436	Manhole	Grille Hinge	Waste	Local	1200	9. Whangaparaoa	Existing
22/11/2019	51291013	Manhole	Grille Hinge	Waste	Local	1050	9. Whangaparaoa	Existing
31/01/2020	51509023	Manhole	Grille Hinge	Waste	Local		9. Whangaparaoa	Existing
17/12/2018	51263569	Manhole	Grille Hinge	Waste	Local	1050	10. Long Bay	Existing
17/12/2018	51263571	Manhole	Grille Hinge	Waste	Local	1050	10. Long Bay	Existing
17/12/2018	51263572	Manhole	Grille Hinge	Waste	Local	1050	10. Long Bay	Existing
17/12/2018	51263573	Manhole	Grille Hinge	Waste	Local	1050	10. Long Bay	Existing
17/12/2018	51263575	Manhole	Grille Hinge	Waste	Local	1050	10. Long Bay	Existing
17/12/2018	51263570	Manhole	Grille Hinge	Waste	Local	1200	10. Long Bay	Existing
15/04/2019	51312411	Manhole	Grille Hinge	Waste	Local	1050	10. Long Bay	Existing
16/04/2019	51456250	Manhole	Grille Hinge	Waste	Local	1050	10. Long Bay	Existing
16/04/2019	51456255	Manhole	Grille Hinge	Waste	Local	1050	10. Long Bay	Existing

Install Date	Compkey	Asset type	Process	Network Type	Network	Diameter (mm)	Catchment	Catchment Status
30/06/2019	51460209	Manhole	Grille Hinge	Waste	Local	1050	10. Long Bay	Existing
30/06/2019	51460210	Manhole	Grille Hinge	Waste	Local	1050	10. Long Bay	Existing
30/06/2019	51460211	Manhole	Grille Hinge	Waste	Local	1050	10. Long Bay	Existing
30/06/2019	51460212	Manhole	Grille Hinge	Waste	Local	1050	10. Long Bay	Existing
30/06/2019	51460213	Manhole	Grille Hinge	Waste	Local	1050	10. Long Bay	Existing
30/06/2019	51460214	Manhole	Grille Hinge	Waste	Local	1050	10. Long Bay	Existing
30/06/2019	51460215	Manhole	Grille Hinge	Waste	Local	1050	10. Long Bay	Existing
30/06/2019	51460216	Manhole	Grille Hinge	Waste	Local	1050	10. Long Bay	Existing
30/06/2019	51460217	Manhole	Grille Hinge	Waste	Local	1050	10. Long Bay	Existing
30/06/2019	51460218	Manhole	Grille Hinge	Waste	Local	1050	10. Long Bay	Existing
30/06/2019	51460219	Manhole	Grille Hinge	Waste	Local	1050	10. Long Bay	Existing
1/07/2019	51305308	Manhole	Grille Hinge	Waste	Local	1050	10. Long Bay	Existing
1/07/2019	51305296	Manhole	Grille Hinge	Waste	Local	1200	10. Long Bay	Existing
3/07/2019	51308078	Manhole	Grille Hinge	Waste	Local	1050	10. Long Bay	Existing
3/07/2019	51461931	Manhole	Grille Hinge	Waste	Local	1050	10. Long Bay	Existing
3/07/2019	51461932	Manhole	Grille Hinge	Waste	Local	1050	10. Long Bay	Existing
3/07/2019	51461933	Manhole	Grille Hinge	Waste	Local	1050	10. Long Bay	Existing
3/07/2019	51461934	Manhole	Grille Hinge	Waste	Local	1050	10. Long Bay	Existing
3/07/2019	51461935	Manhole	Grille Hinge	Waste	Local	1050	10. Long Bay	Existing
3/07/2019	51461936	Manhole	Grille Hinge	Waste	Local	1050	10. Long Bay	Existing
3/07/2019	51461942	Manhole	Grille Hinge	Waste	Local	1050	10. Long Bay	Existing
3/07/2019	51461943	Manhole	Grille Hinge	Waste	Local	1050	10. Long Bay	Existing
3/07/2019	51461944	Manhole	Grille Hinge	Waste	Local	1050	10. Long Bay	Existing
3/07/2019	51461946	Manhole	Grille Hinge	Waste	Local	1050	10. Long Bay	Existing
3/07/2019	51461949	Manhole	Grille Hinge	Waste	Local	1050	10. Long Bay	Existing
3/07/2019	51461937	Manhole	Grille Hinge	Waste	Local	1200	10. Long Bay	Existing
3/07/2019	51461938	Manhole	Grille Hinge	Waste	Local	1200	10. Long Bay	Existing
3/07/2019	51461939	Manhole	Grille Hinge	Waste	Local	1200	10. Long Bay	Existing
3/07/2019	51461940	Manhole	Grille Hinge	Waste	Local	1200	10. Long Bay	Existing
3/07/2019	51461941	Manhole	Grille Hinge	Waste	Local	1200	10. Long Bay	Existing
3/07/2019	51461945	Manhole	Grille Hinge	Waste	Local	1200	10. Long Bay	Existing

Install Date	Compkey	Asset type	Process	Network Type	Network	Diameter (mm)	Catchment	Catchment Status
3/07/2019	51461947	Manhole	Grille Hinge	Waste	Local	1200	10. Long Bay	Existing
3/07/2019	51461948	Manhole	Grille Hinge	Waste	Local	1200	10. Long Bay	Existing
28/08/2019	51296747	Manhole	Grille Hinge	Waste	Local	1050	10. Long Bay	Existing
28/08/2019	51296816	Manhole	Grille Hinge	Waste	Local	1050	10. Long Bay	Existing
28/08/2019	51296841	Manhole	Grille Hinge	Waste	Local	1050	10. Long Bay	Existing
28/08/2019	51296843	Manhole	Grille Hinge	Waste	Local	1050	10. Long Bay	Existing
28/08/2019	51296845	Manhole	Grille Hinge	Waste	Local	1050	10. Long Bay	Existing
28/08/2019	51296856	Manhole	Grille Hinge	Waste	Local	1050	10. Long Bay	Existing
9/09/2019	51499898	Manhole	Grille Hinge	Waste	Local	1050	10. Long Bay	Existing
9/09/2019	51499902	Manhole	Grille Hinge	Waste	Local	1050	10. Long Bay	Existing
30/10/2019	51506900	Manhole	Grille Hinge	Waste	Local		10. Long Bay	Existing
31/10/2019	51510221	Manhole	Grille Hinge	Waste	Local		10. Long Bay	Existing
31/10/2019	51510222	Manhole	Grille Hinge	Waste	Local		10. Long Bay	Existing
31/10/2019	51510223	Manhole	Grille Hinge	Waste	Local		10. Long Bay	Existing
19/12/2019	51503371	Manhole	Grille Hinge	Waste	Local		10. Long Bay	Existing
19/12/2019	51503372	Manhole	Grille Hinge	Waste	Local		10. Long Bay	Existing
19/12/2019	51503380	Manhole	Grille Hinge	Waste	Local		10. Long Bay	Existing
19/12/2019	51503382	Manhole	Grille Hinge	Waste	Local		10. Long Bay	Existing
19/12/2019	51503388	Manhole	Grille Hinge	Waste	Local		10. Long Bay	Existing
23/01/2020	51509266	Manhole	Grille Hinge	Waste	Local		10. Long Bay	Existing
1/01/1969	51309936	Manhole	Standard	Waste	Local	1050	11. East Coast Bays	Existing
1/01/1979	51285807	Manhole	Standard	Waste	Local	1050	11. East Coast Bays	Existing
1/01/1979	51468407	Manhole	Grille Hinge	Waste	Local	1050	11. East Coast Bays	Existing
1/01/1994	51502974	Manhole	Grille Hinge	Waste	Local		11. East Coast Bays	Existing
1/07/2011	51466455	Manhole	Chamber	Waste	Local	675	11. East Coast Bays	Existing
30/09/2017	51472511	Manhole	Grille Hinge	Waste	Local	1050	11. East Coast Bays	Existing
22/03/2018	51307930	Manhole	Grille Hinge	Waste	Local	1050	11. East Coast Bays	Existing
1/07/2018	51483402	Manhole	Grille Hinge	Waste	Local	1050	11. East Coast Bays	Existing
4/03/2019	51281256	Manhole	Grille Hinge	Waste	Local	1200	11. East Coast Bays	Existing
14/03/2019	51310346	Manhole	Chamber	Waste	Local	675	11. East Coast Bays	Existing
9/04/2019	51310472	Manhole	Grille Hinge	Waste	Local	1050	11. East Coast Bays	Existing

Install Date	Compkey	Asset type	Process	Network Type	Network	Diameter (mm)	Catchment	Catchment Status
29/04/2019	51296921	Manhole	Grille Hinge	Waste	Local	1050	11. East Coast Bays	Existing
8/05/2019	51263527	Manhole	Grille Hinge	Waste	Local	1050	11. East Coast Bays	Existing
11/05/2019	51289829	Manhole	Grille Hinge	Waste	Local	1050	11. East Coast Bays	Existing
6/06/2019	51290363	Manhole	Grille Hinge	Waste	Local	1050	11. East Coast Bays	Existing
6/06/2019	51290366	Manhole	Grille Hinge	Waste	Local	1050	11. East Coast Bays	Existing
12/06/2019	51289814	Manhole	Grille Hinge	Waste	Local	1050	11. East Coast Bays	Existing
12/06/2019	51289816	Manhole	Grille Hinge	Waste	Local	1050	11. East Coast Bays	Existing
12/06/2019	51289817	Manhole	Grille Hinge	Waste	Local	1050	11. East Coast Bays	Existing
14/06/2019	51286830	Manhole	Grille Hinge	Waste	Local	1050	11. East Coast Bays	Existing
18/06/2019	51286565	Manhole	Grille Hinge	Waste	Local	1050	11. East Coast Bays	Existing
19/06/2019	51286583	Manhole	Grille Hinge	Waste	Local	1050	11. East Coast Bays	Existing
25/06/2019	51298241	Manhole	Grille Hinge	Waste	Local	1050	11. East Coast Bays	Existing
2/07/2019	51298317	Manhole	Grille Hinge	Waste	Local	1050	11. East Coast Bays	Existing
3/07/2019	51309113	Manhole	Grille Hinge	Waste	Local	1050	11. East Coast Bays	Existing
3/07/2019	51309115	Manhole	Grille Hinge	Waste	Local	1200	11. East Coast Bays	Existing
3/07/2019	51309117	Manhole	Grille Hinge	Waste	Local	1200	11. East Coast Bays	Existing
10/07/2019	51308983	Manhole	Grille Hinge	Waste	Local	1050	11. East Coast Bays	Existing
12/07/2019	51305750	Manhole	Grille Hinge	Waste	Local	1050	11. East Coast Bays	Existing
12/07/2019	51305753	Manhole	Grille Hinge	Waste	Local	1050	11. East Coast Bays	Existing
17/07/2019	51312489	Manhole	Grille Hinge	Waste	Local	1050	11. East Coast Bays	Existing
26/07/2019	51502979	Manhole	Grille Hinge	Waste	Local		11. East Coast Bays	Existing
12/08/2019	51502350	Manhole	Grille Hinge	Waste	Local		11. East Coast Bays	Existing
12/08/2019	51466456	Manhole	Chamber	Waste	Local	675	11. East Coast Bays	Existing
12/08/2019	51480967	Manhole	Grille Hinge	Waste	Local	1050	11. East Coast Bays	Existing
12/08/2019	51480968	Manhole	Grille Hinge	Waste	Local	1050	11. East Coast Bays	Existing
12/08/2019	51480973	Manhole	Grille Hinge	Waste	Local	1050	11. East Coast Bays	Existing
2/09/2019	51468432	Manhole	Grille Hinge	Waste	Local	1050	11. East Coast Bays	Existing
3/09/2019	51502576	Manhole	Grille Hinge	Waste	Local		11. East Coast Bays	Existing
3/09/2019	51502581	Manhole	Grille Hinge	Waste	Local		11. East Coast Bays	Existing
3/09/2019	51312471	Manhole	Grille Hinge	Waste	Local	1050	11. East Coast Bays	Existing
3/09/2019	51312475	Manhole	Grille Hinge	Waste	Local	1050	11. East Coast Bays	Existing

Install Date	Compkey	Asset type	Process	Network Type	Network	Diameter (mm)	Catchment	Catchment Status
9/09/2019	51497012	Manhole	Grille Hinge	Waste	Local		11. East Coast Bays	Existing
9/09/2019	51497013	Manhole	Grille Hinge	Waste	Local	1050	11. East Coast Bays	Existing
24/09/2019	51502195	Manhole	Grille Hinge	Waste	Local	1050	11. East Coast Bays	Existing
27/09/2019	51492652	Manhole	Grille Hinge	Waste	Local	1050	11. East Coast Bays	Existing
27/09/2019	51492653	Manhole	Grille Hinge	Waste	Local	1050	11. East Coast Bays	Existing
27/09/2019	51492659	Manhole	Grille Hinge	Waste	Local	1050	11. East Coast Bays	Existing
1/10/2019	51516502	Manhole	Grille Hinge	Waste	Local		11. East Coast Bays	Existing
21/10/2019	51495463	Manhole	Grille Hinge	Waste	Local	1050	11. East Coast Bays	Existing
8/11/2019	51501311	Manhole	Grille Hinge	Waste	Local	1050	11. East Coast Bays	Existing
8/01/2020	51501465	Manhole	Grille Hinge	Waste	Local	1050	11. East Coast Bays	Existing
29/01/2020	51518335	Manhole	Grille Hinge	Waste	Local		11. East Coast Bays	Existing
30/01/2020	51503395	Manhole	Grille Hinge	Waste	Local		11. East Coast Bays	Existing
30/01/2020	51503396	Manhole	Chamber	Waste	Local		11. East Coast Bays	Existing
30/01/2020	51503400	Manhole	Grille Hinge	Waste	Local		11. East Coast Bays	Existing
31/01/2020	51506995	Manhole	Chamber	Waste	Local		11. East Coast Bays	Existing
31/01/2020	51518329	Manhole	Grille Hinge	Waste	Local		11. East Coast Bays	Existing
3/02/2020	51503334	Manhole	Grille Hinge	Waste	Local		11. East Coast Bays	Existing
3/02/2020	51503336	Manhole	Grille Hinge	Waste	Local		11. East Coast Bays	Existing
3/02/2020	51503338	Manhole	Grille Hinge	Waste	Local		11. East Coast Bays	Existing
4/02/2020	51509779	Manhole	Chamber	Waste	Local		11. East Coast Bays	Existing
10/02/2020	51507052	Manhole	Grille Hinge	Waste	Local		11. East Coast Bays	Existing
11/02/2020	51506909	Manhole	Grille Hinge	Waste	Local		11. East Coast Bays	Existing
11/02/2020	51510173	Manhole	Grille Hinge	Waste	Local		11. East Coast Bays	Existing
11/02/2020	51510175	Manhole	Grille Hinge	Waste	Local		11. East Coast Bays	Existing
13/02/2020	51509959	Manhole	Grille Hinge	Waste	Local		11. East Coast Bays	Existing
13/02/2020	51509962	Manhole	Grille Hinge	Waste	Local		11. East Coast Bays	Existing
18/02/2020	51510459	Manhole	Grille Hinge	Waste	Local		11. East Coast Bays	Existing
18/02/2020	51510460	Manhole	Grille Hinge	Waste	Local		11. East Coast Bays	Existing
21/02/2020	51518170	Manhole	Grille Hinge	Waste	Local		11. East Coast Bays	Existing
24/02/2020	51512878	Manhole	Grille Hinge	Waste	Local		11. East Coast Bays	Existing
24/02/2020	51512879	Manhole	Grille Hinge	Waste	Local		11. East Coast Bays	Existing

Install Date	Compkey	Asset type	Process	Network Type	Network	Diameter (mm)	Catchment	Catchment Status
9/09/2019	51309385	Manhole	Grille Hinge	Waste	Local	1050	12. Devonport-Takapuna	Existing
11/10/2019	51492372	Manhole	Grille Hinge	Waste	Local	1050	12. Devonport-Takapuna	Existing
11/10/2019	51492375	Manhole	Grille Hinge	Waste	Local	1050	12. Devonport-Takapuna	Existing
11/10/2019	51501386	Manhole	Grille Hinge	Waste	Local	1050	12. Devonport-Takapuna	Existing
5/03/2020	51508458	Manhole	Chamber	Waste	Local		12. Devonport-Takapuna	Existing
1/01/1964	51289893	Manhole	Chamber	Waste	Local	675	13. Shoal Bay	Existing
1/01/1964	51289892	Manhole	Standard	Waste	Local	1050	13. Shoal Bay	Existing
28/02/2017	51290779	Manhole	Grille Hinge	Waste	Local	1050	13. Shoal Bay	Existing
1/02/2019	51506991	Manhole	Grille Hinge	Waste	Local		13. Shoal Bay	Existing
20/03/2019	51310529	Manhole	Chamber	Waste	Local	675	13. Shoal Bay	Existing
14/05/2019	51516490	Manhole	Grille Hinge	Waste	Local		13. Shoal Bay	Existing
17/05/2019	51299202	Manhole	Grille Hinge	Waste	Local	1050	13. Shoal Bay	Existing
17/05/2019	51299208	Manhole	Grille Hinge	Waste	Local	1050	13. Shoal Bay	Existing
17/05/2019	51299210	Manhole	Grille Hinge	Waste	Local	1050	13. Shoal Bay	Existing
17/05/2019	51299213	Manhole	Grille Hinge	Waste	Local	1050	13. Shoal Bay	Existing
22/06/2019	51510308	Manhole	Chamber	Waste	Local		13. Shoal Bay	Existing
2/07/2019	51355641	Manhole	Grille Hinge	Waste	Local	1050	13. Shoal Bay	Existing
2/07/2019	51355643	Manhole	Grille Hinge	Waste	Local	1050	13. Shoal Bay	Existing
10/07/2019	51492720	Manhole	Chamber	Waste	Local	600	13. Shoal Bay	Existing
10/07/2019	51299211	Manhole	Chamber	Waste	Local	675	13. Shoal Bay	Existing
22/07/2019	51309139	Manhole	Grille Hinge	Waste	Local	1050	13. Shoal Bay	Existing
24/07/2019	51355668	Manhole	Grille Hinge	Waste	Local	1050	13. Shoal Bay	Existing
1/08/2019	51453682	Manhole	Chamber	Waste	Local	675	13. Shoal Bay	Existing
6/08/2019	51450791	Manhole	Chamber	Waste	Local	675	13. Shoal Bay	Existing
27/08/2019	51507254	Manhole	Grille Hinge	Waste	Local		13. Shoal Bay	Existing
27/08/2019	51507261	Manhole	Grille Hinge	Waste	Local		13. Shoal Bay	Existing
27/08/2019	51507265	Manhole	Grille Hinge	Waste	Local		13. Shoal Bay	Existing
27/08/2019	51507267	Manhole	Grille Hinge	Waste	Local		13. Shoal Bay	Existing
27/08/2019	51507270	Manhole	Grille Hinge	Waste	Local		13. Shoal Bay	Existing
27/08/2019	51507275	Manhole	Grille Hinge	Waste	Local		13. Shoal Bay	Existing
27/08/2019	51507279	Manhole	Grille Hinge	Waste	Local		13. Shoal Bay	Existing

Install Date	Compkey	Asset type	Process	Network Type	Network	Diameter (mm)	Catchment	Catchment Status
27/08/2019	51507283	Manhole	Grille Hinge	Waste	Local		13. Shoal Bay	Existing
27/08/2019	51508068	Manhole	Grille Hinge	Waste	Local		13. Shoal Bay	Existing
27/08/2019	51508122	Manhole	Grille Hinge	Waste	Local		13. Shoal Bay	Existing
27/08/2019	51508221	Manhole	Grille Hinge	Waste	Local		13. Shoal Bay	Existing
27/08/2019	51508327	Manhole	Grille Hinge	Waste	Local		13. Shoal Bay	Existing
27/08/2019	51508336	Manhole	Grille Hinge	Waste	Local		13. Shoal Bay	Existing
27/08/2019	51508337	Manhole	Grille Hinge	Waste	Local		13. Shoal Bay	Existing
27/08/2019	51508338	Manhole	Grille Hinge	Waste	Local		13. Shoal Bay	Existing
27/08/2019	51508340	Manhole	Grille Hinge	Waste	Local		13. Shoal Bay	Existing
27/08/2019	51508342	Manhole	Grille Hinge	Waste	Local		13. Shoal Bay	Existing
27/08/2019	51508347	Manhole	Grille Hinge	Waste	Local		13. Shoal Bay	Existing
27/08/2019	51508352	Manhole	Grille Hinge	Waste	Local		13. Shoal Bay	Existing
27/08/2019	51508354	Manhole	Grille Hinge	Waste	Local		13. Shoal Bay	Existing
27/08/2019	51508355	Manhole	Grille Hinge	Waste	Local		13. Shoal Bay	Existing
27/08/2019	51508357	Manhole	Grille Hinge	Waste	Local		13. Shoal Bay	Existing
27/08/2019	51508359	Manhole	Grille Hinge	Waste	Local		13. Shoal Bay	Existing
27/08/2019	51508360	Manhole	Grille Hinge	Waste	Local		13. Shoal Bay	Existing
1/09/2019	51495709	Manhole	Grille Hinge	Waste	Local	1050	13. Shoal Bay	Existing
1/09/2019	51495711	Manhole	Grille Hinge	Waste	Local	1050	13. Shoal Bay	Existing
24/09/2019	51483124	Manhole	Grille Hinge	Waste	Local	1050	13. Shoal Bay	Existing
24/09/2019	51483125	Manhole	Grille Hinge	Waste	Local	1050	13. Shoal Bay	Existing
7/10/2019	51487360	Manhole	Chamber	Waste	Local	675	13. Shoal Bay	Existing
7/10/2019	51487361	Manhole	Grille Hinge	Waste	Local	1050	13. Shoal Bay	Existing
28/11/2019	51512994	Manhole	Grille Hinge	Waste	Local		13. Shoal Bay	Existing
4/02/2020	51509422	Manhole	Grille Hinge	Waste	Local		13. Shoal Bay	Existing
13/02/2020	51507056	Manhole	Grille Hinge	Waste	Local		13. Shoal Bay	Existing
13/02/2020	51507057	Manhole	Grille Hinge	Waste	Local		13. Shoal Bay	Existing
13/02/2020	51507058	Manhole	Grille Hinge	Waste	Local		13. Shoal Bay	Existing
13/02/2020	51507059	Manhole	Grille Hinge	Waste	Local		13. Shoal Bay	Existing
13/02/2020	51507062	Manhole	Grille Hinge	Waste	Local		13. Shoal Bay	Existing
13/02/2020	51507063	Manhole	Chamber	Waste	Local		13. Shoal Bay	Existing

Install Date	Compkey	Asset type	Process	Network Type	Network	Diameter (mm)	Catchment	Catchment Status
27/02/2020	51510005	Manhole	Grille Hinge	Waste	Local		13. Shoal Bay	Existing
27/02/2020	51510006	Manhole	Grille Hinge	Waste	Local		13. Shoal Bay	Existing
23/03/2020	51518110	Manhole	Grille Hinge	Waste	Local		13. Shoal Bay	Existing
23/03/2020	51518111	Manhole	Grille Hinge	Waste	Local		13. Shoal Bay	Existing
23/03/2020	51518112	Manhole	Grille Hinge	Waste	Local		13. Shoal Bay	Existing
23/03/2020	51518114	Manhole	Grille Hinge	Waste	Local		13. Shoal Bay	Existing
23/03/2020	51518115	Manhole	Grille Hinge	Waste	Local		13. Shoal Bay	Existing
23/03/2020	51518116	Manhole	Grille Hinge	Waste	Local		13. Shoal Bay	Existing
23/03/2020	51518122	Manhole	Grille Hinge	Waste	Local		13. Shoal Bay	Existing
23/03/2020	51518126	Manhole	Grille Hinge	Waste	Local		13. Shoal Bay	Existing
23/03/2020	51518128	Manhole	Grille Hinge	Waste	Local		13. Shoal Bay	Existing
23/03/2020	51518129	Manhole	Grille Hinge	Waste	Local		13. Shoal Bay	Existing
23/03/2020	51518131	Manhole	Grille Hinge	Waste	Local		13. Shoal Bay	Existing
23/03/2020	51518251	Manhole	Grille Hinge	Waste	Local		13. Shoal Bay	Existing
23/03/2020	51518258	Manhole	Grille Hinge	Waste	Local		13. Shoal Bay	Existing
23/03/2020	51518259	Manhole	Grille Hinge	Waste	Local		13. Shoal Bay	Existing
23/03/2020	51518260	Manhole	Grille Hinge	Waste	Local		13. Shoal Bay	Existing
23/03/2020	51518275	Manhole	Grille Hinge	Waste	Local		13. Shoal Bay	Existing
23/03/2020	51518276	Manhole	Grille Hinge	Waste	Local		13. Shoal Bay	Existing
23/03/2020	51518277	Manhole	Grille Hinge	Waste	Local		13. Shoal Bay	Existing
23/03/2020	51518278	Manhole	Grille Hinge	Waste	Local		13. Shoal Bay	Existing
1/01/1985	51487793	Manhole	Grille Hinge	Waste	Local	1050	14. Upper Harbour North	Existing
1/03/2007	51487006	Manhole	Standard	Waste	Local	1050	14. Upper Harbour North	Existing
27/04/2019	51509411	Manhole	Grille Hinge	Waste	Local		14. Upper Harbour North	Existing
15/05/2019	51299273	Manhole	Grille Hinge	Waste	Local	1050	14. Upper Harbour North	Existing
31/05/2019	51308003	Manhole	Grille Hinge	Waste	Local	1050	14. Upper Harbour North	Existing
31/05/2019	51308004	Manhole	Grille Hinge	Waste	Local	1200	14. Upper Harbour North	Existing
5/06/2019	51277143	Manhole	Chamber	Waste	Local	675	14. Upper Harbour North	Existing
5/06/2019	51277142	Manhole	Grille Hinge	Waste	Local	1050	14. Upper Harbour North	Existing
6/06/2019	51271452	Manhole	Grille Hinge	Waste	Local	1050	14. Upper Harbour North	Existing
6/06/2019	51271454	Manhole	Grille Hinge	Waste	Local	1050	14. Upper Harbour North	Existing

Install Date	Compkey	Asset type	Process	Network Type	Network	Diameter (mm)	Catchment	Catchment Status
6/06/2019	51271459	Manhole	Grille Hinge	Waste	Local	1050	14. Upper Harbour North	Existing
6/06/2019	51271460	Manhole	Grille Hinge	Waste	Local	1050	14. Upper Harbour North	Existing
6/06/2019	51271484	Manhole	Grille Hinge	Waste	Local	1050	14. Upper Harbour North	Existing
6/06/2019	51271488	Manhole	Grille Hinge	Waste	Local	1050	14. Upper Harbour North	Existing
6/06/2019	51271493	Manhole	Grille Hinge	Waste	Local	1050	14. Upper Harbour North	Existing
6/06/2019	51271496	Manhole	Grille Hinge	Waste	Local	1050	14. Upper Harbour North	Existing
6/06/2019	51271497	Manhole	Grille Hinge	Waste	Local	1050	14. Upper Harbour North	Existing
6/06/2019	51271506	Manhole	Grille Hinge	Waste	Local	1050	14. Upper Harbour North	Existing
6/06/2019	51271507	Manhole	Grille Hinge	Waste	Local	1050	14. Upper Harbour North	Existing
6/06/2019	51271512	Manhole	Grille Hinge	Waste	Local	1050	14. Upper Harbour North	Existing
6/06/2019	51271530	Manhole	Grille Hinge	Waste	Local	1050	14. Upper Harbour North	Existing
6/06/2019	51271555	Manhole	Grille Hinge	Waste	Local	1050	14. Upper Harbour North	Existing
6/06/2019	51271558	Manhole	Grille Hinge	Waste	Local	1050	14. Upper Harbour North	Existing
6/06/2019	51271565	Manhole	Grille Hinge	Waste	Local	1050	14. Upper Harbour North	Existing
6/06/2019	51271567	Manhole	Grille Hinge	Waste	Local	1050	14. Upper Harbour North	Existing
6/06/2019	51271589	Manhole	Grille Hinge	Waste	Local	1050	14. Upper Harbour North	Existing
6/06/2019	51271590	Manhole	Grille Hinge	Waste	Local	1050	14. Upper Harbour North	Existing
6/06/2019	51271592	Manhole	Grille Hinge	Waste	Local	1050	14. Upper Harbour North	Existing
6/06/2019	51271607	Manhole	Grille Hinge	Waste	Local	1050	14. Upper Harbour North	Existing
6/06/2019	51271616	Manhole	Grille Hinge	Waste	Local	1050	14. Upper Harbour North	Existing
6/06/2019	51271614	Manhole	Grille Hinge	Waste	Local	1050	14. Upper Harbour North	Existing
6/06/2019	51271620	Manhole	Grille Hinge	Waste	Local	1050	14. Upper Harbour North	Existing
6/06/2019	51271468	Manhole	Grille Hinge	Waste	Local	1200	14. Upper Harbour North	Existing
6/06/2019	51271526	Manhole	Grille Hinge	Waste	Local	1200	14. Upper Harbour North	Existing
6/06/2019	51271570	Manhole	Grille Hinge	Waste	Local	1200	14. Upper Harbour North	Existing
14/06/2019	51310397	Manhole	Grille Hinge	Waste	Local	1050	14. Upper Harbour North	Existing
14/06/2019	51310398	Manhole	Grille Hinge	Waste	Local	1050	14. Upper Harbour North	Existing
14/06/2019	51310399	Manhole	Grille Hinge	Waste	Local	1050	14. Upper Harbour North	Existing
14/06/2019	51310402	Manhole	Grille Hinge	Waste	Local	1050	14. Upper Harbour North	Existing
14/06/2019	51310403	Manhole	Grille Hinge	Waste	Local	1050	14. Upper Harbour North	Existing
20/06/2019	51289832	Manhole	Grille Hinge	Waste	Local	1050	14. Upper Harbour North	Existing

Install Date	Compkey	Asset type	Process	Network Type	Network	Diameter (mm)	Catchment	Catchment Status
20/06/2019	51289834	Manhole	Grille Hinge	Waste	Local	1050	14. Upper Harbour North	Existing
25/06/2019	51298173	Manhole	Grille Hinge	Waste	Local	1050	14. Upper Harbour North	Existing
25/06/2019	51298175	Manhole	Grille Hinge	Waste	Local	1050	14. Upper Harbour North	Existing
10/07/2019	51305707	Manhole	Chamber	Waste	Local	675	14. Upper Harbour North	Existing
6/08/2019	51310364	Manhole	Grille Hinge	Waste	Local	1050	14. Upper Harbour North	Existing
6/08/2019	51310367	Manhole	Grille Hinge	Waste	Local	1050	14. Upper Harbour North	Existing
16/08/2019	51479819	Manhole	Grille Hinge	Waste	Local	1050	14. Upper Harbour North	Existing
16/08/2019	51479820	Manhole	Grille Hinge	Waste	Local	1200	14. Upper Harbour North	Existing
20/08/2019	51509313	Manhole	Grille Hinge	Waste	Local		14. Upper Harbour North	Existing
20/08/2019	51509314	Manhole	Grille Hinge	Waste	Local		14. Upper Harbour North	Existing
20/08/2019	51509315	Manhole	Grille Hinge	Waste	Local		14. Upper Harbour North	Existing
20/08/2019	51509320	Manhole	Grille Hinge	Waste	Local		14. Upper Harbour North	Existing
20/08/2019	51509322	Manhole	Grille Hinge	Waste	Local		14. Upper Harbour North	Existing
20/08/2019	51509326	Manhole	Grille Hinge	Waste	Local		14. Upper Harbour North	Existing
20/08/2019	51509329	Manhole	Grille Hinge	Waste	Local		14. Upper Harbour North	Existing
11/10/2019	51502585	Manhole	Grille Hinge	Waste	Local		14. Upper Harbour North	Existing
13/11/2019	51487003	Manhole	Chamber	Waste	Local	675	14. Upper Harbour North	Existing
13/11/2019	51487002	Manhole	Grille Hinge	Waste	Local	1050	14. Upper Harbour North	Existing
18/11/2019	51517962	Manhole	Grille Hinge	Waste	Local		14. Upper Harbour North	Existing
18/11/2019	51517964	Manhole	Grille Hinge	Waste	Local		14. Upper Harbour North	Existing
31/03/2020	51518302	Manhole	Grille Hinge	Waste	Local		14. Upper Harbour North	Existing
1/01/1966	51307715	Manhole	Standard	Waste	Local	1050	15. Upper Harbour South	Existing
1/09/2008	51294384	Manhole	Standard	Waste	Local	1050	15. Upper Harbour South	Existing
12/11/2018	51503152	Manhole	Grille Hinge	Waste	Local		15. Upper Harbour South	Existing
8/02/2019	51271999	Manhole	Grille Hinge	Waste	Local	1050	15. Upper Harbour South	Existing
8/02/2019	51272012	Manhole	Grille Hinge	Waste	Local	1050	15. Upper Harbour South	Existing
10/06/2019	51294393	Manhole	Chamber	Waste	Local	675	15. Upper Harbour South	Existing
10/06/2019	51294385	Manhole	Grille Hinge	Waste	Local	1050	15. Upper Harbour South	Existing
12/06/2019	51299047	Manhole	Chamber	Waste	Local	675	15. Upper Harbour South	Existing
25/07/2019	51492717	Manhole	Grille Hinge	Waste	Local	1050	15. Upper Harbour South	Existing
12/08/2019	51299074	Manhole	Grille Hinge	Waste	Local	1050	15. Upper Harbour South	Existing

Install Date	Compkey	Asset type	Process	Network Type	Network	Diameter (mm)	Catchment	Catchment Status
12/08/2019	51299090	Manhole	Grille Hinge	Waste	Local	1050	15. Upper Harbour South	Existing
12/08/2019	51299093	Manhole	Grille Hinge	Waste	Local	1050	15. Upper Harbour South	Existing
12/08/2019	51299097	Manhole	Grille Hinge	Waste	Local	1050	15. Upper Harbour South	Existing
23/08/2019	51310454	Manhole	Grille Hinge	Waste	Local	1050	15. Upper Harbour South	Existing
5/09/2019	51488130	Manhole	Grille Hinge	Waste	Local	1050	15. Upper Harbour South	Existing
5/09/2019	51488131	Manhole	Grille Hinge	Waste	Local	1050	15. Upper Harbour South	Existing
5/09/2019	51488139	Manhole	Grille Hinge	Waste	Local	1050	15. Upper Harbour South	Existing
5/09/2019	51488140	Manhole	Grille Hinge	Waste	Local	1050	15. Upper Harbour South	Existing
5/09/2019	51488141	Manhole	Grille Hinge	Waste	Local	1050	15. Upper Harbour South	Existing
5/09/2019	51488159	Manhole	Grille Hinge	Waste	Local	1050	15. Upper Harbour South	Existing
20/09/2019	51492489	Manhole	Grille Hinge	Waste	Local	1050	15. Upper Harbour South	Existing
24/09/2019	51487284	Manhole	Chamber	Waste	Local	675	15. Upper Harbour South	Existing
24/09/2019	51487282	Manhole	Grille Hinge	Waste	Local	1050	15. Upper Harbour South	Existing
26/09/2019	51447096	Manhole	Grille Hinge	Waste	Local	1050	15. Upper Harbour South	Existing
26/09/2019	51447098	Manhole	Grille Hinge	Waste	Local	1050	15. Upper Harbour South	Existing
26/09/2019	51447100	Manhole	Grille Hinge	Waste	Local	1050	15. Upper Harbour South	Existing
30/09/2019	51488164	Manhole	Chamber	Waste	Local	675	15. Upper Harbour South	Existing
2/10/2019	51360213	Manhole	Grille Hinge	Waste	Local	1050	15. Upper Harbour South	Existing
2/10/2019	51360214	Manhole	Grille Hinge	Waste	Local	1050	15. Upper Harbour South	Existing
2/10/2019	51360209	Manhole	Grille Hinge	Waste	Local	1200	15. Upper Harbour South	Existing
18/10/2019	51501355	Manhole	Grille Hinge	Waste	Local	1050	15. Upper Harbour South	Existing
25/11/2019	51487824	Manhole	Grille Hinge	Waste	Local	1050	15. Upper Harbour South	Existing
25/11/2019	51487825	Manhole	Grille Hinge	Waste	Local	1050	15. Upper Harbour South	Existing
25/11/2019	51487827	Manhole	Grille Hinge	Waste	Local	1050	15. Upper Harbour South	Existing
25/11/2019	51487829	Manhole	Grille Hinge	Waste	Local	1050	15. Upper Harbour South	Existing
25/11/2019	51487834	Manhole	Grille Hinge	Waste	Local	1050	15. Upper Harbour South	Existing
20/12/2019	51502990	Manhole	Grille Hinge	Waste	Local		15. Upper Harbour South	Existing
20/12/2019	51503240	Manhole	Chamber	Waste	Local		15. Upper Harbour South	Existing
31/01/2020	51508443	Manhole	Grille Hinge	Waste	Local		15. Upper Harbour South	Existing
7/02/2020	51507174	Manhole	Grille Hinge	Waste	Local		15. Upper Harbour South	Existing
17/02/2020	51509511	Manhole	Grille Hinge	Waste	Local		15. Upper Harbour South	Existing

Install Date	Compkey	Asset type	Process	Network Type	Network	Diameter (mm)	Catchment	Catchment Status
17/02/2020	51509586	Manhole	Chamber	Waste	Local		15. Upper Harbour South	Existing
17/02/2020	51509603	Manhole	Grille Hinge	Waste	Local		15. Upper Harbour South	Existing
17/02/2020	51509619	Manhole	Grille Hinge	Waste	Local		15. Upper Harbour South	Existing
10/03/2020	51516612	Manhole	Grille Hinge	Waste	Local		15. Upper Harbour South	Existing
10/03/2020	51516621	Manhole	Grille Hinge	Waste	Local		15. Upper Harbour South	Existing
10/03/2020	51516622	Manhole	Grille Hinge	Waste	Local		15. Upper Harbour South	Existing
22/08/2016	51479880	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Existing
22/08/2016	51479884	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Existing
22/08/2016	51479881	Manhole	Grille Hinge	Waste	Local	1500	16. Upper Harbour West	Existing
26/10/2016	51479886	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Existing
26/10/2016	51479887	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Existing
26/10/2016	51479888	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Existing
26/10/2016	51479892	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Existing
26/10/2016	51479897	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Existing
26/10/2016	51479900	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Existing
26/10/2016	51479902	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Existing
26/10/2016	51479905	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Existing
26/10/2016	51479906	Manhole	Grille Hinge	Waste	Local	1200	16. Upper Harbour West	Existing
31/07/2017	51263917	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Future
31/07/2017	51263918	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Future
12/10/2017	51471450	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Future
5/11/2017	51480795	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Existing
5/11/2017	51480797	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Existing
5/11/2017	51480798	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Existing
5/11/2017	51480802	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Existing
5/11/2017	51480803	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Existing
5/11/2017	51480804	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Existing
5/11/2017	51480805	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Existing
5/11/2017	51480806	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Existing
4/07/2018	51312542	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Existing
4/07/2018	51312544	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Existing

Install Date	Compkey	Asset type	Process	Network Type	Network	Diameter (mm)	Catchment	Catchment Status
4/07/2018	51312563	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Existing
4/07/2018	51312575	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Existing
4/07/2018	51312573	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Existing
4/07/2018	51312572	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Existing
4/07/2018	51312571	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Existing
4/07/2018	51312601	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Existing
4/07/2018	51312599	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Existing
4/07/2018	51312631	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Existing
4/07/2018	51312632	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Existing
4/07/2018	51312633	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Existing
4/07/2018	51312634	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Existing
5/03/2019	51288567	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Existing
5/03/2019	51288589	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Existing
5/03/2019	51288639	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Existing
5/03/2019	51288641	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Existing
5/03/2019	51288643	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Existing
5/03/2019	51288743	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Existing
5/03/2019	51288750	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Existing
5/03/2019	51288751	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Existing
5/03/2019	51288755	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Existing
5/03/2019	51288754	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Existing
5/03/2019	51288773	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Existing
5/03/2019	51288772	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Existing
5/03/2019	51288771	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Existing
5/03/2019	51288792	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Existing
5/03/2019	51288795	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Existing
5/03/2019	51288602	Manhole	Grille Hinge	Waste	Local	1200	16. Upper Harbour West	Existing
5/03/2019	51288611	Manhole	Grille Hinge	Waste	Local	1200	16. Upper Harbour West	Existing
5/03/2019	51288617	Manhole	Grille Hinge	Waste	Local	1200	16. Upper Harbour West	Existing
5/03/2019	51288645	Manhole	Grille Hinge	Waste	Local	1200	16. Upper Harbour West	Existing
5/03/2019	51288741	Manhole	Grille Hinge	Waste	Local	1200	16. Upper Harbour West	Existing

Install Date	Compkey	Asset type	Process	Network Type	Network	Diameter (mm)	Catchment	Catchment Status
5/03/2019	51288742	Manhole	Grille Hinge	Waste	Local	1200	16. Upper Harbour West	Existing
5/03/2019	51288780	Manhole	Grille Hinge	Waste	Local	1200	16. Upper Harbour West	Existing
5/03/2019	51288782	Manhole	Grille Hinge	Waste	Local	1200	16. Upper Harbour West	Existing
7/04/2019	51466462	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Existing
7/04/2019	51466463	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Existing
7/04/2019	51466464	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Existing
7/04/2019	51466465	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Existing
7/04/2019	51466466	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Existing
7/04/2019	51466467	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Existing
7/04/2019	51466468	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Existing
7/04/2019	51466469	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Existing
8/04/2019	51466610	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Existing
8/04/2019	51466611	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Existing
8/04/2019	51466612	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Existing
8/04/2019	51466613	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Existing
8/04/2019	51466614	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Existing
8/04/2019	51466615	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Existing
8/04/2019	51466655	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Existing
8/04/2019	51466656	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Existing
8/04/2019	51466823	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Existing
8/04/2019	51466827	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Existing
8/04/2019	51466828	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Existing
8/04/2019	51466829	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Existing
8/04/2019	51466830	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Existing
8/04/2019	51466831	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Existing
28/05/2019	51494125	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Future
28/05/2019	51494126	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Future
28/05/2019	51494167	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Existing
28/05/2019	51494169	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Existing
28/05/2019	51494170	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Existing
28/05/2019	51494196	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Existing

Install Date	Compkey	Asset type	Process	Network Type	Network	Diameter (mm)	Catchment	Catchment Status
28/05/2019	51494100	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Existing
28/05/2019	51494101	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Existing
28/05/2019	51494102	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Existing
28/05/2019	51494124	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Existing
28/05/2019	51494130	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Existing
28/05/2019	51494131	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Existing
28/05/2019	51494132	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Existing
28/05/2019	51494133	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Existing
28/05/2019	51494134	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Existing
28/05/2019	51494313	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Existing
28/05/2019	51494314	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Existing
28/05/2019	51494315	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Existing
28/05/2019	51494316	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Existing
28/05/2019	51494317	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Existing
28/05/2019	51494360	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Existing
28/05/2019	51494361	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Existing
28/05/2019	51494362	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Existing
28/05/2019	51494363	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Existing
28/05/2019	51494372	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Existing
5/06/2019	51279992	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Future
5/06/2019	51279994	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Future
5/06/2019	51279995	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Future
5/06/2019	51279996	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Future
5/06/2019	51280000	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Future
5/06/2019	51280002	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Future
5/06/2019	51280004	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Future
5/06/2019	51280006	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Future
5/06/2019	51280007	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Future
5/06/2019	51280015	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Future
5/06/2019	51280019	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Future
5/06/2019	51280020	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Future

Install Date	Compkey	Asset type	Process	Network Type	Network	Diameter (mm)	Catchment	Catchment Status
5/06/2019	51280025	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Future
5/06/2019	51280024	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Future
5/06/2019	51280032	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Future
5/06/2019	51280036	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Future
5/06/2019	51280042	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Future
5/06/2019	51280041	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Future
5/06/2019	51280043	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Future
5/06/2019	51280044	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Future
5/06/2019	51280050	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Future
5/06/2019	51281656	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Future
5/06/2019	51281912	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Future
5/06/2019	51282269	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Future
5/06/2019	51279986	Manhole	Grille Hinge	Waste	Local	1200	16. Upper Harbour West	Future
5/06/2019	51279987	Manhole	Grille Hinge	Waste	Local	1200	16. Upper Harbour West	Future
5/06/2019	51279990	Manhole	Grille Hinge	Waste	Local	1200	16. Upper Harbour West	Future
5/06/2019	51280028	Manhole	Grille Hinge	Waste	Local	1200	16. Upper Harbour West	Future
5/06/2019	51280040	Manhole	Grille Hinge	Waste	Local	1200	16. Upper Harbour West	Future
12/06/2019	51305708	Manhole	Chamber	Waste	Local	675	16. Upper Harbour West	Future
12/06/2019	51305710	Manhole	Chamber	Waste	Local	675	16. Upper Harbour West	Future
12/06/2019	51305697	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Future
12/06/2019	51305699	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Future
12/06/2019	51305701	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Future
12/06/2019	51305702	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Future
12/06/2019	51305705	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Future
12/06/2019	51305715	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Future
12/06/2019	51305716	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Future
12/06/2019	51305717	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Future
12/06/2019	51305718	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Future
12/06/2019	51305719	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Future
12/06/2019	51305722	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Future
12/06/2019	51305723	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Future

Install Date	Compkey	Asset type	Process	Network Type	Network	Diameter (mm)	Catchment	Catchment Status
12/06/2019	51305725	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Future
12/06/2019	51305726	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Future
12/06/2019	51305738	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Future
12/06/2019	51305740	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Future
12/06/2019	51305742	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Future
12/06/2019	51305745	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Future
12/06/2019	51305747	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Future
12/06/2019	51305748	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Future
12/06/2019	51305770	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Future
12/06/2019	51305813	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Future
12/06/2019	51305814	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Future
12/06/2019	51305741	Manhole	Grille Hinge	Waste	Local	1200	16. Upper Harbour West	Future
26/07/2019	51299008	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Existing
26/07/2019	51299017	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Existing
26/07/2019	51299022	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Existing
31/07/2019	51292110	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Future
31/07/2019	51292112	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Future
31/07/2019	51292114	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Future
31/07/2019	51292116	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Future
31/07/2019	51292171	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Future
31/07/2019	51292175	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Future
31/07/2019	51292177	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Future
31/07/2019	51292178	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Future
31/07/2019	51292188	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Future
31/07/2019	51292212	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Future
31/07/2019	51292211	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Future
31/07/2019	51292210	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Future
31/07/2019	51293834	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Future
31/07/2019	51293835	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Future
31/07/2019	51293837	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Future
31/07/2019	51293838	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Future

Install Date	Compkey	Asset type	Process	Network Type	Network	Diameter (mm)	Catchment	Catchment Status
31/07/2019	51293841	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Future
31/07/2019	51293851	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Future
31/07/2019	51293858	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Future
31/07/2019	51293859	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Future
31/07/2019	51292142	Manhole	Grille Hinge	Waste	Local	1200	16. Upper Harbour West	Future
31/07/2019	51292143	Manhole	Grille Hinge	Waste	Local	1200	16. Upper Harbour West	Future
31/07/2019	51292172	Manhole	Grille Hinge	Waste	Local	1200	16. Upper Harbour West	Future
31/07/2019	51293842	Manhole	Grille Hinge	Waste	Local	1200	16. Upper Harbour West	Future
31/07/2019	51308992	Manhole	Grille Hinge	Waste	Local	1200	16. Upper Harbour West	Existing
31/07/2019	51308991	Manhole	Grille Hinge	Waste	Local	1200	16. Upper Harbour West	Existing
1/08/2019	51305374	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Future
1/08/2019	51305384	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Future
1/08/2019	51305397	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Future
1/08/2019	51305403	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Future
1/08/2019	51305419	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Future
1/08/2019	51305439	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Future
1/08/2019	51305443	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Future
1/08/2019	51305441	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Future
1/08/2019	51305452	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Future
1/08/2019	51305463	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Future
1/08/2019	51305467	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Future
1/08/2019	51305468	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Future
1/08/2019	51305485	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Future
1/08/2019	51305518	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Future
1/08/2019	51305519	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Future
1/08/2019	51305546	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Future
1/08/2019	51305553	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Future
1/08/2019	51305554	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Future
1/08/2019	51305558	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Future
1/08/2019	51305559	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Future
1/08/2019	51305573	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Future

Install Date	Compkey	Asset type	Process	Network Type	Network	Diameter (mm)	Catchment	Catchment Status
1/08/2019	51305572	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Future
1/08/2019	51305576	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Future
1/08/2019	51305577	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Future
1/08/2019	51305578	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Future
1/08/2019	51305421	Manhole	Grille Hinge	Waste	Local	1200	16. Upper Harbour West	Future
1/08/2019	51305423	Manhole	Grille Hinge	Waste	Local	1200	16. Upper Harbour West	Future
1/08/2019	51305429	Manhole	Grille Hinge	Waste	Local	1200	16. Upper Harbour West	Future
1/08/2019	51305435	Manhole	Grille Hinge	Waste	Local	1200	16. Upper Harbour West	Future
1/08/2019	51305453	Manhole	Grille Hinge	Waste	Local	1200	16. Upper Harbour West	Future
1/08/2019	51305461	Manhole	Grille Hinge	Waste	Local	1200	16. Upper Harbour West	Future
1/08/2019	51305486	Manhole	Grille Hinge	Waste	Local	1200	16. Upper Harbour West	Future
1/08/2019	51305514	Manhole	Grille Hinge	Waste	Local	1200	16. Upper Harbour West	Future
11/10/2019	51487798	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Existing
11/10/2019	51487800	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Existing
11/10/2019	51487799	Manhole	Grille Hinge	Waste	Local	1350	16. Upper Harbour West	Existing
11/10/2019	51487381	Manhole	Grille Hinge	Waste	Local	1350	16. Upper Harbour West	Existing
23/10/2019	51497054	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Existing
29/10/2019	51483155	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Future
29/10/2019	51483156	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Future
29/10/2019	51483157	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Future
29/10/2019	51483158	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Future
29/10/2019	51483162	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Future
29/10/2019	51483163	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Future
29/10/2019	51483168	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Future
10/11/2019	51502039	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Existing
15/11/2019	51501410	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Existing
15/11/2019	51501411	Manhole	Grille Hinge	Waste	Local	1050	16. Upper Harbour West	Existing
18/11/2019	51509189	Manhole	Grille Hinge	Waste	Local		16. Upper Harbour West	Future
18/12/2019	51503440	Manhole	Grille Hinge	Waste	Local		16. Upper Harbour West	Existing
18/12/2019	51503441	Manhole	Grille Hinge	Waste	Local		16. Upper Harbour West	Existing
18/12/2019	51503442	Manhole	Grille Hinge	Waste	Local		16. Upper Harbour West	Existing

Install Date	Compkey	Asset type	Process	Network Type	Network	Diameter (mm)	Catchment	Catchment Status
30/01/2020	51505010	Manhole	Grille Hinge	Waste	Local		16. Upper Harbour West	Existing
30/01/2020	51505011	Manhole	Grille Hinge	Waste	Local		16. Upper Harbour West	Existing
30/01/2020	51505013	Manhole	Grille Hinge	Waste	Local		16. Upper Harbour West	Existing
30/01/2020	51505015	Manhole	Grille Hinge	Waste	Local		16. Upper Harbour West	Existing
30/01/2020	51505017	Manhole	Grille Hinge	Waste	Local		16. Upper Harbour West	Existing
30/01/2020	51505023	Manhole	Grille Hinge	Waste	Local		16. Upper Harbour West	Existing
30/01/2020	51505025	Manhole	Grille Hinge	Waste	Local		16. Upper Harbour West	Existing
30/01/2020	51505045	Manhole	Grille Hinge	Waste	Local		16. Upper Harbour West	Existing
30/01/2020	51505046	Manhole	Grille Hinge	Waste	Local		16. Upper Harbour West	Existing
30/01/2020	51505047	Manhole	Grille Hinge	Waste	Local		16. Upper Harbour West	Existing
30/01/2020	51505058	Manhole	Grille Hinge	Waste	Local		16. Upper Harbour West	Existing
30/01/2020	51505059	Manhole	Grille Hinge	Waste	Local		16. Upper Harbour West	Existing
30/01/2020	51505060	Manhole	Grille Hinge	Waste	Local		16. Upper Harbour West	Existing
30/01/2020	51505061	Manhole	Grille Hinge	Waste	Local		16. Upper Harbour West	Existing
30/01/2020	51506948	Manhole	Grille Hinge	Waste	Local		16. Upper Harbour West	Existing
13/03/2020	51509030	Manhole	Grille Hinge	Waste	Local		16. Upper Harbour West	Future
13/03/2020	51509032	Manhole	Grille Hinge	Waste	Local		16. Upper Harbour West	Future
1/01/1967	51297032	Manhole	Standard	Waste	Local	1050	17. Henderson Creek	Existing
1/01/1967	51475577	Manhole	Standard	Waste	Local	1050	17. Henderson Creek	Existing
1/01/1970	51269235	Manhole	Standard	Waste	Local	1050	17. Henderson Creek	Existing
1/01/1970	51269237	Manhole	Standard	Waste	Local	1050	17. Henderson Creek	Existing
1/01/1970	51269244	Manhole	Standard	Waste	Local	1050	17. Henderson Creek	Existing
1/01/1971	51460202	Manhole	Grille Hinge	Waste	Local	1050	17. Henderson Creek	Existing
1/01/1971	51460205	Manhole	Grille Hinge	Waste	Local	1050	17. Henderson Creek	Existing
28/02/2017	51299071	Manhole	Chamber	Waste	Local	675	17. Henderson Creek	Existing
19/01/2018	51486975	Manhole	Grille Hinge	Waste	Local	1050	17. Henderson Creek	Existing
19/01/2018	51486976	Manhole	Grille Hinge	Waste	Local	1050	17. Henderson Creek	Existing
19/01/2018	51486977	Manhole	Grille Hinge	Waste	Local	1050	17. Henderson Creek	Existing
19/01/2018	51486987	Manhole	Grille Hinge	Waste	Local	1050	17. Henderson Creek	Existing
19/01/2018	51486989	Manhole	Grille Hinge	Waste	Local	1050	17. Henderson Creek	Existing
29/05/2018	51294381	Manhole	Chamber	Waste	Local	675	17. Henderson Creek	Existing

Install Date	Compkey	Asset type	Process	Network Type	Network	Diameter (mm)	Catchment	Catchment Status
12/06/2018	51503184	Manhole	Grille Hinge	Waste	Local		17. Henderson Creek	Existing
12/06/2018	51503185	Manhole	Chamber	Waste	Local		17. Henderson Creek	Existing
27/06/2018	51497036	Manhole	Chamber	Waste	Local	675	17. Henderson Creek	Existing
27/06/2018	51497035	Manhole	Grille Hinge	Waste	Local	1050	17. Henderson Creek	Existing
1/09/2018	51299059	Manhole	Grille Hinge	Waste	Local	1050	17. Henderson Creek	Existing
1/09/2018	51299061	Manhole	Grille Hinge	Waste	Local	1050	17. Henderson Creek	Existing
3/09/2018	51308085	Manhole	Grille Hinge	Waste	Local	1050	17. Henderson Creek	Existing
3/09/2018	51308087	Manhole	Grille Hinge	Waste	Local	1050	17. Henderson Creek	Existing
3/09/2018	51308088	Manhole	Grille Hinge	Waste	Local	1050	17. Henderson Creek	Existing
3/09/2018	51308089	Manhole	Grille Hinge	Waste	Local	1050	17. Henderson Creek	Existing
11/10/2018	51483235	Manhole	Grille Hinge	Waste	Local	1050	17. Henderson Creek	Existing
11/10/2018	51483237	Manhole	Grille Hinge	Waste	Local	1050	17. Henderson Creek	Existing
14/11/2018	51453490	Manhole	Chamber	Waste	Local	675	17. Henderson Creek	Existing
14/11/2018	51453485	Manhole	Grille Hinge	Waste	Local	1050	17. Henderson Creek	Existing
16/11/2018	4	Manhole	Siphon	Waste	Transmission		17. Henderson Creek	Existing
16/11/2018	4	Access	Inspection	Waste	Transmission	1200	17. Henderson Creek	Existing
16/11/2018	4	Access	Inspection	Waste	Transmission	1200	17. Henderson Creek	Existing
16/11/2018	4	Access	Inspection	Waste	Transmission	1200	17. Henderson Creek	Existing
16/11/2018	4	Access	Inspection	Waste	Transmission	1200	17. Henderson Creek	Existing
16/11/2018	4	Manhole	Inspection	Waste	Transmission	1540	17. Henderson Creek	Existing
16/11/2018	4	Access	Inspection	Waste	Transmission	1800	17. Henderson Creek	Existing
28/02/2019	51495729	Manhole	Grille Hinge	Waste	Local	1050	17. Henderson Creek	Existing
28/02/2019	51495730	Manhole	Grille Hinge	Waste	Local	1050	17. Henderson Creek	Existing
23/03/2019	51297035	Manhole	Grille Hinge	Waste	Local	1050	17. Henderson Creek	Existing
27/03/2019	51454718	Manhole	Grille Hinge	Waste	Local	1050	17. Henderson Creek	Existing
4/04/2019	51299386	Manhole	Grille Hinge	Waste	Local	1050	17. Henderson Creek	Existing
4/04/2019	51299445	Manhole	Grille Hinge	Waste	Local	1050	17. Henderson Creek	Existing
4/04/2019	51305294	Manhole	Grille Hinge	Waste	Local	1050	17. Henderson Creek	Existing
4/04/2019	51305298	Manhole	Grille Hinge	Waste	Local	1050	17. Henderson Creek	Existing
4/04/2019	51305299	Manhole	Grille Hinge	Waste	Local	1050	17. Henderson Creek	Existing
4/04/2019	51305300	Manhole	Grille Hinge	Waste	Local	1050	17. Henderson Creek	Existing

Install Date	Compkey	Asset type	Process	Network Type	Network	Diameter (mm)	Catchment	Catchment Status
4/04/2019	51305326	Manhole	Grille Hinge	Waste	Local	1050	17. Henderson Creek	Existing
4/04/2019	51305328	Manhole	Grille Hinge	Waste	Local	1050	17. Henderson Creek	Existing
4/04/2019	51305340	Manhole	Grille Hinge	Waste	Local	1050	17. Henderson Creek	Existing
4/04/2019	51305341	Manhole	Grille Hinge	Waste	Local	1050	17. Henderson Creek	Existing
4/04/2019	51305393	Manhole	Grille Hinge	Waste	Local	1050	17. Henderson Creek	Existing
4/04/2019	51305394	Manhole	Grille Hinge	Waste	Local	1050	17. Henderson Creek	Existing
4/04/2019	51305327	Manhole	Grille Hinge	Waste	Local	1200	17. Henderson Creek	Existing
4/04/2019	51305342	Manhole	Grille Hinge	Waste	Local	1200	17. Henderson Creek	Existing
4/04/2019	51305343	Manhole	Grille Hinge	Waste	Local	1200	17. Henderson Creek	Existing
4/04/2019	51305344	Manhole	Grille Hinge	Waste	Local	1200	17. Henderson Creek	Existing
30/04/2019	51468788	Manhole	Grille Hinge	Waste	Local	1050	17. Henderson Creek	Existing
20/05/2019	51267944	Manhole	Chamber	Waste	Local	675	17. Henderson Creek	Existing
20/05/2019	51267950	Manhole	Chamber	Waste	Local	675	17. Henderson Creek	Existing
20/05/2019	51267799	Manhole	Grille Hinge	Waste	Local	1050	17. Henderson Creek	Existing
20/05/2019	51267800	Manhole	Grille Hinge	Waste	Local	1050	17. Henderson Creek	Existing
20/05/2019	51267832	Manhole	Grille Hinge	Waste	Local	1050	17. Henderson Creek	Existing
20/05/2019	51267835	Manhole	Grille Hinge	Waste	Local	1050	17. Henderson Creek	Existing
20/05/2019	51267833	Manhole	Grille Hinge	Waste	Local	1050	17. Henderson Creek	Existing
20/05/2019	51267870	Manhole	Grille Hinge	Waste	Local	1050	17. Henderson Creek	Existing
20/05/2019	51267871	Manhole	Grille Hinge	Waste	Local	1050	17. Henderson Creek	Existing
20/05/2019	51267882	Manhole	Grille Hinge	Waste	Local	1050	17. Henderson Creek	Existing
20/05/2019	51267881	Manhole	Grille Hinge	Waste	Local	1050	17. Henderson Creek	Existing
20/05/2019	51267900	Manhole	Grille Hinge	Waste	Local	1050	17. Henderson Creek	Existing
20/05/2019	51267898	Manhole	Grille Hinge	Waste	Local	1050	17. Henderson Creek	Existing
20/05/2019	51267903	Manhole	Grille Hinge	Waste	Local	1050	17. Henderson Creek	Existing
20/05/2019	51267921	Manhole	Grille Hinge	Waste	Local	1050	17. Henderson Creek	Existing
20/05/2019	51267922	Manhole	Grille Hinge	Waste	Local	1050	17. Henderson Creek	Existing
20/05/2019	51267940	Manhole	Grille Hinge	Waste	Local	1050	17. Henderson Creek	Existing
20/05/2019	51267949	Manhole	Grille Hinge	Waste	Local	1050	17. Henderson Creek	Existing
20/05/2019	51267953	Manhole	Grille Hinge	Waste	Local	1050	17. Henderson Creek	Existing
20/05/2019	51267954	Manhole	Grille Hinge	Waste	Local	1050	17. Henderson Creek	Existing

Install Date	Compkey	Asset type	Process	Network Type	Network	Diameter (mm)	Catchment	Catchment Status
29/05/2019	51305507	Manhole	Grille Hinge	Waste	Local	1050	17. Henderson Creek	Existing
10/06/2019	51270114	Manhole	Grille Hinge	Waste	Local	1050	17. Henderson Creek	Existing
10/06/2019	51270117	Manhole	Grille Hinge	Waste	Local	1050	17. Henderson Creek	Existing
12/06/2019	51288711	Manhole	Grille Hinge	Waste	Local	1050	17. Henderson Creek	Existing
18/06/2019	51298291	Manhole	Chamber	Waste	Local	675	17. Henderson Creek	Existing
18/06/2019	51298336	Manhole	Grille Hinge	Waste	Local	1050	17. Henderson Creek	Existing
18/06/2019	51298340	Manhole	Grille Hinge	Waste	Local	1050	17. Henderson Creek	Existing
20/06/2019	51307792	Manhole	Chamber	Waste	Local	675	17. Henderson Creek	Existing
24/06/2019	51298196	Manhole	Grille Hinge	Waste	Local	1050	17. Henderson Creek	Existing
1/07/2019	51309148	Manhole	Grille Hinge	Waste	Local	1050	17. Henderson Creek	Existing
1/07/2019	51309149	Manhole	Grille Hinge	Waste	Local	1050	17. Henderson Creek	Existing
1/07/2019	51309150	Manhole	Grille Hinge	Waste	Local	1050	17. Henderson Creek	Existing
2/07/2019	51293905	Manhole	Grille Hinge	Waste	Local	1050	17. Henderson Creek	Existing
2/07/2019	51293904	Manhole	Grille Hinge	Waste	Local	1050	17. Henderson Creek	Existing
2/07/2019	51293903	Manhole	Grille Hinge	Waste	Local	1050	17. Henderson Creek	Existing
2/07/2019	51293902	Manhole	Grille Hinge	Waste	Local	1050	17. Henderson Creek	Existing
2/07/2019	51293901	Manhole	Grille Hinge	Waste	Local	1200	17. Henderson Creek	Existing
3/07/2019	51312465	Manhole	Grille Hinge	Waste	Local	1050	17. Henderson Creek	Existing
3/07/2019	51312464	Manhole	Grille Hinge	Waste	Local	1050	17. Henderson Creek	Existing
15/07/2019	51476716	Manhole	Grille Hinge	Waste	Local	1050	17. Henderson Creek	Existing
15/07/2019	51476717	Manhole	Grille Hinge	Waste	Local	1050	17. Henderson Creek	Existing
15/07/2019	51476718	Manhole	Grille Hinge	Waste	Local	1050	17. Henderson Creek	Existing
17/07/2019	51309448	Manhole	Chamber	Waste	Local	675	17. Henderson Creek	Existing
17/07/2019	51309449	Manhole	Chamber	Waste	Local	675	17. Henderson Creek	Existing
18/07/2019	51479665	Manhole	Chamber	Waste	Local	675	17. Henderson Creek	Existing
24/07/2019	51446974	Manhole	Grille Hinge	Waste	Local	1050	17. Henderson Creek	Existing
24/07/2019	51446976	Manhole	Grille Hinge	Waste	Local	1050	17. Henderson Creek	Existing
31/07/2019	51509975	Manhole	Grille Hinge	Waste	Local		17. Henderson Creek	Existing
31/07/2019	51360234	Manhole	Grille Hinge	Waste	Local	1050	17. Henderson Creek	Existing
31/07/2019	51360235	Manhole	Grille Hinge	Waste	Local	1050	17. Henderson Creek	Existing
31/07/2019	51360238	Manhole	Grille Hinge	Waste	Local	1050	17. Henderson Creek	Existing

Install Date	Compkey	Asset type	Process	Network Type	Network	Diameter (mm)	Catchment	Catchment Status
31/07/2019	51360239	Manhole	Grille Hinge	Waste	Local	1050	17. Henderson Creek	Existing
31/07/2019	51360244	Manhole	Grille Hinge	Waste	Local	1050	17. Henderson Creek	Existing
31/07/2019	51360248	Manhole	Grille Hinge	Waste	Local	1050	17. Henderson Creek	Existing
1/08/2019	51453738	Manhole	Chamber	Waste	Local	675	17. Henderson Creek	Existing
1/08/2019	51305649	Manhole	Grille Hinge	Waste	Local	1050	17. Henderson Creek	Existing
1/08/2019	51305648	Manhole	Grille Hinge	Waste	Local	1050	17. Henderson Creek	Existing
1/08/2019	51305647	Manhole	Grille Hinge	Waste	Local	1050	17. Henderson Creek	Existing
5/08/2019	51446968	Manhole	Grille Hinge	Waste	Local	1050	17. Henderson Creek	Existing
5/08/2019	51446970	Manhole	Grille Hinge	Waste	Local	1050	17. Henderson Creek	Existing
6/08/2019	51456297	Manhole	Grille Hinge	Waste	Local	1050	17. Henderson Creek	Existing
6/08/2019	51456299	Manhole	Grille Hinge	Waste	Local	1050	17. Henderson Creek	Existing
6/08/2019	51456295	Manhole	Grille Hinge	Waste	Local	1200	17. Henderson Creek	Existing
6/08/2019	51456296	Manhole	Grille Hinge	Waste	Local	1200	17. Henderson Creek	Existing
7/08/2019	51496955	Manhole	Grille Hinge	Waste	Local	1050	17. Henderson Creek	Existing
7/08/2019	51496968	Manhole	Grille Hinge	Waste	Local	1050	17. Henderson Creek	Existing
8/08/2019	51456215	Manhole	Grille Hinge	Waste	Local	1050	17. Henderson Creek	Existing
8/08/2019	51456231	Manhole	Grille Hinge	Waste	Local	1050	17. Henderson Creek	Existing
8/08/2019	51456234	Manhole	Grille Hinge	Waste	Local	1050	17. Henderson Creek	Existing
14/08/2019	51467047	Manhole	Chamber	Waste	Local	675	17. Henderson Creek	Existing
14/08/2019	51476730	Manhole	Grille Hinge	Waste	Local	1050	17. Henderson Creek	Existing
15/08/2019	51454623	Manhole	Chamber	Waste	Local	675	17. Henderson Creek	Existing
15/08/2019	51454621	Manhole	Grille Hinge	Waste	Local	1050	17. Henderson Creek	Existing
15/08/2019	51454678	Manhole	Grille Hinge	Waste	Local	1050	17. Henderson Creek	Existing
16/08/2019	51495839	Manhole	Grille Hinge	Waste	Local	1050	17. Henderson Creek	Existing
29/08/2019	51447088	Manhole	Grille Hinge	Waste	Local	1050	17. Henderson Creek	Existing
29/08/2019	51447090	Manhole	Grille Hinge	Waste	Local	1050	17. Henderson Creek	Existing
3/09/2019	51358891	Manhole	Grille Hinge	Waste	Local	1050	17. Henderson Creek	Existing
3/09/2019	51358892	Manhole	Grille Hinge	Waste	Local	1050	17. Henderson Creek	Existing
3/09/2019	51358893	Manhole	Grille Hinge	Waste	Local	1050	17. Henderson Creek	Existing
5/09/2019	51509200	Manhole	Chamber	Waste	Local		17. Henderson Creek	Existing
5/09/2019	51509201	Manhole	Chamber	Waste	Local		17. Henderson Creek	Existing

Install Date	Compkey	Asset type	Process	Network Type	Network	Diameter (mm)	Catchment	Catchment Status
10/09/2019	51492673	Manhole	Grille Hinge	Waste	Local	1050	17. Henderson Creek	Existing
11/09/2019	51502363	Manhole	Chamber	Waste	Local		17. Henderson Creek	Existing
11/09/2019	51502364	Manhole	Grille Hinge	Waste	Local		17. Henderson Creek	Existing
16/09/2019	51502268	Manhole	Grille Hinge	Waste	Local	1050	17. Henderson Creek	Existing
16/09/2019	51469818	Manhole	Grille Hinge	Waste	Local	1050	17. Henderson Creek	Existing
16/09/2019	51469820	Manhole	Grille Hinge	Waste	Local	1050	17. Henderson Creek	Existing
25/09/2019	51485259	Manhole	Grille Hinge	Waste	Local	1050	17. Henderson Creek	Existing
25/09/2019	51485260	Manhole	Grille Hinge	Waste	Local	1050	17. Henderson Creek	Existing
26/09/2019	51488021	Manhole	Grille Hinge	Waste	Local	1050	17. Henderson Creek	Existing
26/09/2019	51488023	Manhole	Grille Hinge	Waste	Local	1050	17. Henderson Creek	Existing
30/09/2019	51510029	Manhole	Chamber	Waste	Local		17. Henderson Creek	Existing
30/09/2019	51495746	Manhole	Grille Hinge	Waste	Local	1050	17. Henderson Creek	Existing
30/09/2019	51495744	Manhole	Grille Hinge	Waste	Local	1200	17. Henderson Creek	Existing
1/10/2019	51492852	Manhole	Grille Hinge	Waste	Local	1050	17. Henderson Creek	Existing
1/10/2019	51492853	Manhole	Grille Hinge	Waste	Local	1050	17. Henderson Creek	Existing
1/10/2019	51492854	Manhole	Grille Hinge	Waste	Local	1200	17. Henderson Creek	Existing
7/10/2019	51507112	Manhole	Chamber	Waste	Local		17. Henderson Creek	Existing
7/10/2019	51501691	Manhole	Grille Hinge	Waste	Local	1050	17. Henderson Creek	Existing
10/10/2019	51479702	Manhole	Grille Hinge	Waste	Local	1050	17. Henderson Creek	Existing
11/10/2019	51501458	Manhole	Grille Hinge	Waste	Local	1050	17. Henderson Creek	Existing
11/10/2019	51501459	Manhole	Grille Hinge	Waste	Local	1050	17. Henderson Creek	Existing
15/10/2019	51505030	Manhole	Chamber	Waste	Local		17. Henderson Creek	Existing
17/10/2019	51499821	Manhole	Grille Hinge	Waste	Local	1050	17. Henderson Creek	Existing
17/10/2019	51499824	Manhole	Grille Hinge	Waste	Local	1050	17. Henderson Creek	Existing
17/10/2019	51499834	Manhole	Grille Hinge	Waste	Local	1050	17. Henderson Creek	Existing
17/10/2019	51499841	Manhole	Grille Hinge	Waste	Local	1050	17. Henderson Creek	Existing
17/10/2019	51499811	Manhole	Grille Hinge	Waste	Local	1200	17. Henderson Creek	Existing
22/10/2019	51501522	Manhole	Grille Hinge	Waste	Local	1050	17. Henderson Creek	Existing
26/10/2019	51483111	Manhole	Grille Hinge	Waste	Local	1050	17. Henderson Creek	Existing
31/10/2019	51492253	Manhole	Grille Hinge	Waste	Local	1050	17. Henderson Creek	Existing
4/11/2019	51517971	Manhole	Chamber	Waste	Local		17. Henderson Creek	Existing

Install Date	Compkey	Asset type	Process	Network Type	Network	Diameter (mm)	Catchment	Catchment Status
20/11/2019	51501369	Manhole	Grille Hinge	Waste	Local	1050	17. Henderson Creek	Existing
25/11/2019	51508977	Manhole	Grille Hinge	Waste	Local		17. Henderson Creek	Existing
6/12/2019	51502009	Manhole	Grille Hinge	Waste	Local	1050	17. Henderson Creek	Existing
10/12/2019	51501404	Manhole	Grille Hinge	Waste	Local	1050	17. Henderson Creek	Existing
13/12/2019	51510336	Manhole	Grille Hinge	Waste	Local		17. Henderson Creek	Existing
13/12/2019	51510337	Manhole	Grille Hinge	Waste	Local		17. Henderson Creek	Existing
13/12/2019	51510340	Manhole	Grille Hinge	Waste	Local		17. Henderson Creek	Existing
13/12/2019	51510341	Manhole	Grille Hinge	Waste	Local		17. Henderson Creek	Existing
15/12/2019	51508990	Manhole	Grille Hinge	Waste	Local		17. Henderson Creek	Existing
19/12/2019	51502700	Manhole	Grille Hinge	Waste	Local		17. Henderson Creek	Existing
8/01/2020	51512901	Manhole	Grille Hinge	Waste	Local		17. Henderson Creek	Existing
8/01/2020	51512902	Manhole	Grille Hinge	Waste	Local		17. Henderson Creek	Existing
10/01/2020	51517929	Manhole	Grille Hinge	Waste	Local		17. Henderson Creek	Existing
10/01/2020	51517930	Manhole	Grille Hinge	Waste	Local		17. Henderson Creek	Existing
20/01/2020	51513003	Manhole	Grille Hinge	Waste	Local		17. Henderson Creek	Existing
20/01/2020	51513004	Manhole	Grille Hinge	Waste	Local		17. Henderson Creek	Existing
20/01/2020	51513005	Manhole	Grille Hinge	Waste	Local		17. Henderson Creek	Existing
22/01/2020	51516454	Manhole	Grille Hinge	Waste	Local		17. Henderson Creek	Existing
22/01/2020	51516456	Manhole	Grille Hinge	Waste	Local		17. Henderson Creek	Existing
31/01/2020	51518070	Manhole	Grille Hinge	Waste	Local		17. Henderson Creek	Existing
31/01/2020	51518072	Manhole	Grille Hinge	Waste	Local		17. Henderson Creek	Existing
7/02/2020	51507084	Manhole	Chamber	Waste	Local		17. Henderson Creek	Existing
10/02/2020	51508906	Manhole	Grille Hinge	Waste	Local		17. Henderson Creek	Existing
20/02/2020	51517915	Manhole	Grille Hinge	Waste	Local		17. Henderson Creek	Existing
20/02/2020	51518014	Manhole	Grille Hinge	Waste	Local		17. Henderson Creek	Existing
21/02/2020	51510148	Manhole	Grille Hinge	Waste	Local		17. Henderson Creek	Existing
25/02/2020	51510014	Manhole	Grille Hinge	Waste	Local		17. Henderson Creek	Existing
25/02/2020	51510406	Manhole	Grille Hinge	Waste	Local		17. Henderson Creek	Existing
25/02/2020	51510407	Manhole	Grille Hinge	Waste	Local		17. Henderson Creek	Existing
25/02/2020	51510408	Manhole	Grille Hinge	Waste	Local		17. Henderson Creek	Existing
25/02/2020	51510409	Manhole	Grille Hinge	Waste	Local		17. Henderson Creek	Existing

Install Date	Compkey	Asset type	Process	Network Type	Network	Diameter (mm)	Catchment	Catchment Status
25/02/2020	51510425	Manhole	Grille Hinge	Waste	Local		17. Henderson Creek	Existing
25/02/2020	51510670	Manhole	Grille Hinge	Waste	Local		17. Henderson Creek	Existing
25/02/2020	51510671	Manhole	Grille Hinge	Waste	Local		17. Henderson Creek	Existing
25/02/2020	51510672	Manhole	Grille Hinge	Waste	Local		17. Henderson Creek	Existing
25/02/2020	51510673	Manhole	Grille Hinge	Waste	Local		17. Henderson Creek	Existing
25/02/2020	51510674	Manhole	Grille Hinge	Waste	Local		17. Henderson Creek	Existing
25/02/2020	51510675	Manhole	Grille Hinge	Waste	Local		17. Henderson Creek	Existing
25/02/2020	51510700	Manhole	Grille Hinge	Waste	Local		17. Henderson Creek	Existing
3/03/2020	51510491	Manhole	Grille Hinge	Waste	Local		17. Henderson Creek	Existing
3/03/2020	51510492	Manhole	Grille Hinge	Waste	Local		17. Henderson Creek	Existing
3/03/2020	51510497	Manhole	Grille Hinge	Waste	Local		17. Henderson Creek	Existing
16/03/2020	51517942	Manhole	Grille Hinge	Waste	Local		17. Henderson Creek	Existing
16/03/2020	51517948	Manhole	Grille Hinge	Waste	Local		17. Henderson Creek	Existing
17/03/2020	51518316	Manhole	Grille Hinge	Waste	Local		17. Henderson Creek	Existing
17/03/2020	51518319	Manhole	Grille Hinge	Waste	Local		17. Henderson Creek	Existing
17/03/2020	51518320	Manhole	Grille Hinge	Waste	Local		17. Henderson Creek	Existing
20/03/2020	51510195	Manhole	Grille Hinge	Waste	Local		17. Henderson Creek	Existing
20/03/2020	51510196	Manhole	Grille Hinge	Waste	Local		17. Henderson Creek	Existing
20/03/2020	51510197	Manhole	Grille Hinge	Waste	Local		17. Henderson Creek	Existing
20/03/2020	51510198	Manhole	Grille Hinge	Waste	Local		17. Henderson Creek	Existing
20/03/2020	51518017	Manhole	Grille Hinge	Waste	Local		17. Henderson Creek	Existing
20/03/2020	51518018	Manhole	Grille Hinge	Waste	Local		17. Henderson Creek	Existing
26/03/2020	51518038	Manhole	Grille Hinge	Waste	Local		17. Henderson Creek	Existing
26/03/2020	51518039	Manhole	Grille Hinge	Waste	Local		17. Henderson Creek	Existing
30/03/2020	51518272	Manhole	Grille Hinge	Waste	Local		17. Henderson Creek	Existing
30/03/2020	51518282	Manhole	Grille Hinge	Waste	Local		17. Henderson Creek	Existing
30/03/2020	51518283	Manhole	Grille Hinge	Waste	Local		17. Henderson Creek	Existing
###########	51503263	Manhole	Standard	Waste	Local		18. Whau River	Existing
31/05/2018	51503037	Manhole	Grille Hinge	Waste	Local		18. Whau River	Existing
31/05/2018	51503084	Manhole	Grille Hinge	Waste	Local		18. Whau River	Existing
8/06/2018	51472772	Manhole	Grille Hinge	Waste	Local	1050	18. Whau River	Existing

Install Date	Compkey	Asset type	Process	Network Type	Network	Diameter (mm)	Catchment	Catchment Status
8/06/2018	51472774	Manhole	Grille Hinge	Waste	Local	1050	18. Whau River	Existing
4/10/2018	51263793	Manhole	Grille Hinge	Waste	Local	1050	18. Whau River	Existing
4/10/2018	51263794	Manhole	Grille Hinge	Waste	Local	1050	18. Whau River	Existing
4/10/2018	51263795	Manhole	Grille Hinge	Waste	Local	1050	18. Whau River	Existing
4/10/2018	51263796	Manhole	Grille Hinge	Waste	Local	1050	18. Whau River	Existing
4/10/2018	51263791	Manhole	Grille Hinge	Waste	Local	1200	18. Whau River	Existing
4/10/2018	51263792	Manhole	Grille Hinge	Waste	Local	1200	18. Whau River	Existing
16/10/2018	51263817	Manhole	Grille Hinge	Waste	Local	1050	18. Whau River	Existing
5/11/2018	51447309	Manhole	Grille Hinge	Waste	Local	1050	18. Whau River	Existing
30/11/2018	51475782	Manhole	Grille Hinge	Waste	Local	1050	18. Whau River	Existing
30/11/2018	51475783	Manhole	Grille Hinge	Waste	Local	1050	18. Whau River	Existing
30/11/2018	51475784	Manhole	Grille Hinge	Waste	Local	1050	18. Whau River	Existing
30/11/2018	51475785	Manhole	Grille Hinge	Waste	Local	1050	18. Whau River	Existing
30/11/2018	51475786	Manhole	Grille Hinge	Waste	Local	1050	18. Whau River	Existing
30/11/2018	51475787	Manhole	Grille Hinge	Waste	Local	1050	18. Whau River	Existing
30/11/2018	51475788	Manhole	Grille Hinge	Waste	Local	1050	18. Whau River	Existing
30/11/2018	51475789	Manhole	Grille Hinge	Waste	Local	1050	18. Whau River	Existing
30/11/2018	51475790	Manhole	Grille Hinge	Waste	Local	1050	18. Whau River	Existing
30/11/2018	51475791	Manhole	Grille Hinge	Waste	Local	1050	18. Whau River	Existing
30/11/2018	51476021	Manhole	Grille Hinge	Waste	Local	1050	18. Whau River	Existing
30/11/2018	51475781	Manhole	Grille Hinge	Waste	Local	1200	18. Whau River	Existing
19/12/2018	51312484	Manhole	Grille Hinge	Waste	Local	1050	18. Whau River	Existing
19/12/2018	51312485	Manhole	Grille Hinge	Waste	Local	1050	18. Whau River	Existing
19/12/2018	51312486	Manhole	Grille Hinge	Waste	Local	1050	18. Whau River	Existing
19/12/2018	51312487	Manhole	Grille Hinge	Waste	Local	1050	18. Whau River	Existing
19/12/2018	51312488	Manhole	Grille Hinge	Waste	Local	1050	18. Whau River	Existing
19/12/2018	51312490	Manhole	Grille Hinge	Waste	Local	1050	18. Whau River	Existing
30/01/2019	51289776	Manhole	Grille Hinge	Waste	Local	1050	18. Whau River	Existing
30/01/2019	51289808	Manhole	Grille Hinge	Waste	Local	1050	18. Whau River	Existing
11/02/2019	51450800	Manhole	Grille Hinge	Waste	Local	1050	18. Whau River	Existing
11/02/2019	51450804	Manhole	Grille Hinge	Waste	Local	1050	18. Whau River	Existing

Install Date	Compkey	Asset type	Process	Network Type	Network	Diameter (mm)	Catchment	Catchment Status
18/02/2019	51453504	Manhole	Chamber	Waste	Local	675	18. Whau River	Existing
18/02/2019	51453501	Manhole	Grille Hinge	Waste	Local	1050	18. Whau River	Existing
15/03/2019	51305318	Manhole	Grille Hinge	Waste	Local	1050	18. Whau River	Existing
10/04/2019	51475317	Manhole	Grille Hinge	Waste	Local	1050	18. Whau River	Existing
10/04/2019	51475318	Manhole	Grille Hinge	Waste	Local	1050	18. Whau River	Existing
10/04/2019	51475319	Manhole	Grille Hinge	Waste	Local	1050	18. Whau River	Existing
10/04/2019	51475320	Manhole	Grille Hinge	Waste	Local	1050	18. Whau River	Existing
10/04/2019	51475331	Manhole	Grille Hinge	Waste	Local	1050	18. Whau River	Existing
10/04/2019	51475321	Manhole	Grille Hinge	Waste	Local	1200	18. Whau River	Existing
10/04/2019	51475325	Manhole	Grille Hinge	Waste	Local	1200	18. Whau River	Existing
30/04/2019	51501989	Manhole	Grille Hinge	Waste	Local	1050	18. Whau River	Existing
10/06/2019	51272043	Manhole	Grille Hinge	Waste	Local	1050	18. Whau River	Existing
10/06/2019	51272046	Manhole	Grille Hinge	Waste	Local	1050	18. Whau River	Existing
13/06/2019	51275856	Manhole	Grille Hinge	Waste	Local	1050	18. Whau River	Existing
13/06/2019	51307833	Manhole	Grille Hinge	Waste	Local	1200	18. Whau River	Existing
17/06/2019	51312516	Manhole	Grille Hinge	Waste	Local	1050	18. Whau River	Existing
19/06/2019	51308020	Manhole	Grille Hinge	Waste	Local	1050	18. Whau River	Existing
19/06/2019	51308021	Manhole	Grille Hinge	Waste	Local	1050	18. Whau River	Existing
19/06/2019	51308022	Manhole	Grille Hinge	Waste	Local	1050	18. Whau River	Existing
19/06/2019	51308023	Manhole	Grille Hinge	Waste	Local	1050	18. Whau River	Existing
19/06/2019	51308025	Manhole	Grille Hinge	Waste	Local	1050	18. Whau River	Existing
19/06/2019	51308026	Manhole	Grille Hinge	Waste	Local	1050	18. Whau River	Existing
19/06/2019	51308028	Manhole	Grille Hinge	Waste	Local	1050	18. Whau River	Existing
20/06/2019	51462194	Manhole	Chamber	Waste	Local	675	18. Whau River	Existing
20/06/2019	51456259	Manhole	Grille Hinge	Waste	Local	1050	18. Whau River	Existing
20/06/2019	51456263	Manhole	Grille Hinge	Waste	Local	1050	18. Whau River	Existing
20/06/2019	51456264	Manhole	Grille Hinge	Waste	Local	1050	18. Whau River	Existing
27/06/2019	51492900	Manhole	Grille Hinge	Waste	Local	1050	18. Whau River	Existing
28/06/2019	51296896	Manhole	Chamber	Waste	Local	675	18. Whau River	Existing
28/06/2019	51296902	Manhole	Chamber	Waste	Local	675	18. Whau River	Existing
28/06/2019	51307882	Manhole	Chamber	Waste	Local	675	18. Whau River	Existing

Install Date	Compkey	Asset type	Process	Network Type	Network	Diameter (mm)	Catchment	Catchment Status
28/06/2019	51307884	Manhole	Chamber	Waste	Local	675	18. Whau River	Existing
9/07/2019	51308954	Manhole	Grille Hinge	Waste	Local	1050	18. Whau River	Existing
9/07/2019	51309004	Manhole	Grille Hinge	Waste	Local	1050	18. Whau River	Existing
10/07/2019	51312358	Manhole	Grille Hinge	Waste	Local	1050	18. Whau River	Existing
17/07/2019	51298886	Manhole	Chamber	Waste	Local	675	18. Whau River	Existing
17/07/2019	51298888	Manhole	Grille Hinge	Waste	Local	1050	18. Whau River	Existing
17/07/2019	51298890	Manhole	Grille Hinge	Waste	Local	1050	18. Whau River	Existing
17/07/2019	51308098	Manhole	Grille Hinge	Waste	Local	1050	18. Whau River	Existing
17/07/2019	51308099	Manhole	Grille Hinge	Waste	Local	1050	18. Whau River	Existing
24/07/2019	51474484	Manhole	Grille Hinge	Waste	Local	1050	18. Whau River	Existing
24/07/2019	51474485	Manhole	Grille Hinge	Waste	Local	1050	18. Whau River	Existing
24/07/2019	51476807	Manhole	Grille Hinge	Waste	Local	1050	18. Whau River	Existing
24/07/2019	51495639	Manhole	Grille Hinge	Waste	Local	1050	18. Whau River	Existing
24/07/2019	51495640	Manhole	Grille Hinge	Waste	Local	1050	18. Whau River	Existing
31/07/2019	51447001	Manhole	Grille Hinge	Waste	Local	1050	18. Whau River	Existing
31/07/2019	51447003	Manhole	Grille Hinge	Waste	Local	1050	18. Whau River	Existing
5/08/2019	51453709	Manhole	Grille Hinge	Waste	Local	1050	18. Whau River	Existing
6/08/2019	51299197	Manhole	Grille Hinge	Waste	Local	1050	18. Whau River	Existing
6/08/2019	51299203	Manhole	Grille Hinge	Waste	Local	1050	18. Whau River	Existing
6/08/2019	51299204	Manhole	Grille Hinge	Waste	Local	1050	18. Whau River	Existing
6/08/2019	51453724	Manhole	Grille Hinge	Waste	Local	1050	18. Whau River	Existing
19/08/2019	51454657	Manhole	Chamber	Waste	Local	675	18. Whau River	Existing
26/08/2019	51462110	Manhole	Grille Hinge	Waste	Local	1050	18. Whau River	Existing
27/08/2019	51502490	Manhole	Grille Hinge	Waste	Local		18. Whau River	Existing
27/08/2019	51502492	Manhole	Grille Hinge	Waste	Local		18. Whau River	Existing
27/08/2019	51502493	Manhole	Grille Hinge	Waste	Local		18. Whau River	Existing
28/08/2019	51466440	Manhole	Grille Hinge	Waste	Local	1050	18. Whau River	Existing
30/08/2019	51468395	Manhole	Grille Hinge	Waste	Local	1050	18. Whau River	Existing
5/09/2019	51492664	Manhole	Chamber	Waste	Local	675	18. Whau River	Existing
5/09/2019	51492663	Manhole	Grille Hinge	Waste	Local	1050	18. Whau River	Existing
11/09/2019	51461821	Manhole	Chamber	Waste	Local	675	18. Whau River	Existing

Install Date	Compkey	Asset type	Process	Network Type	Network	Diameter (mm)	Catchment	Catchment Status
20/09/2019	51309309	Manhole	Chamber	Waste	Local	675	18. Whau River	Existing
27/09/2019	51487059	Manhole	Chamber	Waste	Local	675	18. Whau River	Existing
17/10/2019	51487813	Manhole	Grille Hinge	Waste	Local	1050	18. Whau River	Existing
17/10/2019	51487814	Manhole	Grille Hinge	Waste	Local	1050	18. Whau River	Existing
5/11/2019	51501980	Manhole	Grille Hinge	Waste	Local	1050	18. Whau River	Existing
5/11/2019	51501982	Manhole	Grille Hinge	Waste	Local	1050	18. Whau River	Existing
7/11/2019	51495851	Manhole	Grille Hinge	Waste	Local	1050	18. Whau River	Existing
22/11/2019	51496693	Manhole	Grille Hinge	Waste	Local	1050	18. Whau River	Existing
10/12/2019	51506970	Manhole	Grille Hinge	Waste	Local		18. Whau River	Existing
10/12/2019	51506971	Manhole	Grille Hinge	Waste	Local		18. Whau River	Existing
17/12/2019	51506903	Manhole	Chamber	Waste	Local		18. Whau River	Existing
31/12/2019	51516549	Manhole	Grille Hinge	Waste	Local		18. Whau River	Existing
31/12/2019	51516555	Manhole	Chamber	Waste	Local		18. Whau River	Existing
31/12/2019	51516563	Manhole	Grille Hinge	Waste	Local		18. Whau River	Existing
8/01/2020	51502680	Manhole	Grille Hinge	Waste	Local		18. Whau River	Existing
8/01/2020	51502685	Manhole	Grille Hinge	Waste	Local		18. Whau River	Existing
28/01/2020	51509408	Manhole	Grille Hinge	Waste	Local		18. Whau River	Existing
28/01/2020	51509409	Manhole	Grille Hinge	Waste	Local		18. Whau River	Existing
28/01/2020	51518098	Manhole	Grille Hinge	Waste	Local		18. Whau River	Existing
28/01/2020	51518101	Manhole	Grille Hinge	Waste	Local		18. Whau River	Existing
31/01/2020	51501848	Manhole	Grille Hinge	Waste	Local	1050	18. Whau River	Existing
3/02/2020	51508689	Manhole	Grille Hinge	Waste	Local		18. Whau River	Existing
3/02/2020	51508690	Manhole	Grille Hinge	Waste	Local		18. Whau River	Existing
3/02/2020	51508691	Manhole	Grille Hinge	Waste	Local		18. Whau River	Existing
3/02/2020	51508703	Manhole	Chamber	Waste	Local		18. Whau River	Existing
10/02/2020	51508912	Manhole	Grille Hinge	Waste	Local		18. Whau River	Existing
12/02/2020	51502987	Manhole	Grille Hinge	Waste	Local		18. Whau River	Existing
17/03/2020	51517978	Manhole	Grille Hinge	Waste	Local		18. Whau River	Existing
17/03/2020	51517976	Manhole	Grille Hinge	Waste	Local		18. Whau River	Existing
23/03/2020	51517977	Manhole	Grille Hinge	Waste	Local		18. Whau River	Existing
25/07/2019	51508970	Manhole	Grille Hinge	Waste	Local		19. Laingholm	Existing

Install Date	Compkey	Asset type	Process	Network Type	Network	Diameter (mm)	Catchment	Catchment Status
25/07/2019	51508971	Manhole	Grille Hinge	Waste	Local		19. Laingholm	Existing
29/06/2018	51492343	Manhole	Grille Hinge	Waste	Local	1200	20. Cox's Bay	Existing
20/05/2019	51284385	Manhole	Grille Hinge	Waste	Local	1050	20. Cox's Bay	Existing
20/05/2019	51284386	Manhole	Grille Hinge	Waste	Local	1050	20. Cox's Bay	Existing
18/06/2019	51307782	Manhole	Grille Hinge	Waste	Local	1050	20. Cox's Bay	Existing
18/06/2019	51307783	Manhole	Grille Hinge	Waste	Local	1050	20. Cox's Bay	Existing
31/07/2019	51453697	Manhole	Chamber	Waste	Local	675	20. Cox's Bay	Existing
31/07/2019	51456284	Manhole	Grille Hinge	Waste	Local	1050	20. Cox's Bay	Existing
31/07/2019	51456287	Manhole	Grille Hinge	Waste	Local	1050	20. Cox's Bay	Existing
8/08/2019	51487179	Manhole	Grille Hinge	Waste	Local	1050	20. Cox's Bay	Existing
8/08/2019	51487180	Manhole	Grille Hinge	Waste	Local	1050	20. Cox's Bay	Existing
15/08/2019	51460343	Manhole	Grille Hinge	Waste	Local	1050	20. Cox's Bay	Existing
15/08/2019	51460348	Manhole	Grille Hinge	Waste	Local	1050	20. Cox's Bay	Existing
17/09/2019	51472535	Manhole	Grille Hinge	Combined	Local	1200	20. Cox's Bay	Existing
31/10/2019	51488040	Manhole	Grille Hinge	Waste	Local	1050	20. Cox's Bay	Existing
31/10/2019	51488042	Manhole	Grille Hinge	Waste	Local	1200	20. Cox's Bay	Existing
29/01/2020	51512853	Manhole	Grille Hinge	Waste	Local		20. Cox's Bay	Existing
29/01/2020	51512854	Manhole	Grille Hinge	Waste	Local		20. Cox's Bay	Existing
22/01/1916	51509116	Manhole	Standard	Waste	Local		21. Central Auckland CBD	Existing
22/01/1916	51509120	Manhole	Standard	Waste	Local		21. Central Auckland CBD	Existing
22/01/1916	51509125	Manhole	Chamber	Waste	Local		21. Central Auckland CBD	Existing
22/01/1916	51509127	Manhole	Standard	Waste	Local		21. Central Auckland CBD	Existing
22/01/1916	51312883	Manhole	Standard	Waste	Local	1050	21. Central Auckland CBD	Existing
1/01/1923	51507032	Manhole	Standard	Waste	Local		21. Central Auckland CBD	Existing
30/06/1955	51509163	Manhole	Standard	Waste	Local		21. Central Auckland CBD	Existing
1/09/2003	51312893	Manhole	Standard	Waste	Local	1050	21. Central Auckland CBD	Existing
24/01/2019	51265595	Manhole	Grille Hinge	Waste	Local	1050	21. Central Auckland CBD	Existing
24/01/2019	51265597	Manhole	Grille Hinge	Waste	Local	1050	21. Central Auckland CBD	Existing
15/04/2019	51284435	Manhole	Standard	Waste	Local	1050	21. Central Auckland CBD	Existing
14/05/2019	51263574	Manhole	Grille Hinge	Waste	Local	1050	21. Central Auckland CBD	Existing
14/05/2019	51263581	Manhole	Grille Hinge	Waste	Local	1050	21. Central Auckland CBD	Existing

Install Date	Compkey	Asset type	Process	Network Type	Network	Diameter (mm)	Catchment	Catchment Status
16/05/2019	51307694	Manhole	Grille Hinge	Waste	Local	1050	21. Central Auckland CBD	Existing
16/05/2019	51307695	Manhole	Grille Hinge	Waste	Local	1050	21. Central Auckland CBD	Existing
11/07/2019	51312899	Manhole	Grille Hinge	Waste	Local	1050	21. Central Auckland CBD	Existing
11/07/2019	51312878	Manhole	Grille Hinge	Waste	Local	1200	21. Central Auckland CBD	Existing
11/07/2019	51328984	Manhole	Grille Hinge	Waste	Local	1200	21. Central Auckland CBD	Existing
1/08/2019	51460342	Manhole	Grille Hinge	Waste	Local	1200	21. Central Auckland CBD	Existing
1/08/2019	51460352	Manhole	Grille Hinge	Waste	Local	1200	21. Central Auckland CBD	Existing
9/09/2019	51453583	Manhole	Grille Hinge	Waste	Local	1050	21. Central Auckland CBD	Existing
9/09/2019	51453582	Manhole	Grille Hinge	Waste	Local	1050	21. Central Auckland CBD	Existing
9/09/2019	51453580	Manhole	Grille Hinge	Waste	Local	1050	21. Central Auckland CBD	Existing
10/10/2019	51502480	Manhole	Grille Hinge	Waste	Local		21. Central Auckland CBD	Existing
14/11/2019	51496998	Manhole	Grille Hinge	Combined	Local	1050	21. Central Auckland CBD	Existing
17/12/2019	51505020	Manhole	Grille Hinge	Waste	Local		21. Central Auckland CBD	Existing
15/07/1919	51502630	Manhole	Standard	Waste	Local		22. Hobson Bay	Existing
25/08/1930	51487846	Manhole	Standard	Waste	Local	1050	22. Hobson Bay	Existing
21/12/1940	51462168	Manhole	Chamber	Waste	Local	675	22. Hobson Bay	Existing
21/08/1946	51308939	Manhole	Standard	Waste	Local	1050	22. Hobson Bay	Existing
21/08/1946	51467426	Manhole	Standard	Waste	Local	1050	22. Hobson Bay	Existing
21/05/2018	51265669	Manhole	Grille Hinge	Waste	Local	1050	22. Hobson Bay	Existing
30/05/2018	51297426	Manhole	Grille Hinge	Waste	Local	1050	22. Hobson Bay	Existing
30/05/2018	51297428	Manhole	Grille Hinge	Waste	Local	1050	22. Hobson Bay	Existing
24/09/2018	51485317	Manhole	Grille Hinge	Waste	Local	1050	22. Hobson Bay	Existing
30/01/2019	51275445	Manhole	Grille Hinge	Waste	Local	1050	22. Hobson Bay	Existing
30/01/2019	51275446	Manhole	Grille Hinge	Waste	Local	1050	22. Hobson Bay	Existing
26/04/2019	51467403	Manhole	Grille Hinge	Waste	Local	1050	22. Hobson Bay	Existing
29/04/2019	51263397	Manhole	Grille Hinge	Waste	Local	1050	22. Hobson Bay	Existing
29/04/2019	51263406	Manhole	Grille Hinge	Waste	Local	1050	22. Hobson Bay	Existing
29/04/2019	51263407	Manhole	Grille Hinge	Waste	Local	1050	22. Hobson Bay	Existing
29/04/2019	51263396	Manhole	Grille Hinge	Waste	Local	1200	22. Hobson Bay	Existing
6/05/2019	51270219	Manhole	Grille Hinge	Waste	Local	1050	22. Hobson Bay	Existing
6/05/2019	51270239	Manhole	Grille Hinge	Waste	Local	1050	22. Hobson Bay	Existing

Install Date	Compkey	Asset type	Process	Network Type	Network	Diameter (mm)	Catchment	Catchment Status
25/05/2019	51509216	Manhole	Grille Hinge	Waste	Local		22. Hobson Bay	Existing
11/06/2019	51286862	Manhole	Grille Hinge	Waste	Local	1050	22. Hobson Bay	Existing
11/06/2019	51286865	Manhole	Grille Hinge	Waste	Local	1050	22. Hobson Bay	Existing
13/06/2019	51294333	Manhole	Grille Hinge	Waste	Local	1050	22. Hobson Bay	Existing
18/06/2019	51297069	Manhole	Chamber	Waste	Local	675	22. Hobson Bay	Existing
12/07/2019	51309883	Manhole	Grille Hinge	Waste	Local	1050	22. Hobson Bay	Existing
16/07/2019	51460330	Manhole	Chamber	Waste	Local	675	22. Hobson Bay	Existing
16/07/2019	51487188	Manhole	Grille Hinge	Waste	Local	1050	22. Hobson Bay	Existing
19/07/2019	51496925	Manhole	Grille Hinge	Waste	Local	1050	22. Hobson Bay	Existing
7/08/2019	51462163	Manhole	Grille Hinge	Waste	Local	1050	22. Hobson Bay	Existing
7/08/2019	51462162	Manhole	Grille Hinge	Waste	Local	1200	22. Hobson Bay	Existing
14/08/2019	51462331	Manhole	Grille Hinge	Waste	Local	1050	22. Hobson Bay	Existing
14/08/2019	51462329	Manhole	Grille Hinge	Waste	Local	1200	22. Hobson Bay	Existing
19/08/2019	51462204	Manhole	Grille Hinge	Waste	Local	1050	22. Hobson Bay	Existing
3/09/2019	51462095	Manhole	Grille Hinge	Waste	Local	1050	22. Hobson Bay	Existing
11/09/2019	51466436	Manhole	Grille Hinge	Waste	Local	1050	22. Hobson Bay	Existing
11/09/2019	51496979	Manhole	Grille Hinge	Waste	Local	1050	22. Hobson Bay	Existing
23/09/2019	51502191	Manhole	Grille Hinge	Waste	Local	1050	22. Hobson Bay	Existing
3/10/2019	51358956	Manhole	Chamber	Waste	Local	675	22. Hobson Bay	Existing
3/10/2019	51358953	Manhole	Grille Hinge	Waste	Local	1050	22. Hobson Bay	Existing
3/10/2019	51502024	Manhole	Grille Hinge	Waste	Local	1050	22. Hobson Bay	Existing
3/10/2019	51502026	Manhole	Grille Hinge	Waste	Local	1050	22. Hobson Bay	Existing
11/10/2019	51492965	Manhole	Grille Hinge	Waste	Local	1050	22. Hobson Bay	Existing
11/10/2019	51492966	Manhole	Grille Hinge	Waste	Local	1050	22. Hobson Bay	Existing
11/10/2019	51497003	Manhole	Grille Hinge	Waste	Local	1050	22. Hobson Bay	Existing
22/10/2019	51483045	Manhole	Grille Hinge	Waste	Local	1050	22. Hobson Bay	Existing
22/10/2019	51483050	Manhole	Grille Hinge	Waste	Local	1200	22. Hobson Bay	Existing
25/10/2019	51475179	Manhole	Grille Hinge	Waste	Local	1050	22. Hobson Bay	Existing
25/10/2019	51475180	Manhole	Grille Hinge	Waste	Local	1050	22. Hobson Bay	Existing
25/10/2019	51475181	Manhole	Grille Hinge	Waste	Local	1050	22. Hobson Bay	Existing
25/10/2019	51475182	Manhole	Grille Hinge	Waste	Local	1050	22. Hobson Bay	Existing

Install Date	Compkey	Asset type	Process	Network Type	Network	Diameter (mm)	Catchment	Catchment Status
15/11/2019	51499952	Manhole	Grille Hinge	Waste	Local	1050	22. Hobson Bay	Existing
21/11/2019	51512885	Manhole	Grille Hinge	Waste	Local		22. Hobson Bay	Existing
21/11/2019	51512886	Manhole	Grille Hinge	Waste	Local		22. Hobson Bay	Existing
21/11/2019	51512891	Manhole	Grille Hinge	Waste	Local		22. Hobson Bay	Existing
21/11/2019	51512893	Manhole	Grille Hinge	Waste	Local		22. Hobson Bay	Existing
21/11/2019	51512896	Manhole	Grille Hinge	Waste	Local		22. Hobson Bay	Existing
21/11/2019	51512897	Manhole	Grille Hinge	Waste	Local		22. Hobson Bay	Existing
4/12/2019	51504989	Manhole	Grille Hinge	Waste	Local		22. Hobson Bay	Existing
4/12/2019	51504990	Manhole	Grille Hinge	Waste	Local		22. Hobson Bay	Existing
4/12/2019	51504992	Manhole	Grille Hinge	Waste	Local		22. Hobson Bay	Existing
4/12/2019	51504994	Manhole	Grille Hinge	Waste	Local		22. Hobson Bay	Existing
19/12/2019	51501911	Manhole	Chamber	Waste	Local	675	22. Hobson Bay	Existing
19/12/2019	51501912	Manhole	Grille Hinge	Waste	Local	1050	22. Hobson Bay	Existing
19/12/2019	51501913	Manhole	Grille Hinge	Waste	Local	1050	22. Hobson Bay	Existing
15/01/2020	51502944	Manhole	Chamber	Waste	Local		22. Hobson Bay	Existing
20/01/2020	51503344	Manhole	Grille Hinge	Waste	Local		22. Hobson Bay	Existing
30/01/2020	51502271	Manhole	Grille Hinge	Waste	Local	1050	22. Hobson Bay	Existing
30/01/2020	51502275	Manhole	Grille Hinge	Waste	Local	1050	22. Hobson Bay	Existing
30/01/2020	51502276	Manhole	Grille Hinge	Waste	Local	1050	22. Hobson Bay	Existing
30/01/2020	51502277	Manhole	Grille Hinge	Waste	Local	1050	22. Hobson Bay	Existing
30/01/2020	51502278	Manhole	Grille Hinge	Waste	Local	1050	22. Hobson Bay	Existing
30/01/2020	51502272	Manhole	Grille Hinge	Waste	Local	1050	22. Hobson Bay	Existing
30/01/2020	51502279	Manhole	Grille Hinge	Waste	Local	1050	22. Hobson Bay	Existing
30/01/2020	51502273	Manhole	Grille Hinge	Waste	Local	1200	22. Hobson Bay	Existing
30/01/2020	51502274	Manhole	Grille Hinge	Waste	Local	1200	22. Hobson Bay	Existing
2/02/2020	51508963	Manhole	Grille Hinge	Waste	Local		22. Hobson Bay	Existing
2/02/2020	51508964	Manhole	Grille Hinge	Waste	Local		22. Hobson Bay	Existing
3/02/2020	51503493	Manhole	Grille Hinge	Waste	Local		22. Hobson Bay	Existing
3/02/2020	51507107	Manhole	Grille Hinge	Waste	Local		22. Hobson Bay	Existing
5/02/2020	51509844	Manhole	Grille Hinge	Waste	Local		22. Hobson Bay	Existing
29/02/2020	51497422	Manhole	Grille Hinge	Waste	Local	1050	22. Hobson Bay	Existing

Install Date	Compkey	Asset type	Process	Network Type	Network	Diameter (mm)	Catchment	Catchment Status
20/03/2020	51510286	Manhole	Grille Hinge	Waste	Local		22. Hobson Bay	Existing
20/03/2020	51510287	Manhole	Grille Hinge	Waste	Local		22. Hobson Bay	Existing
30/03/2020	51510351	Manhole	Grille Hinge	Waste	Local		22. Hobson Bay	Existing
30/03/2020	51510352	Manhole	Grille Hinge	Waste	Local		22. Hobson Bay	Existing
30/03/2020	51510356	Manhole	Grille Hinge	Waste	Local		22. Hobson Bay	Existing
30/03/2020	51510358	Manhole	Chamber	Waste	Local		22. Hobson Bay	Existing
5/11/1923	51286615	Manhole	Standard	Waste	Local	1050	23. Onehunga	Existing
1/02/2018	51308072	Manhole	Grille Hinge	Waste	Local	1050	23. Onehunga	Existing
28/11/2018	51263717	Manhole	Grille Hinge	Waste	Local	1050	23. Onehunga	Existing
17/05/2019	51269501	Manhole	Grille Hinge	Waste	Local	1050	23. Onehunga	Existing
21/05/2019	51265648	Manhole	Grille Hinge	Waste	Local	1050	23. Onehunga	Existing
5/06/2019	51308962	Manhole	Chamber	Waste	Local	675	23. Onehunga	Existing
7/06/2019	51270322	Manhole	Grille Hinge	Waste	Local	1050	23. Onehunga	Existing
7/06/2019	51270324	Manhole	Grille Hinge	Waste	Local	1200	23. Onehunga	Existing
11/06/2019	51289697	Manhole	Grille Hinge	Waste	Local	1050	23. Onehunga	Existing
11/06/2019	51289700	Manhole	Grille Hinge	Waste	Local	1050	23. Onehunga	Existing
17/06/2019	51293871	Manhole	Grille Hinge	Waste	Local	1050	23. Onehunga	Existing
17/06/2019	51293875	Manhole	Grille Hinge	Waste	Local	1050	23. Onehunga	Existing
18/06/2019	51286618	Manhole	Grille Hinge	Waste	Local	1050	23. Onehunga	Existing
18/06/2019	51290345	Manhole	Grille Hinge	Waste	Local	1050	23. Onehunga	Existing
18/06/2019	51290343	Manhole	Grille Hinge	Waste	Local	1200	23. Onehunga	Existing
19/06/2019	51492345	Manhole	Grille Hinge	Waste	Local	1050	23. Onehunga	Existing
30/06/2019	51492832	Manhole	Grille Hinge	Waste	Local		23. Onehunga	Existing
30/06/2019	51492838	Manhole	Grille Hinge	Waste	Local	1050	23. Onehunga	Existing
1/07/2019	51447054	Manhole	Grille Hinge	Waste	Local	1050	23. Onehunga	Existing
1/07/2019	51447056	Manhole	Grille Hinge	Waste	Local	1050	23. Onehunga	Existing
1/07/2019	51447057	Manhole	Grille Hinge	Waste	Local	1050	23. Onehunga	Existing
1/07/2019	51447058	Manhole	Grille Hinge	Waste	Local	1050	23. Onehunga	Existing
1/07/2019	51447059	Manhole	Grille Hinge	Waste	Local	1050	23. Onehunga	Existing
1/07/2019	51447060	Manhole	Grille Hinge	Waste	Local	1050	23. Onehunga	Existing
2/07/2019	51308974	Manhole	Chamber	Waste	Local	675	23. Onehunga	Existing

Install Date	Compkey	Asset type	Process	Network Type	Network	Diameter (mm)	Catchment	Catchment Status
4/07/2019	51502964	Manhole	Grille Hinge	Waste	Local		23. Onehunga	Existing
4/07/2019	51502965	Manhole	Chamber	Waste	Local		23. Onehunga	Existing
16/07/2019	51312406	Manhole	Grille Hinge	Waste	Local	1050	23. Onehunga	Existing
16/07/2019	51312407	Manhole	Grille Hinge	Waste	Local	1050	23. Onehunga	Existing
23/07/2019	51461710	Manhole	Chamber	Waste	Local	675	23. Onehunga	Existing
23/07/2019	51461714	Manhole	Chamber	Waste	Local	675	23. Onehunga	Existing
23/07/2019	51461830	Manhole	Chamber	Waste	Local	675	23. Onehunga	Existing
23/07/2019	51461832	Manhole	Chamber	Waste	Local	675	23. Onehunga	Existing
23/07/2019	51461633	Manhole	Grille Hinge	Waste	Local	1050	23. Onehunga	Existing
23/07/2019	51461634	Manhole	Grille Hinge	Waste	Local	1050	23. Onehunga	Existing
23/07/2019	51461639	Manhole	Grille Hinge	Waste	Local	1050	23. Onehunga	Existing
23/07/2019	51461647	Manhole	Grille Hinge	Waste	Local	1050	23. Onehunga	Existing
23/07/2019	51461648	Manhole	Grille Hinge	Waste	Local	1050	23. Onehunga	Existing
23/07/2019	51461651	Manhole	Grille Hinge	Waste	Local	1050	23. Onehunga	Existing
23/07/2019	51461712	Manhole	Grille Hinge	Waste	Local	1050	23. Onehunga	Existing
23/07/2019	51461831	Manhole	Grille Hinge	Waste	Local	1050	23. Onehunga	Existing
23/07/2019	51461833	Manhole	Grille Hinge	Waste	Local	1050	23. Onehunga	Existing
23/07/2019	51461851	Manhole	Grille Hinge	Waste	Local	1050	23. Onehunga	Existing
29/07/2019	51493835	Manhole	Grille Hinge	Waste	Local	1050	23. Onehunga	Existing
31/07/2019	51453486	Manhole	Grille Hinge	Waste	Local	1050	23. Onehunga	Existing
15/08/2019	51501985	Manhole	Grille Hinge	Waste	Local	1050	23. Onehunga	Existing
15/08/2019	51501987	Manhole	Chamber	Waste	Local	1050	23. Onehunga	Existing
19/08/2019	51454693	Manhole	Grille Hinge	Waste	Local	1050	23. Onehunga	Existing
19/08/2019	51462238	Manhole	Grille Hinge	Waste	Local	1050	23. Onehunga	Existing
19/08/2019	51462239	Manhole	Grille Hinge	Waste	Local	1050	23. Onehunga	Existing
27/08/2019	51492943	Manhole	Chamber	Waste	Local	675	23. Onehunga	Existing
27/08/2019	51492944	Manhole	Chamber	Waste	Local	675	23. Onehunga	Existing
27/08/2019	51492945	Manhole	Chamber	Waste	Local	675	23. Onehunga	Existing
27/08/2019	51492946	Manhole	Grille Hinge	Waste	Local	1050	23. Onehunga	Existing
30/08/2019	51308075	Manhole	Grille Hinge	Waste	Local	1050	23. Onehunga	Existing
30/08/2019	51308076	Manhole	Grille Hinge	Waste	Local	1050	23. Onehunga	Existing

Install Date	Compkey	Asset type	Process	Network Type	Network	Diameter (mm)	Catchment	Catchment Status
11/09/2019	51360230	Manhole	Chamber	Waste	Local	675	23. Onehunga	Existing
11/09/2019	51360231	Manhole	Chamber	Waste	Local	675	23. Onehunga	Existing
11/09/2019	51360229	Manhole	Grille Hinge	Waste	Local	1050	23. Onehunga	Existing
11/09/2019	51492496	Manhole	Grille Hinge	Waste	Local	1050	23. Onehunga	Existing
24/09/2019	51468784	Manhole	Grille Hinge	Waste	Local	1050	23. Onehunga	Existing
1/10/2019	51481946	Manhole	Grille Hinge	Waste	Local	1050	23. Onehunga	Existing
1/10/2019	51481949	Manhole	Grille Hinge	Waste	Local	1050	23. Onehunga	Existing
1/10/2019	51481955	Manhole	Grille Hinge	Waste	Local	1050	23. Onehunga	Existing
1/10/2019	51481957	Manhole	Grille Hinge	Waste	Local	1050	23. Onehunga	Existing
1/10/2019	51496911	Manhole	Grille Hinge	Waste	Local	1050	23. Onehunga	Existing
1/10/2019	51496914	Manhole	Grille Hinge	Waste	Local	1050	23. Onehunga	Existing
2/10/2019	51502808	Manhole	Grille Hinge	Waste	Local		23. Onehunga	Existing
2/10/2019	51502809	Manhole	Grille Hinge	Waste	Local		23. Onehunga	Existing
2/10/2019	51502810	Manhole	Grille Hinge	Waste	Local		23. Onehunga	Existing
11/10/2019	51492369	Manhole	Chamber	Waste	Local	675	23. Onehunga	Existing
16/10/2019	51501563	Manhole	Chamber	Waste	Local	675	23. Onehunga	Existing
16/10/2019	51501561	Manhole	Grille Hinge	Waste	Local	1050	23. Onehunga	Existing
17/10/2019	51497292	Manhole	Grille Hinge	Waste	Local	1050	23. Onehunga	Existing
17/10/2019	51497293	Manhole	Grille Hinge	Waste	Local	1050	23. Onehunga	Existing
17/10/2019	51497294	Manhole	Grille Hinge	Waste	Local	1050	23. Onehunga	Existing
23/10/2019	51512969	Manhole	Grille Hinge	Waste	Local		23. Onehunga	Existing
23/10/2019	51512978	Manhole	Grille Hinge	Waste	Local		23. Onehunga	Existing
23/10/2019	51501710	Manhole	Chamber	Waste	Local	675	23. Onehunga	Existing
23/10/2019	51501711	Manhole	Chamber	Waste	Local	675	23. Onehunga	Existing
23/10/2019	51483322	Manhole	Grille Hinge	Waste	Local	1050	23. Onehunga	Existing
31/10/2019	51509159	Manhole	Grille Hinge	Waste	Local		23. Onehunga	Existing
31/10/2019	51509160	Manhole	Grille Hinge	Waste	Local		23. Onehunga	Existing
31/10/2019	51509161	Manhole	Grille Hinge	Waste	Local		23. Onehunga	Existing
17/01/2020	51503270	Manhole	Grille Hinge	Waste	Local		23. Onehunga	Existing
24/01/2020	51509038	Manhole	Grille Hinge	Waste	Local		23. Onehunga	Existing
24/01/2020	51509053	Manhole	Grille Hinge	Waste	Local		23. Onehunga	Existing

Install Date	Compkey	Asset type	Process	Network Type	Network	Diameter (mm)	Catchment	Catchment Status
19/02/2020	51512860	Manhole	Grille Hinge	Waste	Local		23. Onehunga	Existing
5/03/2020	51512800	Manhole	Grille Hinge	Waste	Local		23. Onehunga	Existing
11/03/2020	51517945	Manhole	Grille Hinge	Waste	Local		23. Onehunga	Existing
31/12/2018	51502440	Manhole	Grille Hinge	Waste	Local		24. Mangere	Existing
31/12/2018	51502441	Manhole	Grille Hinge	Waste	Local		24. Mangere	Existing
31/12/2018	51502442	Manhole	Grille Hinge	Waste	Local		24. Mangere	Existing
31/12/2018	51502443	Manhole	Grille Hinge	Waste	Local		24. Mangere	Existing
31/12/2018	51502444	Manhole	Grille Hinge	Waste	Local		24. Mangere	Existing
31/12/2018	51502445	Manhole	Grille Hinge	Waste	Local		24. Mangere	Existing
30/04/2019	51267533	Manhole	Chamber	Waste	Local	675	24. Mangere	Existing
17/05/2019	51270272	Manhole	Grille Hinge	Waste	Local	1050	24. Mangere	Existing
19/06/2019	51286850	Manhole	Grille Hinge	Waste	Local	1050	24. Mangere	Existing
19/06/2019	51286851	Manhole	Grille Hinge	Waste	Local	1050	24. Mangere	Existing
20/06/2019	51294376	Manhole	Grille Hinge	Waste	Local	1050	24. Mangere	Existing
29/07/2019	51309135	Manhole	Grille Hinge	Waste	Local	1050	24. Mangere	Existing
29/07/2019	51309136	Manhole	Grille Hinge	Waste	Local	1050	24. Mangere	Existing
30/07/2019	51453701	Manhole	Chamber	Waste	Local	675	24. Mangere	Existing
6/08/2019	51305372	Manhole	Grille Hinge	Waste	Local	1050	24. Mangere	Existing
7/08/2019	51299058	Manhole	Grille Hinge	Waste	Local	1050	24. Mangere	Existing
7/08/2019	51299062	Manhole	Grille Hinge	Waste	Local	1050	24. Mangere	Existing
7/08/2019	51456999	Manhole	Grille Hinge	Waste	Local	1050	24. Mangere	Existing
7/08/2019	51457000	Manhole	Grille Hinge	Waste	Local	1050	24. Mangere	Existing
1/09/2019	51512941	Manhole	Grille Hinge	Waste	Local		24. Mangere	Existing
1/09/2019	51512942	Manhole	Grille Hinge	Waste	Local		24. Mangere	Existing
11/09/2019	51309171	Manhole	Chamber	Waste	Local	675	24. Mangere	Existing
23/09/2019	51492473	Manhole	Grille Hinge	Waste	Local	1050	24. Mangere	Existing
23/09/2019	51492475	Manhole	Grille Hinge	Waste	Local	1050	24. Mangere	Existing
23/09/2019	51492481	Manhole	Grille Hinge	Waste	Local	1050	24. Mangere	Existing
24/09/2019	51479618	Manhole	Grille Hinge	Waste	Local	1050	24. Mangere	Existing
7/10/2019	51502501	Manhole	Grille Hinge	Waste	Local		24. Mangere	Existing
7/10/2019	51502503	Manhole	Chamber	Waste	Local		24. Mangere	Existing

Install Date	Compkey	Asset type	Process	Network Type	Network	Diameter (mm)	Catchment	Catchment Status
6/11/2019	51496694	Manhole	Grille Hinge	Waste	Local	1050	24. Mangere	Existing
6/11/2019	51501469	Manhole	Grille Hinge	Waste	Local	1050	24. Mangere	Existing
6/11/2019	51501295	Manhole	Grille Hinge	Waste	Local	1200	24. Mangere	Existing
8/11/2019	51492651	Manhole	Grille Hinge	Waste	Local	1050	24. Mangere	Existing
8/11/2019	51492655	Manhole	Grille Hinge	Waste	Local	1050	24. Mangere	Existing
18/11/2019	51512930	Manhole	Grille Hinge	Waste	Local		24. Mangere	Existing
12/12/2019	51512784	Manhole	Grille Hinge	Waste	Local		24. Mangere	Existing
12/12/2019	51499892	Manhole	Grille Hinge	Waste	Local	1050	24. Mangere	Existing
12/12/2019	51499893	Manhole	Grille Hinge	Waste	Local	1050	24. Mangere	Existing
12/12/2019	51499894	Manhole	Grille Hinge	Waste	Local	1050	24. Mangere	Existing
12/12/2019	51499896	Manhole	Grille Hinge	Waste	Local	1050	24. Mangere	Existing
17/12/2019	51502018	Manhole	Grille Hinge	Waste	Local	1050	24. Mangere	Existing
2/01/2020	51502069	Manhole	Grille Hinge	Waste	Local	1050	24. Mangere	Existing
13/01/2020	51509099	Manhole	Chamber	Waste	Local		24. Mangere	Existing
28/01/2020	51508677	Manhole	Grille Hinge	Waste	Local		24. Mangere	Existing
28/01/2020	51508680	Manhole	Grille Hinge	Waste	Local		24. Mangere	Existing
28/01/2020	51508681	Manhole	Grille Hinge	Waste	Local		24. Mangere	Existing
27/02/2020	51510742	Manhole	Grille Hinge	Waste	Local		24. Mangere	Existing
27/02/2020	51510743	Manhole	Grille Hinge	Waste	Local		24. Mangere	Existing
25/07/1950	51467134	Manhole	Standard	Waste	Local	1050	25. Lower Tamaki River	Existing
25/07/1950	51467142	Manhole	Standard	Waste	Local	1050	25. Lower Tamaki River	Existing
10/11/1954	51485256	Manhole	Standard	Waste	Local	1050	25. Lower Tamaki River	Existing
8/02/2018	51263762	Manhole	Grille Hinge	Waste	Local	1050	25. Lower Tamaki River	Existing
25/05/2018	51501528	Manhole	Grille Hinge	Waste	Local	1050	25. Lower Tamaki River	Existing
25/05/2018	51501529	Manhole	Grille Hinge	Waste	Local	1050	25. Lower Tamaki River	Existing
10/07/2018	51473774	Manhole	Chamber	Waste	Local	600	25. Lower Tamaki River	Existing
11/09/2018	51467053	Manhole	Grille Hinge	Waste	Local	1050	25. Lower Tamaki River	Existing
11/09/2018	51467054	Manhole	Grille Hinge	Waste	Local	1050	25. Lower Tamaki River	Existing
11/09/2018	51467055	Manhole	Grille Hinge	Waste	Local	1050	25. Lower Tamaki River	Existing
9/10/2018	51299166	Manhole	Grille Hinge	Waste	Local	1050	25. Lower Tamaki River	Existing
5/12/2018	51271136	Manhole	Grille Hinge	Waste	Local	1200	25. Lower Tamaki River	Existing

Install Date	Compkey	Asset type	Process	Network Type	Network	Diameter (mm)	Catchment	Catchment Status
5/12/2018	51271140	Manhole	Grille Hinge	Waste	Local	1200	25. Lower Tamaki River	Existing
5/12/2018	51271139	Manhole	Grille Hinge	Waste	Local	1500	25. Lower Tamaki River	Existing
30/01/2019	51265537	Manhole	Grille Hinge	Waste	Local	1050	25. Lower Tamaki River	Existing
30/01/2019	51265544	Manhole	Grille Hinge	Waste	Local	1050	25. Lower Tamaki River	Existing
28/02/2019	51284726	Manhole	Grille Hinge	Waste	Local	1050	25. Lower Tamaki River	Existing
21/03/2019	51263421	Manhole	Chamber	Waste	Local	675	25. Lower Tamaki River	Existing
30/04/2019	51263485	Manhole	Grille Hinge	Waste	Local	1050	25. Lower Tamaki River	Existing
30/04/2019	51263489	Manhole	Grille Hinge	Waste	Local	1050	25. Lower Tamaki River	Existing
28/05/2019	51269358	Manhole	Chamber	Waste	Local	675	25. Lower Tamaki River	Existing
29/05/2019	51501287	Manhole	Grille Hinge	Waste	Local	1050	25. Lower Tamaki River	Existing
31/05/2019	51285751	Manhole	Grille Hinge	Waste	Local	1050	25. Lower Tamaki River	Existing
31/05/2019	51284920	Manhole	Grille Hinge	Waste	Local	1200	25. Lower Tamaki River	Existing
31/05/2019	51285339	Manhole	Grille Hinge	Waste	Local	1200	25. Lower Tamaki River	Existing
31/05/2019	51284911	Manhole	Grille Hinge	Waste	Local	1500	25. Lower Tamaki River	Existing
31/05/2019	51284923	Manhole	Grille Hinge	Waste	Local	1500	25. Lower Tamaki River	Existing
7/06/2019	51297043	Manhole	Grille Hinge	Waste	Local	1050	25. Lower Tamaki River	Existing
7/06/2019	51297045	Manhole	Grille Hinge	Waste	Local	1050	25. Lower Tamaki River	Existing
10/06/2019	51309411	Manhole	Chamber	Waste	Local	675	25. Lower Tamaki River	Existing
11/06/2019	51275862	Manhole	Grille Hinge	Waste	Local	1050	25. Lower Tamaki River	Existing
11/06/2019	51275864	Manhole	Grille Hinge	Waste	Local	1050	25. Lower Tamaki River	Existing
11/06/2019	51275865	Manhole	Grille Hinge	Waste	Local	1050	25. Lower Tamaki River	Existing
11/06/2019	51275866	Manhole	Grille Hinge	Waste	Local	1050	25. Lower Tamaki River	Existing
11/06/2019	51275867	Manhole	Grille Hinge	Waste	Local	1050	25. Lower Tamaki River	Existing
11/06/2019	51275863	Manhole	Grille Hinge	Waste	Local	1200	25. Lower Tamaki River	Existing
18/06/2019	51307295	Manhole	Chamber	Waste	Local	675	25. Lower Tamaki River	Existing
26/06/2019	51297053	Manhole	Chamber	Waste	Local	675	25. Lower Tamaki River	Existing
1/07/2019	51308064	Manhole	Grille Hinge	Waste	Local	1050	25. Lower Tamaki River	Existing
2/07/2019	51468521	Manhole	Grille Hinge	Waste	Local	1050	25. Lower Tamaki River	Existing
10/07/2019	51483005	Manhole	Grille Hinge	Waste	Local	1050	25. Lower Tamaki River	Existing
10/07/2019	51483008	Manhole	Grille Hinge	Waste	Local	1050	25. Lower Tamaki River	Existing
12/07/2019	51309913	Manhole	Grille Hinge	Waste	Local	1050	25. Lower Tamaki River	Existing

Install Date	Compkey	Asset type	Process	Network Type	Network	Diameter (mm)	Catchment	Catchment Status
17/07/2019	51305688	Manhole	Grille Hinge	Waste	Local	1050	25. Lower Tamaki River	Existing
17/07/2019	51305687	Manhole	Grille Hinge	Waste	Local	1200	25. Lower Tamaki River	Existing
18/07/2019	51462045	Manhole	Grille Hinge	Waste	Local	1050	25. Lower Tamaki River	Existing
26/07/2019	51447049	Manhole	Grille Hinge	Waste	Local	1050	25. Lower Tamaki River	Existing
26/07/2019	51447051	Manhole	Grille Hinge	Waste	Local	1200	25. Lower Tamaki River	Existing
31/07/2019	51456112	Manhole	Grille Hinge	Waste	Local	1050	25. Lower Tamaki River	Existing
31/07/2019	51456214	Manhole	Grille Hinge	Waste	Local	1050	25. Lower Tamaki River	Existing
31/07/2019	51456217	Manhole	Grille Hinge	Waste	Local	1050	25. Lower Tamaki River	Existing
19/08/2019	51462212	Manhole	Grille Hinge	Waste	Local	1500	25. Lower Tamaki River	Existing
20/08/2019	51471689	Manhole	Grille Hinge	Waste	Local	1050	25. Lower Tamaki River	Existing
20/08/2019	51471693	Manhole	Grille Hinge	Waste	Local	1050	25. Lower Tamaki River	Existing
20/08/2019	51471695	Manhole	Grille Hinge	Waste	Local	1050	25. Lower Tamaki River	Existing
20/08/2019	51471697	Manhole	Grille Hinge	Waste	Local	1050	25. Lower Tamaki River	Existing
20/08/2019	51471698	Manhole	Grille Hinge	Waste	Local	1050	25. Lower Tamaki River	Existing
20/08/2019	51471699	Manhole	Grille Hinge	Waste	Local	1050	25. Lower Tamaki River	Existing
20/08/2019	51471700	Manhole	Grille Hinge	Waste	Local	1050	25. Lower Tamaki River	Existing
20/08/2019	51471701	Manhole	Grille Hinge	Waste	Local	1050	25. Lower Tamaki River	Existing
20/08/2019	51471702	Manhole	Grille Hinge	Waste	Local	1050	25. Lower Tamaki River	Existing
22/08/2019	51466533	Manhole	Grille Hinge	Waste	Local	1050	25. Lower Tamaki River	Existing
22/08/2019	51466535	Manhole	Grille Hinge	Waste	Local	1050	25. Lower Tamaki River	Existing
22/08/2019	51466537	Manhole	Grille Hinge	Waste	Local	1050	25. Lower Tamaki River	Existing
22/08/2019	51466539	Manhole	Grille Hinge	Waste	Local	1050	25. Lower Tamaki River	Existing
22/08/2019	51466541	Manhole	Grille Hinge	Waste	Local	1050	25. Lower Tamaki River	Existing
22/08/2019	51466549	Manhole	Grille Hinge	Waste	Local	1050	25. Lower Tamaki River	Existing
22/08/2019	51466552	Manhole	Grille Hinge	Waste	Local	1050	25. Lower Tamaki River	Existing
22/08/2019	51466554	Manhole	Grille Hinge	Waste	Local	1050	25. Lower Tamaki River	Existing
22/08/2019	51466556	Manhole	Grille Hinge	Waste	Local	1050	25. Lower Tamaki River	Existing
22/08/2019	51466562	Manhole	Grille Hinge	Waste	Local	1050	25. Lower Tamaki River	Existing
22/08/2019	51466566	Manhole	Grille Hinge	Waste	Local	1050	25. Lower Tamaki River	Existing
22/08/2019	51466571	Manhole	Grille Hinge	Waste	Local	1050	25. Lower Tamaki River	Existing
22/08/2019	51466573	Manhole	Grille Hinge	Waste	Local	1050	25. Lower Tamaki River	Existing

Install Date	Compkey	Asset type	Process	Network Type	Network	Diameter (mm)	Catchment	Catchment Status
22/08/2019	51466575	Manhole	Grille Hinge	Waste	Local	1050	25. Lower Tamaki River	Existing
22/08/2019	51466578	Manhole	Grille Hinge	Waste	Local	1050	25. Lower Tamaki River	Existing
22/08/2019	51466669	Manhole	Grille Hinge	Waste	Local	1050	25. Lower Tamaki River	Existing
22/08/2019	51466671	Manhole	Grille Hinge	Waste	Local	1050	25. Lower Tamaki River	Existing
22/08/2019	51466673	Manhole	Grille Hinge	Waste	Local	1050	25. Lower Tamaki River	Existing
22/08/2019	51466674	Manhole	Grille Hinge	Waste	Local	1050	25. Lower Tamaki River	Existing
22/08/2019	51466740	Manhole	Grille Hinge	Waste	Local	1050	25. Lower Tamaki River	Existing
22/08/2019	51466741	Manhole	Grille Hinge	Waste	Local	1050	25. Lower Tamaki River	Existing
22/08/2019	51466531	Manhole	Grille Hinge	Waste	Local	1200	25. Lower Tamaki River	Existing
22/08/2019	51466560	Manhole	Grille Hinge	Waste	Local	1200	25. Lower Tamaki River	Existing
22/08/2019	51466558	Manhole	Grille Hinge	Waste	Local	1350	25. Lower Tamaki River	Existing
23/08/2019	51467038	Manhole	Grille Hinge	Waste	Local	1200	25. Lower Tamaki River	Existing
28/08/2019	51499988	Manhole	Grille Hinge	Waste	Local	1050	25. Lower Tamaki River	Existing
28/08/2019	51499992	Manhole	Grille Hinge	Waste	Local	1050	25. Lower Tamaki River	Existing
30/08/2019	51468741	Manhole	Chamber	Waste	Local	675	25. Lower Tamaki River	Existing
13/09/2019	51502781	Manhole	Grille Hinge	Waste	Local		25. Lower Tamaki River	Existing
19/09/2019	51471417	Manhole	Grille Hinge	Waste	Local	1050	25. Lower Tamaki River	Existing
23/09/2019	51475763	Manhole	Chamber	Waste	Local	675	25. Lower Tamaki River	Existing
23/09/2019	51446995	Manhole	Grille Hinge	Waste	Local	1050	25. Lower Tamaki River	Existing
23/09/2019	51446996	Manhole	Grille Hinge	Waste	Local	1050	25. Lower Tamaki River	Existing
25/09/2019	51497227	Manhole	Chamber	Waste	Local	675	25. Lower Tamaki River	Existing
25/09/2019	51360255	Manhole	Grille Hinge	Waste	Local	1050	25. Lower Tamaki River	Existing
25/09/2019	51360258	Manhole	Grille Hinge	Waste	Local	1050	25. Lower Tamaki River	Existing
25/09/2019	51360260	Manhole	Grille Hinge	Waste	Local	1050	25. Lower Tamaki River	Existing
11/10/2019	51496990	Manhole	Grille Hinge	Waste	Local	1050	25. Lower Tamaki River	Existing
11/10/2019	51496993	Manhole	Grille Hinge	Waste	Local	1050	25. Lower Tamaki River	Existing
11/10/2019	51496994	Manhole	Grille Hinge	Waste	Local	1050	25. Lower Tamaki River	Existing
15/10/2019	51474871	Manhole	Grille Hinge	Waste	Local	1050	25. Lower Tamaki River	Existing
15/10/2019	51474886	Manhole	Grille Hinge	Waste	Local	1050	25. Lower Tamaki River	Existing
15/10/2019	51474887	Manhole	Grille Hinge	Waste	Local	1050	25. Lower Tamaki River	Existing
15/10/2019	51501446	Manhole	Grille Hinge	Waste	Local	1050	25. Lower Tamaki River	Existing

Install Date	Compkey	Asset type	Process	Network Type	Network	Diameter (mm)	Catchment	Catchment Status
15/10/2019	51501450	Manhole	Grille Hinge	Waste	Local	1050	25. Lower Tamaki River	Existing
27/10/2019	51501995	Manhole	Grille Hinge	Waste	Local	1050	25. Lower Tamaki River	Existing
27/10/2019	51501996	Manhole	Grille Hinge	Waste	Local	1050	25. Lower Tamaki River	Existing
29/10/2019	51505062	Manhole	Grille Hinge	Waste	Local		25. Lower Tamaki River	Existing
29/10/2019	51492392	Manhole	Grille Hinge	Waste	Local	1050	25. Lower Tamaki River	Existing
5/11/2019	51496775	Manhole	Grille Hinge	Waste	Local	1050	25. Lower Tamaki River	Existing
5/11/2019	51496777	Manhole	Grille Hinge	Waste	Local	1050	25. Lower Tamaki River	Existing
5/11/2019	51496782	Manhole	Grille Hinge	Waste	Local	1050	25. Lower Tamaki River	Existing
5/11/2019	51496783	Manhole	Grille Hinge	Waste	Local	1050	25. Lower Tamaki River	Existing
5/11/2019	51496806	Manhole	Grille Hinge	Waste	Local	1050	25. Lower Tamaki River	Existing
5/11/2019	51496810	Manhole	Grille Hinge	Waste	Local	1050	25. Lower Tamaki River	Existing
5/11/2019	51496813	Manhole	Grille Hinge	Waste	Local	1050	25. Lower Tamaki River	Existing
5/11/2019	51496818	Manhole	Grille Hinge	Waste	Local	1050	25. Lower Tamaki River	Existing
5/11/2019	51496776	Manhole	Grille Hinge	Waste	Local	1200	25. Lower Tamaki River	Existing
5/11/2019	51496767	Manhole	Grille Hinge	Waste	Local	1350	25. Lower Tamaki River	Existing
13/11/2019	51501851	Manhole	Grille Hinge	Waste	Local	1050	25. Lower Tamaki River	Existing
14/11/2019	51501862	Manhole	Grille Hinge	Waste	Local	1050	25. Lower Tamaki River	Existing
19/11/2019	51501497	Manhole	Grille Hinge	Waste	Local	1200	25. Lower Tamaki River	Existing
25/11/2019	51492702	Manhole	Grille Hinge	Waste	Local	1050	25. Lower Tamaki River	Existing
25/11/2019	51499963	Manhole	Grille Hinge	Waste	Local	1050	25. Lower Tamaki River	Existing
25/11/2019	51499968	Manhole	Grille Hinge	Waste	Local	1050	25. Lower Tamaki River	Existing
25/11/2019	51492700	Manhole	Grille Hinge	Waste	Local	1200	25. Lower Tamaki River	Existing
10/01/2020	51507185	Manhole	Grille Hinge	Waste	Local		25. Lower Tamaki River	Existing
28/01/2020	51516960	Manhole	Grille Hinge	Waste	Local		25. Lower Tamaki River	Existing
3/02/2020	51518181	Access	Chamber	Waste	Local		25. Lower Tamaki River	Existing
7/02/2020	51507101	Manhole	Grille Hinge	Waste	Local		25. Lower Tamaki River	Existing
7/02/2020	51507102	Manhole	Grille Hinge	Waste	Local		25. Lower Tamaki River	Existing
11/02/2020	51503411	Manhole	Grille Hinge	Waste	Local		25. Lower Tamaki River	Existing
11/02/2020	51503412	Manhole	Grille Hinge	Waste	Local		25. Lower Tamaki River	Existing
26/02/2020	51510073	Manhole	Grille Hinge	Waste	Local		25. Lower Tamaki River	Existing
2/03/2020	51510376	Manhole	Grille Hinge	Waste	Local		25. Lower Tamaki River	Existing

Install Date	Compkey	Asset type	Process	Network Type	Network	Diameter (mm)	Catchment	Catchment Status
2/03/2020	51510377	Manhole	Grille Hinge	Waste	Local		25. Lower Tamaki River	Existing
2/03/2020	51510378	Manhole	Grille Hinge	Waste	Local		25. Lower Tamaki River	Existing
20/03/2020	51510209	Manhole	Grille Hinge	Waste	Local		25. Lower Tamaki River	Existing
20/03/2020	51510213	Manhole	Grille Hinge	Waste	Local		25. Lower Tamaki River	Existing
30/11/2020	51512843	Manhole	Grille Hinge	Waste	Local		25. Lower Tamaki River	Existing
30/11/2020	51512844	Manhole	Grille Hinge	Waste	Local		25. Lower Tamaki River	Existing
30/11/2020	51512845	Manhole	Grille Hinge	Waste	Local		25. Lower Tamaki River	Existing
30/11/2020	51512846	Manhole	Grille Hinge	Waste	Local		25. Lower Tamaki River	Existing
30/11/2020	51512847	Manhole	Grille Hinge	Waste	Local		25. Lower Tamaki River	Existing
18/07/1950	51271170	Manhole	Standard	Waste	Local	1050	26. Upper Tamaki River	Existing
1/01/1960	51297034	Manhole	Standard	Waste	Local	1050	26. Upper Tamaki River	Existing
1/01/1961	51479849	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
1/01/1963	51288642	Manhole	Standard	Waste	Local	1050	26. Upper Tamaki River	Existing
1/01/1963	51288646	Manhole	Standard	Waste	Local	1050	26. Upper Tamaki River	Existing
1/01/1983	51312785	Manhole	Standard	Waste	Local	1050	26. Upper Tamaki River	Existing
23/07/2009	51486983	Manhole	Standard	Waste	Local	1050	26. Upper Tamaki River	Existing
1/07/2011	51269866	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
1/07/2011	51269867	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
31/10/2012	51312364	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
31/10/2012	51312365	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
31/10/2012	51312366	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
31/10/2012	51312367	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
8/11/2017	51460350	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
8/11/2017	51460360	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
8/11/2017	51460362	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
8/11/2017	51460363	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
8/11/2017	51460559	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
8/11/2017	51461379	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
8/11/2017	51461380	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
8/11/2017	51461383	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
8/11/2017	51461385	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing

Install Date	Compkey	Asset type	Process	Network Type	Network	Diameter (mm)	Catchment	Catchment Status
6/03/2018	51309180	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
6/03/2018	51309183	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
6/03/2018	51309184	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
6/03/2018	51309175	Manhole	Grille Hinge	Waste	Local	1200	26. Upper Tamaki River	Existing
6/03/2018	51309178	Manhole	Grille Hinge	Waste	Local	1200	26. Upper Tamaki River	Existing
6/03/2018	51309182	Manhole	Grille Hinge	Waste	Local	1200	26. Upper Tamaki River	Existing
30/05/2018	51284700	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
11/07/2018	51454701	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
11/07/2018	51454702	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
11/07/2018	51454703	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
11/07/2018	51454704	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
11/07/2018	51454709	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
11/07/2018	51454710	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
24/07/2018	51495456	Manhole	Chamber	Waste	Local	675	26. Upper Tamaki River	Existing
30/07/2018	51298953	Manhole	Chamber	Waste	Local	675	26. Upper Tamaki River	Existing
30/07/2018	51298944	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
30/07/2018	51298945	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
31/07/2018	51479851	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
31/07/2018	51479852	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
1/08/2018	51503175	Manhole	Grille Hinge	Waste	Local		26. Upper Tamaki River	Existing
1/08/2018	51503177	Manhole	Grille Hinge	Waste	Local		26. Upper Tamaki River	Existing
8/08/2018	51501442	Manhole	Chamber	Waste	Local	675	26. Upper Tamaki River	Existing
8/08/2018	51501440	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
10/08/2018	51518113	Manhole	Grille Hinge	Waste	Local		26. Upper Tamaki River	Existing
10/08/2018	51518130	Manhole	Grille Hinge	Waste	Local		26. Upper Tamaki River	Existing
27/08/2018	51461625	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
1/10/2018	51311450	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
1/10/2018	51311452	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
1/10/2018	51312368	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
1/10/2018	51312369	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
1/10/2018	51312370	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing

Install Date	Compkey	Asset type	Process	Network Type	Network	Diameter (mm)	Catchment	Catchment Status
1/10/2018	51312381	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
1/10/2018	51312382	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
1/10/2018	51312390	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
1/10/2018	51311449	Manhole	Grille Hinge	Waste	Local	1200	26. Upper Tamaki River	Existing
1/10/2018	51311451	Manhole	Grille Hinge	Waste	Local	1200	26. Upper Tamaki River	Existing
1/10/2018	51311453	Manhole	Grille Hinge	Waste	Local	1200	26. Upper Tamaki River	Existing
1/10/2018	51311477	Manhole	Grille Hinge	Waste	Local	1200	26. Upper Tamaki River	Existing
1/10/2018	51311479	Manhole	Grille Hinge	Waste	Local	1200	26. Upper Tamaki River	Existing
9/10/2018	51308113	Manhole	Chamber	Waste	Local	675	26. Upper Tamaki River	Existing
9/10/2018	51308112	Manhole	Grille Hinge	Waste	Local	1200	26. Upper Tamaki River	Existing
15/10/2018	51308957	Manhole	Chamber	Waste	Local	675	26. Upper Tamaki River	Existing
15/10/2018	51310514	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
19/10/2018	51277264	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
19/10/2018	51277265	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
19/10/2018	51277268	Manhole	Grille Hinge	Waste	Local	1200	26. Upper Tamaki River	Existing
23/11/2018	51267962	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
23/11/2018	51267965	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
23/11/2018	51267967	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
23/11/2018	51267968	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
30/11/2018	51265691	Manhole	Chamber	Waste	Local	675	26. Upper Tamaki River	Existing
30/11/2018	51265684	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
3/12/2018	51475439	Manhole	Grille Hinge	Waste	Local	1200	26. Upper Tamaki River	Existing
3/12/2018	51475440	Manhole	Grille Hinge	Waste	Local	1200	26. Upper Tamaki River	Existing
3/12/2018	51475441	Manhole	Grille Hinge	Waste	Local	1200	26. Upper Tamaki River	Existing
3/12/2018	51475442	Manhole	Grille Hinge	Waste	Local	1200	26. Upper Tamaki River	Existing
10/12/2018	51275123	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
10/12/2018	51275135	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
31/01/2019	51290336	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
31/01/2019	51290337	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
25/02/2019	51486981	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
8/04/2019	51280011	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing

Install Date	Compkey	Asset type	Process	Network Type	Network	Diameter (mm)	Catchment	Catchment Status
28/04/2019	51479708	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
28/04/2019	51479712	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
28/04/2019	51479726	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
30/04/2019	51307820	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
3/05/2019	51263606	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
10/05/2019	51271821	Manhole	Chamber	Waste	Local	675	26. Upper Tamaki River	Existing
10/05/2019	51271813	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
17/05/2019	51299269	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
17/05/2019	51460335	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
17/05/2019	51460337	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
21/05/2019	51299387	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
23/05/2019	51263707	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
23/05/2019	51263716	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
23/05/2019	51310436	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
23/05/2019	51310439	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
23/05/2019	51310444	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
28/05/2019	51271429	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
28/05/2019	51271441	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
28/05/2019	51271422	Manhole	Grille Hinge	Waste	Local	1200	26. Upper Tamaki River	Existing
30/05/2019	51501979	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
7/06/2019	51271186	Manhole	Chamber	Waste	Local	675	26. Upper Tamaki River	Existing
7/06/2019	51271175	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
7/06/2019	51271184	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
11/06/2019	51271384	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
13/06/2019	51289848	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
18/06/2019	51298771	Manhole	Chamber	Waste	Local	675	26. Upper Tamaki River	Existing
20/06/2019	51307831	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
20/06/2019	51307838	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
21/06/2019	51290377	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
21/06/2019	51290379	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
21/06/2019	51290381	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing

Install Date	Compkey	Asset type	Process	Network Type	Network	Diameter (mm)	Catchment	Catchment Status
21/06/2019	51492458	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
27/06/2019	51290354	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
27/06/2019	51290355	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
27/06/2019	51298993	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
27/06/2019	51298994	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
27/06/2019	51298995	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
1/07/2019	51492930	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
1/07/2019	51492932	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
2/07/2019	51475003	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
2/07/2019	51475008	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
2/07/2019	51475010	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
2/07/2019	51475011	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
2/07/2019	51475041	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
2/07/2019	51475072	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
2/07/2019	51475074	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
2/07/2019	51475099	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
2/07/2019	51475132	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
2/07/2019	51475138	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
2/07/2019	51475143	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
2/07/2019	51475161	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
2/07/2019	51475163	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
2/07/2019	51475022	Manhole	Grille Hinge	Waste	Local	1200	26. Upper Tamaki River	Existing
2/07/2019	51475031	Manhole	Grille Hinge	Waste	Local	1200	26. Upper Tamaki River	Existing
2/07/2019	51475043	Manhole	Grille Hinge	Waste	Local	1200	26. Upper Tamaki River	Existing
2/07/2019	51475076	Manhole	Grille Hinge	Waste	Local	1200	26. Upper Tamaki River	Existing
2/07/2019	51475085	Manhole	Grille Hinge	Waste	Local	1200	26. Upper Tamaki River	Existing
2/07/2019	51475094	Manhole	Grille Hinge	Waste	Local	1200	26. Upper Tamaki River	Existing
2/07/2019	51475095	Manhole	Grille Hinge	Waste	Local	1200	26. Upper Tamaki River	Existing
2/07/2019	51475158	Manhole	Grille Hinge	Waste	Local	1200	26. Upper Tamaki River	Existing
2/07/2019	51475159	Manhole	Grille Hinge	Waste	Local	1200	26. Upper Tamaki River	Existing
3/07/2019	51453730	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing

Install Date	Compkey	Asset type	Process	Network Type	Network	Diameter (mm)	Catchment	Catchment Status
5/07/2019	51307675	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
5/07/2019	51307678	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
8/07/2019	51306056	Manhole	Chamber	Waste	Local	600	26. Upper Tamaki River	Existing
8/07/2019	51306053	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
8/07/2019	51308977	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
8/07/2019	51308978	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
8/07/2019	51496932	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
10/07/2019	51306023	Manhole	Chamber	Waste	Local	675	26. Upper Tamaki River	Existing
10/07/2019	51298984	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
10/07/2019	51298985	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
10/07/2019	51306022	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
17/07/2019	51305729	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
17/07/2019	51305731	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
18/07/2019	51310365	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
18/07/2019	51312352	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
18/07/2019	51312350	Manhole	Grille Hinge	Waste	Local	1200	26. Upper Tamaki River	Existing
19/07/2019	51455798	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
19/07/2019	51455805	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
19/07/2019	51455826	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
19/07/2019	51455828	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
19/07/2019	51455847	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
19/07/2019	51455861	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
20/07/2019	51467039	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
23/07/2019	51502539	Manhole	Chamber	Waste	Local		26. Upper Tamaki River	Existing
29/07/2019	51299069	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
29/07/2019	51299073	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
30/07/2019	51312832	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
30/07/2019	51312834	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
30/07/2019	51312836	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
30/07/2019	51312838	Manhole	Grille Hinge	Waste	Local	1200	26. Upper Tamaki River	Existing
1/08/2019	51301815	Manhole	Grille	Waste	Local	1050	26. Upper Tamaki River	Existing

Install Date	Compkey	Asset type	Process	Network Type	Network	Diameter (mm)	Catchment	Catchment Status
6/08/2019	51305672	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
6/08/2019	51305671	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
6/08/2019	51305670	Manhole	Grille Hinge	Waste	Local	1200	26. Upper Tamaki River	Existing
7/08/2019	51453690	Manhole	Chamber	Waste	Local	675	26. Upper Tamaki River	Existing
7/08/2019	51453692	Manhole	Chamber	Waste	Local	675	26. Upper Tamaki River	Existing
9/08/2019	51307558	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
9/08/2019	51307561	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
9/08/2019	51307563	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
13/08/2019	51456996	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
13/08/2019	51456210	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
22/08/2019	51305347	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
22/08/2019	51305346	Manhole	Grille Hinge	Waste	Local	1200	26. Upper Tamaki River	Existing
28/08/2019	51467118	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
29/08/2019	51312790	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
29/08/2019	51472808	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
29/08/2019	51472809	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
29/08/2019	51312805	Manhole	Grille Hinge	Waste	Local	1200	26. Upper Tamaki River	Existing
30/08/2019	51492414	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
30/08/2019	51492416	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
30/08/2019	51492418	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
30/08/2019	51492419	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
31/08/2019	51467088	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
3/09/2019	51460322	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
9/09/2019	51468457	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
9/09/2019	51468460	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
9/09/2019	51468462	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
11/09/2019	51479834	Manhole	Chamber	Waste	Local	675	26. Upper Tamaki River	Existing
11/09/2019	51479830	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
17/09/2019	51447026	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
18/09/2019	51467557	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
18/09/2019	51447109	Manhole	Grille Hinge	Waste	Local	1200	26. Upper Tamaki River	Existing

Install Date	Compkey	Asset type	Process	Network Type	Network	Diameter (mm)	Catchment	Catchment Status
22/09/2019	51462320	Manhole	Chamber	Waste	Local	675	26. Upper Tamaki River	Existing
23/09/2019	51496959	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
23/09/2019	51496960	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
24/09/2019	51472669	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
24/09/2019	51485200	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
24/09/2019	51485201	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
24/09/2019	51485203	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
30/09/2019	51479828	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
30/09/2019	51492693	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
1/10/2019	51492826	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
1/10/2019	51492827	Manhole	Grille Hinge	Waste	Local	1200	26. Upper Tamaki River	Existing
2/10/2019	51453627	Manhole	Chamber	Waste	Local	675	26. Upper Tamaki River	Existing
3/10/2019	51492676	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
3/10/2019	51492677	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
7/10/2019	51502390	Manhole	Grille Hinge	Waste	Local		26. Upper Tamaki River	Existing
7/10/2019	51501525	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
9/10/2019	51518195	Manhole	Grille Hinge	Waste	Local		26. Upper Tamaki River	Existing
9/10/2019	51518197	Manhole	Grille Hinge	Waste	Local		26. Upper Tamaki River	Existing
9/10/2019	51518205	Manhole	Grille Hinge	Waste	Local		26. Upper Tamaki River	Existing
9/10/2019	51518207	Manhole	Grille Hinge	Waste	Local		26. Upper Tamaki River	Existing
9/10/2019	51518208	Manhole	Grille Hinge	Waste	Local		26. Upper Tamaki River	Existing
9/10/2019	51518209	Manhole	Grille Hinge	Waste	Local		26. Upper Tamaki River	Existing
9/10/2019	51518210	Manhole	Grille Hinge	Waste	Local		26. Upper Tamaki River	Existing
9/10/2019	51518211	Manhole	Grille Hinge	Waste	Local		26. Upper Tamaki River	Existing
9/10/2019	51518212	Manhole	Grille Hinge	Waste	Local		26. Upper Tamaki River	Existing
9/10/2019	51518221	Manhole	Grille Hinge	Waste	Local		26. Upper Tamaki River	Existing
9/10/2019	51518223	Manhole	Grille Hinge	Waste	Local		26. Upper Tamaki River	Existing
9/10/2019	51518225	Manhole	Grille Hinge	Waste	Local		26. Upper Tamaki River	Existing
9/10/2019	51518227	Manhole	Grille Hinge	Waste	Local		26. Upper Tamaki River	Existing
9/10/2019	51518232	Manhole	Grille Hinge	Waste	Local		26. Upper Tamaki River	Existing
9/10/2019	51518062	Manhole	Grille Hinge	Waste	Local		26. Upper Tamaki River	Existing

Install Date	Compkey	Asset type	Process	Network Type	Network	Diameter (mm)	Catchment	Catchment Status
9/10/2019	51518238	Manhole	Grille Hinge	Waste	Local		26. Upper Tamaki River	Existing
9/10/2019	51518239	Manhole	Grille Hinge	Waste	Local		26. Upper Tamaki River	Existing
9/10/2019	51518243	Manhole	Grille Hinge	Waste	Local		26. Upper Tamaki River	Existing
9/10/2019	51518245	Manhole	Grille Hinge	Waste	Local		26. Upper Tamaki River	Existing
9/10/2019	51518247	Manhole	Grille Hinge	Waste	Local		26. Upper Tamaki River	Existing
9/10/2019	51518248	Manhole	Grille Hinge	Waste	Local		26. Upper Tamaki River	Existing
10/10/2019	51487168	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
10/10/2019	51487169	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
14/10/2019	51492355	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
14/10/2019	51492359	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
14/10/2019	51492360	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
17/10/2019	51497717	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
17/10/2019	51497719	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
17/10/2019	51497723	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
17/10/2019	51497725	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
17/10/2019	51497728	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
17/10/2019	51497730	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
17/10/2019	51499757	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
17/10/2019	51499759	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
17/10/2019	51499760	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
17/10/2019	51499766	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
17/10/2019	51499767	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
17/10/2019	51499768	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
17/10/2019	51499769	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
17/10/2019	51499779	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
17/10/2019	51499780	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
17/10/2019	51499781	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
17/10/2019	51499812	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
17/10/2019	51499813	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
17/10/2019	51497720	Manhole	Grille Hinge	Waste	Local	1200	26. Upper Tamaki River	Existing
17/10/2019	51497722	Manhole	Grille Hinge	Waste	Local	1200	26. Upper Tamaki River	Existing

Install Date	Compkey	Asset type	Process	Network Type	Network	Diameter (mm)	Catchment	Catchment Status
17/10/2019	51499758	Manhole	Grille Hinge	Waste	Local	1200	26. Upper Tamaki River	Existing
17/10/2019	51499765	Manhole	Grille Hinge	Waste	Local	1200	26. Upper Tamaki River	Existing
17/10/2019	51499775	Manhole	Grille Hinge	Waste	Local	1200	26. Upper Tamaki River	Existing
17/10/2019	51499776	Manhole	Grille Hinge	Waste	Local	1200	26. Upper Tamaki River	Existing
17/10/2019	51499777	Manhole	Grille Hinge	Waste	Local	1200	26. Upper Tamaki River	Existing
17/10/2019	51499778	Manhole	Grille Hinge	Waste	Local	1200	26. Upper Tamaki River	Existing
17/10/2019	51499814	Manhole	Grille Hinge	Waste	Local	1200	26. Upper Tamaki River	Existing
17/10/2019	51499816	Manhole	Grille Hinge	Waste	Local	1200	26. Upper Tamaki River	Existing
22/10/2019	51474849	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
22/10/2019	51474850	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
22/10/2019	51474851	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
22/10/2019	51474859	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
22/10/2019	51474861	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
23/10/2019	51501697	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
23/10/2019	51501698	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
23/10/2019	51501699	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
24/10/2019	51487076	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
24/10/2019	51487084	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
24/10/2019	51487097	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
24/10/2019	51487072	Manhole	Grille Hinge	Waste	Local	1200	26. Upper Tamaki River	Existing
24/10/2019	51487078	Manhole	Grille Hinge	Waste	Local	1200	26. Upper Tamaki River	Existing
24/10/2019	51487079	Manhole	Grille Hinge	Waste	Local	1200	26. Upper Tamaki River	Existing
24/10/2019	51487081	Manhole	Grille Hinge	Waste	Local	1200	26. Upper Tamaki River	Existing
31/10/2019	51502313	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
7/11/2019	51502217	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
7/11/2019	51502257	Manhole	Grille Hinge	Waste	Local	1200	26. Upper Tamaki River	Existing
8/11/2019	51502369	Manhole	Grille Hinge	Waste	Local		26. Upper Tamaki River	Existing
8/11/2019	51502370	Manhole	Grille Hinge	Waste	Local		26. Upper Tamaki River	Existing
8/11/2019	51492249	Manhole	Chamber	Waste	Local	675	26. Upper Tamaki River	Existing
8/11/2019	51486996	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
8/11/2019	51492247	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing

Install Date	Compkey	Asset type	Process	Network Type	Network	Diameter (mm)	Catchment	Catchment Status
12/11/2019	51510302	Manhole	Grille Hinge	Waste	Local		26. Upper Tamaki River	Existing
13/11/2019	51471672	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
15/11/2019	51492311	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
19/11/2019	51510211	Manhole	Grille Hinge	Waste	Local		26. Upper Tamaki River	Existing
27/11/2019	51503375	Manhole	Grille Hinge	Waste	Local		26. Upper Tamaki River	Existing
5/12/2019	51492785	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
5/12/2019	51492786	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
5/12/2019	51492787	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
11/12/2019	51492682	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
11/12/2019	51492683	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
11/12/2019	51492684	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
14/12/2019	51496936	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
14/12/2019	51496937	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
14/12/2019	51496939	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
17/12/2019	51503384	Manhole	Grille Hinge	Waste	Local		26. Upper Tamaki River	Existing
19/12/2019	51492295	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
19/12/2019	51492296	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
19/12/2019	51492297	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
19/12/2019	51492298	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
19/12/2019	51492307	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
19/12/2019	51492308	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
19/12/2019	51492309	Manhole	Grille Hinge	Waste	Local	1050	26. Upper Tamaki River	Existing
14/01/2020	51509843	Manhole	Grille Hinge	Waste	Local		26. Upper Tamaki River	Existing
14/01/2020	51509947	Manhole	Grille Hinge	Waste	Local		26. Upper Tamaki River	Existing
20/01/2020	51504985	Manhole	Grille Hinge	Waste	Local		26. Upper Tamaki River	Existing
20/01/2020	51516469	Manhole	Grille Hinge	Waste	Local		26. Upper Tamaki River	Existing
20/01/2020	51516470	Manhole	Grille Hinge	Waste	Local		26. Upper Tamaki River	Existing
20/01/2020	51516471	Manhole	Grille Hinge	Waste	Local		26. Upper Tamaki River	Existing
29/01/2020	51503256	Manhole	Grille Hinge	Waste	Local		26. Upper Tamaki River	Existing
29/01/2020	51503257	Manhole	Grille Hinge	Waste	Local		26. Upper Tamaki River	Existing
30/01/2020	51510017	Manhole	Grille Hinge	Waste	Local		26. Upper Tamaki River	Existing

Install Date	Compkey	Asset type	Process	Network Type	Network	Diameter (mm)	Catchment	Catchment Status
31/01/2020	51502972	Manhole	Grille Hinge	Waste	Local		26. Upper Tamaki River	Existing
31/01/2020	51508819	Manhole	Grille Hinge	Waste	Local		26. Upper Tamaki River	Existing
31/01/2020	51508820	Manhole	Grille Hinge	Waste	Local		26. Upper Tamaki River	Existing
31/01/2020	51508825	Manhole	Grille Hinge	Waste	Local		26. Upper Tamaki River	Existing
31/01/2020	51508927	Manhole	Grille Hinge	Waste	Local		26. Upper Tamaki River	Existing
3/02/2020	51503431	Manhole	Grille Hinge	Waste	Local		26. Upper Tamaki River	Existing
3/02/2020	51510372	Manhole	Grille Hinge	Waste	Local		26. Upper Tamaki River	Existing
4/02/2020	51507033	Manhole	Grille Hinge	Waste	Local		26. Upper Tamaki River	Existing
4/02/2020	51507038	Manhole	Grille Hinge	Waste	Local		26. Upper Tamaki River	Existing
4/02/2020	51507039	Manhole	Grille Hinge	Waste	Local		26. Upper Tamaki River	Existing
4/02/2020	51516497	Manhole	Grille Hinge	Waste	Local		26. Upper Tamaki River	Existing
4/02/2020	51516498	Manhole	Grille Hinge	Waste	Local		26. Upper Tamaki River	Existing
4/02/2020	51516499	Manhole	Grille Hinge	Waste	Local		26. Upper Tamaki River	Existing
4/02/2020	51516500	Manhole	Grille Hinge	Waste	Local		26. Upper Tamaki River	Existing
4/02/2020	51516501	Manhole	Grille Hinge	Waste	Local		26. Upper Tamaki River	Existing
5/02/2020	51502667	Manhole	Grille Hinge	Waste	Local		26. Upper Tamaki River	Existing
5/02/2020	51502669	Manhole	Grille Hinge	Waste	Local		26. Upper Tamaki River	Existing
5/02/2020	51510756	Manhole	Grille Hinge	Waste	Local		26. Upper Tamaki River	Existing
5/02/2020	51510757	Manhole	Grille Hinge	Waste	Local		26. Upper Tamaki River	Existing
12/02/2020	51503155	Manhole	Grille Hinge	Waste	Local		26. Upper Tamaki River	Existing
12/02/2020	51503157	Manhole	Grille Hinge	Waste	Local		26. Upper Tamaki River	Existing
22/02/2020	51516482	Manhole	Chamber	Waste	Local		26. Upper Tamaki River	Existing
22/02/2020	51516483	Manhole	Grille Hinge	Waste	Local		26. Upper Tamaki River	Existing
26/02/2020	51510712	Manhole	Grille Hinge	Waste	Local		26. Upper Tamaki River	Existing
26/02/2020	51510713	Manhole	Grille Hinge	Waste	Local		26. Upper Tamaki River	Existing
3/03/2020	51513006	Manhole	Grille Hinge	Waste	Local		26. Upper Tamaki River	Existing
3/03/2020	51513009	Manhole	Grille Hinge	Waste	Local		26. Upper Tamaki River	Existing
6/03/2020	51512887	Manhole	Grille Hinge	Waste	Local		26. Upper Tamaki River	Existing
7/03/2020	51512866	Manhole	Grille Hinge	Waste	Local		26. Upper Tamaki River	Existing
7/03/2020	51512867	Manhole	Grille Hinge	Waste	Local		26. Upper Tamaki River	Existing
7/03/2020	51512868	Manhole	Grille Hinge	Waste	Local		26. Upper Tamaki River	Existing

Install Date	Compkey	Asset type	Process	Network Type	Network	Diameter (mm)	Catchment	Catchment Status
10/03/2020	51516992	Manhole	Grille Hinge	Waste	Local		26. Upper Tamaki River	Existing
16/03/2020	51510227	Manhole	Grille Hinge	Waste	Local		26. Upper Tamaki River	Existing
16/03/2020	51510270	Manhole	Grille Hinge	Waste	Local		26. Upper Tamaki River	Existing
19/03/2020	51518198	Manhole	Grille Hinge	Waste	Local		26. Upper Tamaki River	Existing
31/03/2020	51518215	Manhole	Grille Hinge	Waste	Local		26. Upper Tamaki River	Existing
2/04/2020	51510622	Manhole	Grille Hinge	Waste	Local		26. Upper Tamaki River	Existing
2/04/2020	51510623	Manhole	Grille Hinge	Waste	Local		26. Upper Tamaki River	Existing
2/04/2020	51510624	Manhole	Grille Hinge	Waste	Local		26. Upper Tamaki River	Existing
2/04/2020	51510625	Manhole	Grille Hinge	Waste	Local		26. Upper Tamaki River	Existing
3/10/2018	51499956	Manhole	Grille Hinge	Waste	Local	1050	27. Cockle Bay	Existing
3/10/2018	51499957	Manhole	Grille Hinge	Waste	Local	1050	27. Cockle Bay	Existing
1/01/1970	51483133	Manhole	Grille Hinge	Waste	Local	1050	28. Puhinui	Existing
29/06/2018	51270837	Manhole	Chamber	Waste	Local	875	28. Puhinui	Existing
30/07/2018	51298808	Manhole	Grille Hinge	Waste	Local	1050	28. Puhinui	Existing
30/07/2018	51298809	Manhole	Grille Hinge	Waste	Local	1050	28. Puhinui	Existing
30/07/2018	51298810	Manhole	Grille Hinge	Waste	Local	1050	28. Puhinui	Existing
5/10/2018	51311472	Manhole	Chamber	Waste	Local	675	28. Puhinui	Existing
5/10/2018	51311469	Manhole	Grille Hinge	Waste	Local	1050	28. Puhinui	Existing
5/10/2018	51311471	Manhole	Grille Hinge	Waste	Local	1050	28. Puhinui	Existing
31/10/2018	51267796	Manhole	Grille Hinge	Waste	Local	1050	28. Puhinui	Existing
31/10/2018	51267877	Manhole	Grille Hinge	Waste	Local	1050	28. Puhinui	Existing
31/10/2018	51267879	Manhole	Grille Hinge	Waste	Local	1050	28. Puhinui	Existing
31/10/2018	51267880	Manhole	Grille Hinge	Waste	Local	1050	28. Puhinui	Existing
21/02/2019	51282479	Manhole	Grille Hinge	Waste	Local	1050	28. Puhinui	Existing
9/04/2019	51290871	Manhole	Grille Hinge	Waste	Local	1050	28. Puhinui	Existing
9/04/2019	51290872	Manhole	Grille Hinge	Waste	Local	1050	28. Puhinui	Existing
9/04/2019	51290873	Manhole	Grille Hinge	Waste	Local	1050	28. Puhinui	Existing
30/04/2019	51501366	Manhole	Chamber	Waste	Local	675	28. Puhinui	Existing
30/04/2019	51502307	Manhole	Grille Hinge	Waste	Local	1050	28. Puhinui	Existing
21/06/2019	51296880	Manhole	Grille Hinge	Waste	Local	1050	28. Puhinui	Existing
26/06/2019	51297076	Manhole	Chamber	Waste	Local	675	28. Puhinui	Existing

Install Date	Compkey	Asset type	Process	Network Type	Network	Diameter (mm)	Catchment	Catchment Status
26/06/2019	51297074	Manhole	Grille Hinge	Waste	Local	1200	28. Puhinui	Existing
28/06/2019	51307711	Manhole	Chamber	Waste	Local	675	28. Puhinui	Existing
8/07/2019	51297038	Manhole	Grille Hinge	Waste	Local	1050	28. Puhinui	Existing
11/07/2019	51308997	Manhole	Grille Hinge	Waste	Local	1050	28. Puhinui	Existing
19/07/2019	51299170	Manhole	Grille Hinge	Waste	Local	1050	28. Puhinui	Existing
8/08/2019	51452456	Manhole	Grille Hinge	Waste	Local	1050	28. Puhinui	Existing
15/08/2019	51358976	Manhole	Grille Hinge	Waste	Local	1050	28. Puhinui	Existing
15/08/2019	51358978	Manhole	Grille Hinge	Waste	Local	1050	28. Puhinui	Existing
15/08/2019	51358979	Manhole	Grille Hinge	Waste	Local	1050	28. Puhinui	Existing
22/08/2019	51454663	Manhole	Grille Hinge	Waste	Local	1050	28. Puhinui	Existing
22/08/2019	51476662	Manhole	Grille Hinge	Waste	Local	1050	28. Puhinui	Existing
22/08/2019	51476663	Manhole	Grille Hinge	Waste	Local	1050	28. Puhinui	Existing
26/08/2019	51502384	Manhole	Chamber	Waste	Local		28. Puhinui	Existing
27/08/2019	51462109	Manhole	Chamber	Waste	Local	675	28. Puhinui	Existing
27/08/2019	51462108	Manhole	Grille Hinge	Waste	Local	1050	28. Puhinui	Existing
29/08/2019	51466441	Manhole	Grille Hinge	Waste	Local	1050	28. Puhinui	Existing
29/08/2019	51466442	Manhole	Grille Hinge	Waste	Local	1050	28. Puhinui	Existing
30/08/2019	51492711	Manhole	Chamber	Waste	Local	675	28. Puhinui	Existing
30/08/2019	51492708	Manhole	Grille Hinge	Waste	Local	1050	28. Puhinui	Existing
30/08/2019	51492709	Manhole	Grille Hinge	Waste	Local	1050	28. Puhinui	Existing
17/09/2019	51473768	Manhole	Grille Hinge	Waste	Local	1050	28. Puhinui	Existing
17/09/2019	51473770	Manhole	Grille Hinge	Waste	Local	1050	28. Puhinui	Existing
17/09/2019	51473775	Manhole	Grille Hinge	Waste	Local	1050	28. Puhinui	Existing
17/09/2019	51473777	Manhole	Grille Hinge	Waste	Local	1050	28. Puhinui	Existing
17/09/2019	51473779	Manhole	Grille Hinge	Waste	Local	1050	28. Puhinui	Existing
17/09/2019	51473785	Manhole	Grille Hinge	Waste	Local	1050	28. Puhinui	Existing
17/09/2019	51473787	Manhole	Grille Hinge	Waste	Local	1050	28. Puhinui	Existing
17/09/2019	51473788	Manhole	Grille Hinge	Waste	Local	1050	28. Puhinui	Existing
17/09/2019	51473766	Manhole	Grille Hinge	Waste	Local	1200	28. Puhinui	Existing
17/09/2019	51473772	Manhole	Grille Hinge	Waste	Local	1200	28. Puhinui	Existing
19/09/2019	51487350	Manhole	Grille Hinge	Waste	Local	1050	28. Puhinui	Existing

Install Date	Compkey	Asset type	Process	Network Type	Network	Diameter (mm)	Catchment	Catchment Status
19/09/2019	51487351	Manhole	Grille Hinge	Waste	Local	1050	28. Puhinui	Existing
19/09/2019	51487352	Manhole	Grille Hinge	Waste	Local	1050	28. Puhinui	Existing
20/09/2019	51497417	Manhole	Grille Hinge	Waste	Local		28. Puhinui	Existing
20/09/2019	51497229	Manhole	Grille Hinge	Waste	Local	1050	28. Puhinui	Existing
20/09/2019	51497230	Manhole	Grille Hinge	Waste	Local	1050	28. Puhinui	Existing
20/09/2019	51497231	Manhole	Grille Hinge	Waste	Local	1050	28. Puhinui	Existing
20/09/2019	51497232	Manhole	Grille Hinge	Waste	Local	1050	28. Puhinui	Existing
20/09/2019	51497236	Manhole	Grille Hinge	Waste	Local	1050	28. Puhinui	Existing
20/09/2019	51497237	Manhole	Grille Hinge	Waste	Local	1050	28. Puhinui	Existing
20/09/2019	51497238	Manhole	Grille Hinge	Waste	Local	1050	28. Puhinui	Existing
20/09/2019	51497244	Manhole	Grille Hinge	Waste	Local	1050	28. Puhinui	Existing
20/09/2019	51497245	Manhole	Grille Hinge	Waste	Local	1050	28. Puhinui	Existing
20/09/2019	51497246	Manhole	Grille Hinge	Waste	Local	1050	28. Puhinui	Existing
20/09/2019	51497247	Manhole	Grille Hinge	Waste	Local	1050	28. Puhinui	Existing
20/09/2019	51497248	Manhole	Grille Hinge	Waste	Local	1050	28. Puhinui	Existing
20/09/2019	51497249	Manhole	Grille Hinge	Waste	Local	1050	28. Puhinui	Existing
20/09/2019	51497356	Manhole	Grille Hinge	Waste	Local	1050	28. Puhinui	Existing
20/09/2019	51497359	Manhole	Grille Hinge	Waste	Local	1050	28. Puhinui	Existing
20/09/2019	51497358	Manhole	Grille Hinge	Waste	Local	1050	28. Puhinui	Existing
20/09/2019	51497361	Manhole	Grille Hinge	Waste	Local	1050	28. Puhinui	Existing
20/09/2019	51497366	Manhole	Grille Hinge	Waste	Local	1050	28. Puhinui	Existing
20/09/2019	51497368	Manhole	Grille Hinge	Waste	Local	1050	28. Puhinui	Existing
20/09/2019	51497369	Manhole	Grille Hinge	Waste	Local	1050	28. Puhinui	Existing
20/09/2019	51497372	Manhole	Grille Hinge	Waste	Local	1050	28. Puhinui	Existing
20/09/2019	51497373	Manhole	Grille Hinge	Waste	Local	1050	28. Puhinui	Existing
20/09/2019	51497390	Manhole	Grille Hinge	Waste	Local	1050	28. Puhinui	Existing
20/09/2019	51497412	Manhole	Grille Hinge	Waste	Local	1050	28. Puhinui	Existing
20/09/2019	51497414	Manhole	Grille Hinge	Waste	Local	1050	28. Puhinui	Existing
20/09/2019	51497415	Manhole	Grille Hinge	Waste	Local	1050	28. Puhinui	Existing
20/09/2019	51497416	Manhole	Grille Hinge	Waste	Local	1050	28. Puhinui	Existing
20/09/2019	51497428	Manhole	Grille Hinge	Waste	Local	1050	28. Puhinui	Existing

Install Date	Compkey	Asset type	Process	Network Type	Network	Diameter (mm)	Catchment	Catchment Status
20/09/2019	51497429	Manhole	Grille Hinge	Waste	Local	1050	28. Puhinui	Existing
20/09/2019	51497430	Manhole	Grille Hinge	Waste	Local	1050	28. Puhinui	Existing
20/09/2019	51497433	Manhole	Grille Hinge	Waste	Local	1050	28. Puhinui	Existing
20/09/2019	51497434	Manhole	Grille Hinge	Waste	Local	1050	28. Puhinui	Existing
20/09/2019	51497435	Manhole	Grille Hinge	Waste	Local	1050	28. Puhinui	Existing
20/09/2019	51497438	Manhole	Grille Hinge	Waste	Local	1050	28. Puhinui	Existing
20/09/2019	51497439	Manhole	Grille Hinge	Waste	Local	1050	28. Puhinui	Existing
20/09/2019	51497440	Manhole	Grille Hinge	Waste	Local	1050	28. Puhinui	Existing
20/09/2019	51497441	Manhole	Grille Hinge	Waste	Local	1050	28. Puhinui	Existing
20/09/2019	51497443	Manhole	Grille Hinge	Waste	Local	1050	28. Puhinui	Existing
20/09/2019	51497448	Manhole	Grille Hinge	Waste	Local	1050	28. Puhinui	Existing
20/09/2019	51497357	Manhole	Grille Hinge	Waste	Local	1200	28. Puhinui	Existing
20/09/2019	51497374	Manhole	Grille Hinge	Waste	Local	1200	28. Puhinui	Existing
20/09/2019	51497376	Manhole	Grille Hinge	Waste	Local	1200	28. Puhinui	Existing
1/10/2019	51479862	Manhole	Grille Hinge	Waste	Local	1050	28. Puhinui	Existing
4/10/2019	51492649	Manhole	Grille Hinge	Waste	Local	1050	28. Puhinui	Existing
8/10/2019	51509259	Manhole	Grille Hinge	Waste	Local		28. Puhinui	Existing
8/10/2019	51509260	Manhole	Grille Hinge	Waste	Local		28. Puhinui	Existing
8/10/2019	51492484	Manhole	Grille Hinge	Waste	Local	1050	28. Puhinui	Existing
14/10/2019	51497006	Manhole	Grille Hinge	Waste	Local	1050	28. Puhinui	Existing
17/10/2019	51496947	Manhole	Grille Hinge	Waste	Local	1050	28. Puhinui	Existing
17/10/2019	51483220	Manhole	Grille Hinge	Waste	Local	1200	28. Puhinui	Existing
24/10/2019	51492528	Manhole	Grille Hinge	Waste	Local	1050	28. Puhinui	Existing
29/10/2019	51492400	Manhole	Chamber	Waste	Local	675	28. Puhinui	Existing
29/10/2019	51492397	Manhole	Grille Hinge	Waste	Local	1050	28. Puhinui	Existing
29/10/2019	51492398	Manhole	Grille Hinge	Waste	Local	1050	28. Puhinui	Existing
29/10/2019	51492399	Manhole	Grille Hinge	Waste	Local	1050	28. Puhinui	Existing
31/10/2019	51492523	Manhole	Grille Hinge	Waste	Local	1050	28. Puhinui	Existing
31/10/2019	51492524	Manhole	Grille Hinge	Waste	Local	1050	28. Puhinui	Existing
7/11/2019	51510371	Manhole	Grille Hinge	Waste	Local		28. Puhinui	Existing
7/11/2019	51510388	Manhole	Grille Hinge	Waste	Local		28. Puhinui	Existing

Install Date	Compkey	Asset type	Process	Network Type	Network	Diameter (mm)	Catchment	Catchment Status
7/11/2019	51510389	Manhole	Grille Hinge	Waste	Local		28. Puhinui	Existing
7/11/2019	51510391	Manhole	Grille Hinge	Waste	Local		28. Puhinui	Existing
7/11/2019	51510392	Manhole	Grille Hinge	Waste	Local		28. Puhinui	Existing
7/11/2019	51510394	Manhole	Grille Hinge	Waste	Local		28. Puhinui	Existing
7/11/2019	51510395	Manhole	Grille Hinge	Waste	Local		28. Puhinui	Existing
7/11/2019	51510396	Manhole	Grille Hinge	Waste	Local		28. Puhinui	Existing
7/11/2019	51510398	Manhole	Grille Hinge	Waste	Local		28. Puhinui	Existing
7/11/2019	51510399	Manhole	Grille Hinge	Waste	Local		28. Puhinui	Existing
7/11/2019	51510400	Manhole	Grille Hinge	Waste	Local		28. Puhinui	Existing
7/11/2019	51510401	Manhole	Grille Hinge	Waste	Local		28. Puhinui	Existing
7/11/2019	51510402	Manhole	Grille Hinge	Waste	Local		28. Puhinui	Existing
7/11/2019	51510404	Manhole	Grille Hinge	Waste	Local		28. Puhinui	Existing
7/11/2019	51492548	Manhole	Grille Hinge	Waste	Local	1050	28. Puhinui	Existing
7/11/2019	51492549	Manhole	Grille Hinge	Waste	Local	1050	28. Puhinui	Existing
7/11/2019	51492558	Manhole	Grille Hinge	Waste	Local	1050	28. Puhinui	Existing
7/11/2019	51492556	Manhole	Grille Hinge	Waste	Local	1200	28. Puhinui	Existing
8/11/2019	51503251	Manhole	Grille Hinge	Waste	Local		28. Puhinui	Existing
8/11/2019	51483134	Manhole	Chamber	Waste	Local	675	28. Puhinui	Existing
8/11/2019	51502058	Manhole	Chamber	Waste	Local	675	28. Puhinui	Existing
8/11/2019	51483135	Manhole	Grille Hinge	Waste	Local	1050	28. Puhinui	Existing
8/11/2019	51483312	Manhole	Grille Hinge	Waste	Local	1050	28. Puhinui	Existing
13/11/2019	51509050	Manhole	Grille Hinge	Waste	Local		28. Puhinui	Existing
13/11/2019	51509054	Manhole	Grille Hinge	Waste	Local		28. Puhinui	Existing
28/11/2019	51516464	Manhole	Grille Hinge	Waste	Local		28. Puhinui	Existing
28/11/2019	51516465	Manhole	Grille Hinge	Waste	Local		28. Puhinui	Existing
9/12/2019	51501298	Manhole	Grille Hinge	Waste	Local	1050	28. Puhinui	Existing
9/12/2019	51501303	Manhole	Grille Hinge	Waste	Local	1050	28. Puhinui	Existing
9/12/2019	51501304	Manhole	Grille Hinge	Waste	Local	1050	28. Puhinui	Existing
18/02/2020	51512999	Manhole	Grille Hinge	Waste	Local		28. Puhinui	Existing
20/02/2020	51503406	Manhole	Grille Hinge	Waste	Local		28. Puhinui	Existing
20/02/2020	51505040	Manhole	Grille Hinge	Waste	Local		28. Puhinui	Existing

Install Date	Compkey	Asset type	Process	Network Type	Network	Diameter (mm)	Catchment	Catchment Status
1/01/1958	51501318	Manhole	Grille Hinge	Waste	Local	1050	29. Pahurehure Inlet	Existing
30/06/1963	51502544	Manhole	Standard	Waste	Local		29. Pahurehure Inlet	Existing
30/09/2007	51273222	Manhole	Standard	Waste	Local	1200	29. Pahurehure Inlet	Existing
19/09/2013	51502662	Manhole	Standard	Waste	Local		29. Pahurehure Inlet	Existing
27/09/2017	51310406	Manhole	Grille Hinge	Waste	Local	1050	29. Pahurehure Inlet	Existing
27/09/2017	51310407	Manhole	Grille Hinge	Waste	Local	1050	29. Pahurehure Inlet	Existing
22/11/2017	51502124	Manhole	Chamber	Waste	Local	675	29. Pahurehure Inlet	Existing
22/11/2017	51502127	Manhole	Chamber	Waste	Local	675	29. Pahurehure Inlet	Existing
22/11/2017	51502131	Manhole	Chamber	Waste	Local	675	29. Pahurehure Inlet	Existing
4/04/2018	51501948	Manhole	Grille Hinge	Waste	Local	1050	29. Pahurehure Inlet	Existing
4/04/2018	51501949	Manhole	Grille Hinge	Waste	Local	1050	29. Pahurehure Inlet	Existing
4/04/2018	51501950	Manhole	Grille Hinge	Waste	Local	1050	29. Pahurehure Inlet	Existing
17/04/2018	51453496	Manhole	Grille Hinge	Waste	Local	1050	29. Pahurehure Inlet	Existing
18/07/2018	4	Access	Inspection	Waste	Transmission		29. Pahurehure Inlet	Future
18/07/2018	4	Access	Inspection	Waste	Transmission		29. Pahurehure Inlet	Future
18/07/2018	4	Access	Inspection	Waste	Transmission		29. Pahurehure Inlet	Future
18/07/2018	4	Access	Inspection	Waste	Transmission		29. Pahurehure Inlet	Future
18/07/2018	4	Access	Inspection	Waste	Transmission		29. Pahurehure Inlet	Future
18/07/2018	4	Access	Inspection	Waste	Transmission		29. Pahurehure Inlet	Future
18/07/2018	4	Access	Inspection	Waste	Transmission		29. Pahurehure Inlet	Future
18/07/2018	4	Manhole	Inspection	Waste	Transmission		29. Pahurehure Inlet	Future
1/08/2018	51273056	Manhole	Grille Hinge	Waste	Local	1050	29. Pahurehure Inlet	Existing
1/08/2018	51273064	Manhole	Grille Hinge	Waste	Local	1050	29. Pahurehure Inlet	Existing
1/08/2018	51273075	Manhole	Grille Hinge	Waste	Local	1050	29. Pahurehure Inlet	Existing
17/08/2018	51273394	Manhole	Grille Hinge	Waste	Local	1050	29. Pahurehure Inlet	Existing
17/08/2018	51273397	Manhole	Grille Hinge	Waste	Local	1050	29. Pahurehure Inlet	Existing
17/08/2018	51273399	Manhole	Grille Hinge	Waste	Local	1050	29. Pahurehure Inlet	Existing
17/08/2018	51273824	Manhole	Grille Hinge	Waste	Local	1050	29. Pahurehure Inlet	Existing
17/08/2018	51273826	Manhole	Grille Hinge	Waste	Local	1050	29. Pahurehure Inlet	Existing
17/08/2018	51273828	Manhole	Grille Hinge	Waste	Local	1050	29. Pahurehure Inlet	Existing
17/08/2018	51273810	Manhole	Grille Hinge	Waste	Local	1200	29. Pahurehure Inlet	Existing

Install Date	Compkey	Asset type	Process	Network Type	Network	Diameter (mm)	Catchment	Catchment Status
17/08/2018	51273812	Manhole	Grille Hinge	Waste	Local	1200	29. Pahurehure Inlet	Existing
17/08/2018	51273816	Manhole	Grille Hinge	Waste	Local	1200	29. Pahurehure Inlet	Existing
17/08/2018	51273818	Manhole	Grille Hinge	Waste	Local	1200	29. Pahurehure Inlet	Existing
17/08/2018	51273820	Manhole	Grille Hinge	Waste	Local	1200	29. Pahurehure Inlet	Existing
17/08/2018	51273822	Manhole	Grille Hinge	Waste	Local	1200	29. Pahurehure Inlet	Existing
22/08/2018	51273170	Manhole	Grille Hinge	Waste	Local	1050	29. Pahurehure Inlet	Existing
22/08/2018	51273178	Manhole	Grille Hinge	Waste	Local	1050	29. Pahurehure Inlet	Existing
22/08/2018	51273182	Manhole	Grille Hinge	Waste	Local	1050	29. Pahurehure Inlet	Existing
22/08/2018	51273201	Manhole	Grille Hinge	Waste	Local	1050	29. Pahurehure Inlet	Existing
22/08/2018	51273202	Manhole	Grille Hinge	Waste	Local	1050	29. Pahurehure Inlet	Existing
22/08/2018	51273168	Manhole	Grille Hinge	Waste	Local	1200	29. Pahurehure Inlet	Existing
7/09/2018	51272769	Manhole	Chamber	Waste	Local	600	29. Pahurehure Inlet	Existing
7/09/2018	51272999	Manhole	Grille Hinge	Waste	Local	1050	29. Pahurehure Inlet	Existing
7/09/2018	51273000	Manhole	Grille Hinge	Waste	Local	1050	29. Pahurehure Inlet	Existing
7/09/2018	51273002	Manhole	Grille Hinge	Waste	Local	1050	29. Pahurehure Inlet	Existing
7/09/2018	51273003	Manhole	Grille Hinge	Waste	Local	1050	29. Pahurehure Inlet	Existing
7/09/2018	51273005	Manhole	Grille Hinge	Waste	Local	1050	29. Pahurehure Inlet	Existing
9/10/2018	51271902	Manhole	Grille Hinge	Waste	Local	1050	29. Pahurehure Inlet	Existing
9/10/2018	51271903	Manhole	Grille Hinge	Waste	Local	1050	29. Pahurehure Inlet	Existing
9/10/2018	51271901	Manhole	Grille Hinge	Waste	Local	1050	29. Pahurehure Inlet	Existing
30/10/2018	51462125	Manhole	Chamber	Waste	Local	675	29. Pahurehure Inlet	Existing
31/10/2018	51273239	Manhole	Grille Hinge	Waste	Local	1200	29. Pahurehure Inlet	Existing
31/10/2018	51273240	Manhole	Grille Hinge	Waste	Local	1200	29. Pahurehure Inlet	Existing
13/11/2018	51276009	Manhole	Chamber	Waste	Local	675	29. Pahurehure Inlet	Existing
21/11/2018	51502264	Manhole	Chamber	Waste	Local	675	29. Pahurehure Inlet	Existing
21/11/2018	51502266	Manhole	Chamber	Waste	Local	675	29. Pahurehure Inlet	Existing
21/11/2018	51275702	Manhole	Grille Hinge	Waste	Local	1050	29. Pahurehure Inlet	Existing
21/11/2018	51275705	Manhole	Grille Hinge	Waste	Local	1050	29. Pahurehure Inlet	Existing
6/12/2018	51276029	Manhole	Grille Hinge	Waste	Local	1050	29. Pahurehure Inlet	Existing
6/12/2018	51277080	Manhole	Grille Hinge	Waste	Local	1050	29. Pahurehure Inlet	Existing
6/12/2018	51277079	Manhole	Grille Hinge	Waste	Local	1050	29. Pahurehure Inlet	Existing

Install Date	Compkey	Asset type	Process	Network Type	Network	Diameter (mm)	Catchment	Catchment Status
6/12/2018	51277082	Manhole	Grille Hinge	Waste	Local	1050	29. Pahurehure Inlet	Existing
6/12/2018	51277081	Manhole	Grille Hinge	Waste	Local	1050	29. Pahurehure Inlet	Existing
6/12/2018	51277086	Manhole	Grille Hinge	Waste	Local	1050	29. Pahurehure Inlet	Existing
6/12/2018	51277088	Manhole	Grille Hinge	Waste	Local	1050	29. Pahurehure Inlet	Existing
6/12/2018	51277087	Manhole	Grille Hinge	Waste	Local	1050	29. Pahurehure Inlet	Existing
6/12/2018	51277089	Manhole	Grille Hinge	Waste	Local	1050	29. Pahurehure Inlet	Existing
6/12/2018	51277085	Manhole	Grille Hinge	Waste	Local	1050	29. Pahurehure Inlet	Existing
6/12/2018	51277109	Manhole	Grille Hinge	Waste	Local	1050	29. Pahurehure Inlet	Existing
6/12/2018	51277108	Manhole	Grille Hinge	Waste	Local	1050	29. Pahurehure Inlet	Existing
6/12/2018	51277105	Manhole	Grille Hinge	Waste	Local	1050	29. Pahurehure Inlet	Existing
6/12/2018	51277106	Manhole	Grille Hinge	Waste	Local	1050	29. Pahurehure Inlet	Existing
9/01/2019	51274088	Manhole	Grille Hinge	Waste	Local	1050	29. Pahurehure Inlet	Existing
9/01/2019	51274090	Manhole	Grille Hinge	Waste	Local	1050	29. Pahurehure Inlet	Existing
9/01/2019	51274098	Manhole	Grille Hinge	Waste	Local	1050	29. Pahurehure Inlet	Existing
9/01/2019	51274099	Manhole	Grille Hinge	Waste	Local	1050	29. Pahurehure Inlet	Existing
9/01/2019	51274103	Manhole	Grille Hinge	Waste	Local	1050	29. Pahurehure Inlet	Existing
9/01/2019	51274117	Manhole	Grille Hinge	Waste	Local	1050	29. Pahurehure Inlet	Existing
9/01/2019	51274116	Manhole	Grille Hinge	Waste	Local	1050	29. Pahurehure Inlet	Existing
9/01/2019	51274127	Manhole	Grille Hinge	Waste	Local	1050	29. Pahurehure Inlet	Existing
9/01/2019	51274140	Manhole	Grille Hinge	Waste	Local	1050	29. Pahurehure Inlet	Existing
9/01/2019	51274143	Manhole	Grille Hinge	Waste	Local	1050	29. Pahurehure Inlet	Existing
9/01/2019	51274165	Manhole	Grille Hinge	Waste	Local	1050	29. Pahurehure Inlet	Existing
9/01/2019	51274164	Manhole	Grille Hinge	Waste	Local	1050	29. Pahurehure Inlet	Existing
9/01/2019	51274174	Manhole	Grille Hinge	Waste	Local	1050	29. Pahurehure Inlet	Existing
9/01/2019	51274176	Manhole	Grille Hinge	Waste	Local	1050	29. Pahurehure Inlet	Existing
9/01/2019	51274185	Manhole	Grille Hinge	Waste	Local	1050	29. Pahurehure Inlet	Existing
9/01/2019	51274191	Manhole	Grille Hinge	Waste	Local	1050	29. Pahurehure Inlet	Existing
9/01/2019	51274100	Manhole	Grille Hinge	Waste	Local	1200	29. Pahurehure Inlet	Existing
9/01/2019	51274115	Manhole	Grille Hinge	Waste	Local	1200	29. Pahurehure Inlet	Existing
9/01/2019	51274126	Manhole	Grille Hinge	Waste	Local	1200	29. Pahurehure Inlet	Existing
9/01/2019	51274131	Manhole	Grille Hinge	Waste	Local	1200	29. Pahurehure Inlet	Existing

Install Date	Compkey	Asset type	Process	Network Type	Network	Diameter (mm)	Catchment	Catchment Status
9/01/2019	51274139	Manhole	Grille Hinge	Waste	Local	1200	29. Pahurehure Inlet	Existing
9/01/2019	51274200	Manhole	Grille Hinge	Waste	Local	1200	29. Pahurehure Inlet	Existing
14/02/2019	51275762	Manhole	Grille Hinge	Waste	Local	1050	29. Pahurehure Inlet	Existing
14/02/2019	51275764	Manhole	Grille Hinge	Waste	Local	1050	29. Pahurehure Inlet	Existing
14/02/2019	51275768	Manhole	Grille Hinge	Waste	Local	1050	29. Pahurehure Inlet	Existing
14/02/2019	51275769	Manhole	Grille Hinge	Waste	Local	1050	29. Pahurehure Inlet	Existing
14/02/2019	51275770	Manhole	Grille Hinge	Waste	Local	1050	29. Pahurehure Inlet	Existing
14/02/2019	51275772	Manhole	Grille Hinge	Waste	Local	1050	29. Pahurehure Inlet	Existing
14/02/2019	51275781	Manhole	Grille Hinge	Waste	Local	1050	29. Pahurehure Inlet	Existing
14/02/2019	51275783	Manhole	Grille Hinge	Waste	Local	1050	29. Pahurehure Inlet	Existing
14/02/2019	51275786	Manhole	Grille Hinge	Waste	Local	1050	29. Pahurehure Inlet	Existing
14/02/2019	51275787	Manhole	Grille Hinge	Waste	Local	1050	29. Pahurehure Inlet	Existing
14/02/2019	51275789	Manhole	Grille Hinge	Waste	Local	1050	29. Pahurehure Inlet	Existing
14/02/2019	51275792	Manhole	Grille Hinge	Waste	Local	1050	29. Pahurehure Inlet	Existing
14/02/2019	51275763	Manhole	Grille Hinge	Waste	Local	1200	29. Pahurehure Inlet	Existing
14/02/2019	51275790	Manhole	Grille Hinge	Waste	Local	1200	29. Pahurehure Inlet	Existing
14/02/2019	51275791	Manhole	Grille Hinge	Waste	Local	1200	29. Pahurehure Inlet	Existing
18/02/2019	51275719	Manhole	Grille Hinge	Waste	Local	1050	29. Pahurehure Inlet	Existing
18/02/2019	51275718	Manhole	Grille Hinge	Waste	Local	1050	29. Pahurehure Inlet	Existing
18/02/2019	51275720	Manhole	Grille Hinge	Waste	Local	1050	29. Pahurehure Inlet	Existing
18/02/2019	51275721	Manhole	Grille Hinge	Waste	Local	1050	29. Pahurehure Inlet	Existing
18/02/2019	51275729	Manhole	Grille Hinge	Waste	Local	1050	29. Pahurehure Inlet	Existing
18/02/2019	51275728	Manhole	Grille Hinge	Waste	Local	1050	29. Pahurehure Inlet	Existing
18/02/2019	51275730	Manhole	Grille Hinge	Waste	Local	1050	29. Pahurehure Inlet	Existing
1/03/2019	51502773	Manhole	Grille Hinge	Waste	Local		29. Pahurehure Inlet	Existing
1/03/2019	51502775	Manhole	Grille Hinge	Waste	Local		29. Pahurehure Inlet	Existing
1/03/2019	51502776	Manhole	Chamber	Waste	Local		29. Pahurehure Inlet	Existing
1/03/2019	51502777	Manhole	Chamber	Waste	Local		29. Pahurehure Inlet	Existing
18/03/2019	51502530	Manhole	Grille Hinge	Waste	Local		29. Pahurehure Inlet	Existing
18/03/2019	51502531	Manhole	Grille Hinge	Waste	Local		29. Pahurehure Inlet	Existing
4/04/2019	51284262	Manhole	Standard	Waste	Local	1050	29. Pahurehure Inlet	Existing

Install Date	Compkey	Asset type	Process	Network Type	Network	Diameter (mm)	Catchment	Catchment Status
8/04/2019	51502517	Manhole	Grille Hinge	Waste	Local		29. Pahurehure Inlet	Existing
16/04/2019	51299040	Manhole	Grille Hinge	Waste	Local	1050	29. Pahurehure Inlet	Existing
1/05/2019	51502375	Manhole	Grille Hinge	Waste	Local		29. Pahurehure Inlet	Existing
1/05/2019	51502377	Manhole	Grille Hinge	Waste	Local		29. Pahurehure Inlet	Existing
17/05/2019	51502556	Manhole	Grille Hinge	Waste	Local		29. Pahurehure Inlet	Existing
17/05/2019	51502558	Manhole	Grille Hinge	Waste	Local		29. Pahurehure Inlet	Existing
17/05/2019	51502560	Manhole	Grille Hinge	Waste	Local		29. Pahurehure Inlet	Existing
28/05/2019	51270700	Manhole	Chamber	Waste	Local	675	29. Pahurehure Inlet	Existing
28/05/2019	51270678	Manhole	Grille Hinge	Waste	Local	1050	29. Pahurehure Inlet	Existing
28/05/2019	51270703	Manhole	Grille Hinge	Waste	Local	1050	29. Pahurehure Inlet	Existing
28/05/2019	51296924	Manhole	Grille Hinge	Waste	Local	1050	29. Pahurehure Inlet	Existing
7/06/2019	51502511	Manhole	Grille Hinge	Waste	Local		29. Pahurehure Inlet	Existing
7/06/2019	51502513	Manhole	Chamber	Waste	Local		29. Pahurehure Inlet	Existing
11/06/2019	51272091	Manhole	Grille Hinge	Waste	Local	1050	29. Pahurehure Inlet	Existing
11/06/2019	51284394	Manhole	Grille Hinge	Waste	Local	1050	29. Pahurehure Inlet	Existing
14/06/2019	51297519	Manhole	Grille Hinge	Waste	Local	1050	29. Pahurehure Inlet	Existing
14/06/2019	51297521	Manhole	Grille Hinge	Waste	Local	1050	29. Pahurehure Inlet	Existing
25/06/2019	51296913	Manhole	Grille Hinge	Waste	Local	1050	29. Pahurehure Inlet	Existing
25/06/2019	51296912	Manhole	Grille Hinge	Waste	Local	1200	29. Pahurehure Inlet	Existing
4/07/2019	51307926	Manhole	Chamber	Waste	Local	675	29. Pahurehure Inlet	Existing
4/07/2019	51307994	Manhole	Chamber	Waste	Local	675	29. Pahurehure Inlet	Existing
4/07/2019	51307997	Manhole	Chamber	Waste	Local	675	29. Pahurehure Inlet	Existing
4/07/2019	51307890	Manhole	Grille Hinge	Waste	Local	1050	29. Pahurehure Inlet	Existing
24/07/2019	51454593	Manhole	Grille Hinge	Waste	Local	1050	29. Pahurehure Inlet	Existing
20/08/2019	51290558	Manhole	Grille Hinge	Waste	Local	1050	29. Pahurehure Inlet	Future
20/08/2019	51290561	Manhole	Grille Hinge	Waste	Local	1050	29. Pahurehure Inlet	Future
20/08/2019	51290563	Manhole	Grille Hinge	Waste	Local	1050	29. Pahurehure Inlet	Future
20/08/2019	51290565	Manhole	Grille Hinge	Waste	Local	1050	29. Pahurehure Inlet	Future
20/08/2019	51290567	Manhole	Grille Hinge	Waste	Local	1050	29. Pahurehure Inlet	Future
20/08/2019	51290569	Manhole	Grille Hinge	Waste	Local	1050	29. Pahurehure Inlet	Future
20/08/2019	51290571	Manhole	Grille Hinge	Waste	Local	1050	29. Pahurehure Inlet	Future

Install Date	Compkey	Asset type	Process	Network Type	Network	Diameter (mm)	Catchment	Catchment Status
20/08/2019	51290576	Manhole	Grille Hinge	Waste	Local	1050	29. Pahurehure Inlet	Future
20/08/2019	51290580	Manhole	Grille Hinge	Waste	Local	1050	29. Pahurehure Inlet	Future
20/08/2019	51290582	Manhole	Grille Hinge	Waste	Local	1050	29. Pahurehure Inlet	Future
20/08/2019	51290589	Manhole	Grille Hinge	Waste	Local	1050	29. Pahurehure Inlet	Future
20/08/2019	51290611	Manhole	Grille Hinge	Waste	Local	1050	29. Pahurehure Inlet	Future
20/08/2019	51290610	Manhole	Grille Hinge	Waste	Local	1050	29. Pahurehure Inlet	Future
20/08/2019	51290520	Manhole	Grille Hinge	Waste	Local	1200	29. Pahurehure Inlet	Future
20/08/2019	51290519	Manhole	Grille Hinge	Waste	Local	1200	29. Pahurehure Inlet	Future
20/08/2019	51290518	Manhole	Grille Hinge	Waste	Local	1200	29. Pahurehure Inlet	Future
20/08/2019	51290528	Manhole	Grille Hinge	Waste	Local	1200	29. Pahurehure Inlet	Future
20/08/2019	51290529	Manhole	Grille Hinge	Waste	Local	1200	29. Pahurehure Inlet	Future
20/08/2019	51290533	Manhole	Grille Hinge	Waste	Local	1200	29. Pahurehure Inlet	Future
20/08/2019	51290537	Manhole	Grille Hinge	Waste	Local	1200	29. Pahurehure Inlet	Future
20/08/2019	51290539	Manhole	Grille Hinge	Waste	Local	1200	29. Pahurehure Inlet	Future
20/08/2019	51290545	Manhole	Grille Hinge	Waste	Local	1200	29. Pahurehure Inlet	Future
20/08/2019	51290574	Manhole	Grille Hinge	Waste	Local	1200	29. Pahurehure Inlet	Future
20/08/2019	51290577	Manhole	Grille Hinge	Waste	Local	1200	29. Pahurehure Inlet	Future
20/08/2019	51290581	Manhole	Grille Hinge	Waste	Local	1200	29. Pahurehure Inlet	Future
20/08/2019	51290590	Manhole	Grille Hinge	Waste	Local	1200	29. Pahurehure Inlet	Future
20/08/2019	51290591	Manhole	Grille Hinge	Waste	Local	1200	29. Pahurehure Inlet	Future
20/08/2019	51290596	Manhole	Grille Hinge	Waste	Local	1200	29. Pahurehure Inlet	Future
20/08/2019	51290597	Manhole	Grille Hinge	Waste	Local	1200	29. Pahurehure Inlet	Future
20/08/2019	51290598	Manhole	Grille Hinge	Waste	Local	1200	29. Pahurehure Inlet	Future
20/08/2019	51290599	Manhole	Grille Hinge	Waste	Local	1200	29. Pahurehure Inlet	Future
20/08/2019	51290615	Access	Grille Hinge	Waste	Local	1200	29. Pahurehure Inlet	Future
20/08/2019	51290521	Manhole	Grille Hinge	Waste	Local	1500	29. Pahurehure Inlet	Future
20/08/2019	51290541	Manhole	Grille Hinge	Waste	Local	1500	29. Pahurehure Inlet	Future
28/08/2019	51454579	Manhole	Grille Hinge	Waste	Local	1050	29. Pahurehure Inlet	Existing
29/08/2019	51502788	Manhole	Grille Hinge	Waste	Local		29. Pahurehure Inlet	Existing
29/08/2019	51502787	Manhole	Grille Hinge	Waste	Local		29. Pahurehure Inlet	Existing
29/08/2019	51474782	Manhole	Grille Hinge	Waste	Local	1050	29. Pahurehure Inlet	Existing

Install Date	Compkey	Asset type	Process	Network Type	Network	Diameter (mm)	Catchment	Catchment Status
29/08/2019	51474784	Manhole	Grille Hinge	Waste	Local	1050	29. Pahurehure Inlet	Existing
29/08/2019	51474785	Manhole	Grille Hinge	Waste	Local	1050	29. Pahurehure Inlet	Existing
3/09/2019	51502489	Manhole	Grille Hinge	Waste	Local		29. Pahurehure Inlet	Existing
3/09/2019	51502506	Manhole	Grille Hinge	Waste	Local		29. Pahurehure Inlet	Existing
9/09/2019	51492460	Manhole	Grille Hinge	Waste	Local	1050	29. Pahurehure Inlet	Existing
9/09/2019	51492459	Manhole	Grille Hinge	Waste	Local	1200	29. Pahurehure Inlet	Existing
11/09/2019	51502071	Manhole	Grille Hinge	Waste	Local	1050	29. Pahurehure Inlet	Existing
11/09/2019	51502075	Manhole	Grille Hinge	Waste	Local	1050	29. Pahurehure Inlet	Existing
2/10/2019	51487372	Manhole	Grille Hinge	Waste	Local	1050	29. Pahurehure Inlet	Existing
2/10/2019	51487375	Manhole	Grille Hinge	Waste	Local	1050	29. Pahurehure Inlet	Existing
15/10/2019	51505006	Manhole	Grille Hinge	Waste	Local		29. Pahurehure Inlet	Existing
15/10/2019	51496895	Manhole	Grille Hinge	Waste	Local	1050	29. Pahurehure Inlet	Existing
18/10/2019	51517994	Manhole	Grille Hinge	Waste	Local		29. Pahurehure Inlet	Existing
22/10/2019	51502408	Manhole	Grille Hinge	Waste	Local		29. Pahurehure Inlet	Existing
22/10/2019	51502409	Manhole	Grille Hinge	Waste	Local		29. Pahurehure Inlet	Existing
29/10/2019	51501316	Manhole	Grille Hinge	Waste	Local	1050	29. Pahurehure Inlet	Existing
29/10/2019	51501324	Manhole	Grille Hinge	Waste	Local	1050	29. Pahurehure Inlet	Existing
29/10/2019	51501328	Manhole	Grille Hinge	Waste	Local	1050	29. Pahurehure Inlet	Existing
6/11/2019	51481895	Manhole	Chamber	Waste	Local	675	29. Pahurehure Inlet	Existing
7/11/2019	51502902	Manhole	Grille Hinge	Waste	Local		29. Pahurehure Inlet	Existing
8/11/2019	51502317	Manhole	Grille Hinge	Waste	Local		29. Pahurehure Inlet	Existing
8/11/2019	51502229	Manhole	Grille Hinge	Waste	Local	1050	29. Pahurehure Inlet	Existing
8/11/2019	51502230	Manhole	Grille Hinge	Waste	Local	1050	29. Pahurehure Inlet	Existing
8/11/2019	51502231	Manhole	Grille Hinge	Waste	Local	1050	29. Pahurehure Inlet	Existing
8/11/2019	51502232	Manhole	Grille Hinge	Waste	Local	1050	29. Pahurehure Inlet	Existing
8/11/2019	51502233	Manhole	Grille Hinge	Waste	Local	1050	29. Pahurehure Inlet	Existing
8/11/2019	51502234	Manhole	Grille Hinge	Waste	Local	1050	29. Pahurehure Inlet	Existing
8/11/2019	51502235	Manhole	Grille Hinge	Waste	Local	1050	29. Pahurehure Inlet	Existing
15/11/2019	51502550	Manhole	Grille Hinge	Waste	Local		29. Pahurehure Inlet	Existing
15/11/2019	51502551	Manhole	Grille Hinge	Waste	Local		29. Pahurehure Inlet	Existing
20/11/2019	51492265	Manhole	Grille Hinge	Waste	Local	1050	29. Pahurehure Inlet	Existing

Install Date	Compkey	Asset type	Process	Network Type	Network	Diameter (mm)	Catchment	Catchment Status
20/11/2019	51492267	Manhole	Grille Hinge	Waste	Local	1050	29. Pahurehure Inlet	Existing
20/11/2019	51492268	Manhole	Grille Hinge	Waste	Local	1050	29. Pahurehure Inlet	Existing
3/12/2019	51492283	Manhole	Grille Hinge	Waste	Local	1050	29. Pahurehure Inlet	Existing
3/12/2019	51492284	Manhole	Grille Hinge	Waste	Local	1050	29. Pahurehure Inlet	Existing
6/12/2019	51502473	Manhole	Chamber	Waste	Local		29. Pahurehure Inlet	Existing
9/01/2020	51502435	Manhole	Grille Hinge	Waste	Local		29. Pahurehure Inlet	Existing
9/01/2020	51502436	Manhole	Grille Hinge	Waste	Local		29. Pahurehure Inlet	Existing
14/01/2020	51518047	Manhole	Grille Hinge	Waste	Local		29. Pahurehure Inlet	Existing
3/02/2020	51510180	Manhole	Grille Hinge	Waste	Local		29. Pahurehure Inlet	Existing
3/02/2020	51510181	Manhole	Grille Hinge	Waste	Local		29. Pahurehure Inlet	Existing
3/02/2020	51510188	Manhole	Grille Hinge	Waste	Local		29. Pahurehure Inlet	Existing
4/02/2020	51518252	Manhole	Grille Hinge	Waste	Local		29. Pahurehure Inlet	Existing
7/02/2020	51510083	Manhole	Grille Hinge	Waste	Local		29. Pahurehure Inlet	Existing
11/02/2020	51509432	Manhole	Grille Hinge	Waste	Local		29. Pahurehure Inlet	Existing
11/02/2020	51509433	Manhole	Grille Hinge	Waste	Local		29. Pahurehure Inlet	Existing
18/03/2020	51509818	Manhole	Grille Hinge	Waste	Local		29. Pahurehure Inlet	Existing
18/03/2020	51509819	Manhole	Grille Hinge	Waste	Local		29. Pahurehure Inlet	Existing
18/03/2020	51517866	Manhole	Grille Hinge	Waste	Local		29. Pahurehure Inlet	Existing
27/01/2016	51469694	Manhole	Grille Hinge	Waste	Local	1050	31. Beachlands Maraetai	Existing
27/01/2016	51469696	Manhole	Grille Hinge	Waste	Local	1050	31. Beachlands Maraetai	Existing
27/01/2016	51469698	Manhole	Grille Hinge	Waste	Local	1050	31. Beachlands Maraetai	Existing
27/01/2016	51469700	Manhole	Grille Hinge	Waste	Local	1050	31. Beachlands Maraetai	Existing
27/01/2016	51469702	Manhole	Grille Hinge	Waste	Local	1050	31. Beachlands Maraetai	Existing
27/01/2016	51469708	Manhole	Grille Hinge	Waste	Local	1050	31. Beachlands Maraetai	Existing
27/01/2016	51469715	Manhole	Grille Hinge	Waste	Local	1050	31. Beachlands Maraetai	Existing
27/01/2016	51469719	Manhole	Grille Hinge	Waste	Local	1050	31. Beachlands Maraetai	Existing
27/01/2016	51469724	Manhole	Grille Hinge	Waste	Local	1050	31. Beachlands Maraetai	Existing
30/10/2017	51480879	Manhole	Grille Hinge	Waste	Local	1050	31. Beachlands Maraetai	Existing
30/10/2017	51480880	Manhole	Grille Hinge	Waste	Local	1050	31. Beachlands Maraetai	Existing
30/10/2017	51480881	Manhole	Grille Hinge	Waste	Local	1050	31. Beachlands Maraetai	Existing
30/10/2017	51480882	Manhole	Grille Hinge	Waste	Local	1050	31. Beachlands Maraetai	Existing

Install Date	Compkey	Asset type	Process	Network Type	Network	Diameter (mm)	Catchment	Catchment Status
30/10/2017	51480883	Manhole	Grille Hinge	Waste	Local	1050	31. Beachlands Maraetai	Existing
30/10/2017	51480884	Manhole	Grille Hinge	Waste	Local	1050	31. Beachlands Maraetai	Existing
30/10/2017	51480885	Manhole	Grille Hinge	Waste	Local	1050	31. Beachlands Maraetai	Existing
30/10/2017	51480886	Manhole	Grille Hinge	Waste	Local	1050	31. Beachlands Maraetai	Existing
30/10/2017	51480887	Manhole	Grille Hinge	Waste	Local	1050	31. Beachlands Maraetai	Existing
30/10/2017	51480888	Manhole	Grille Hinge	Waste	Local	1050	31. Beachlands Maraetai	Existing
30/10/2017	51480889	Manhole	Grille Hinge	Waste	Local	1050	31. Beachlands Maraetai	Existing
30/10/2017	51480891	Manhole	Grille Hinge	Waste	Local	1050	31. Beachlands Maraetai	Existing
30/10/2017	51480892	Manhole	Grille Hinge	Waste	Local	1050	31. Beachlands Maraetai	Existing
30/10/2017	51480893	Manhole	Grille Hinge	Waste	Local	1050	31. Beachlands Maraetai	Existing
30/10/2017	51480894	Manhole	Grille Hinge	Waste	Local	1050	31. Beachlands Maraetai	Existing
30/10/2017	51480921	Manhole	Grille Hinge	Waste	Local	1050	31. Beachlands Maraetai	Existing
30/10/2017	51480922	Manhole	Grille Hinge	Waste	Local	1050	31. Beachlands Maraetai	Existing
30/10/2017	51480924	Manhole	Grille Hinge	Waste	Local	1050	31. Beachlands Maraetai	Existing
30/10/2017	51480925	Manhole	Grille Hinge	Waste	Local	1050	31. Beachlands Maraetai	Existing
30/10/2017	51480926	Manhole	Grille Hinge	Waste	Local	1050	31. Beachlands Maraetai	Existing
30/10/2017	51480928	Manhole	Grille Hinge	Waste	Local	1050	31. Beachlands Maraetai	Existing
30/10/2017	51480964	Manhole	Grille Hinge	Waste	Local	1050	31. Beachlands Maraetai	Existing
30/10/2017	51480965	Manhole	Grille Hinge	Waste	Local	1050	31. Beachlands Maraetai	Existing
30/10/2017	51480966	Manhole	Grille Hinge	Waste	Local	1050	31. Beachlands Maraetai	Existing
30/10/2017	51480992	Manhole	Grille Hinge	Waste	Local	1050	31. Beachlands Maraetai	Existing
30/10/2017	51480993	Manhole	Grille Hinge	Waste	Local	1050	31. Beachlands Maraetai	Existing
30/10/2017	51480994	Manhole	Grille Hinge	Waste	Local	1050	31. Beachlands Maraetai	Existing
30/10/2017	51480995	Manhole	Grille Hinge	Waste	Local	1050	31. Beachlands Maraetai	Existing
30/10/2017	51480996	Manhole	Grille Hinge	Waste	Local	1050	31. Beachlands Maraetai	Existing
30/10/2017	51480997	Manhole	Grille Hinge	Waste	Local	1050	31. Beachlands Maraetai	Existing
30/10/2017	51481811	Manhole	Grille Hinge	Waste	Local	1050	31. Beachlands Maraetai	Existing
30/10/2017	51481812	Manhole	Grille Hinge	Waste	Local	1050	31. Beachlands Maraetai	Existing
30/10/2017	51481813	Manhole	Grille Hinge	Waste	Local	1050	31. Beachlands Maraetai	Existing
30/10/2017	51481832	Manhole	Grille Hinge	Waste	Local	1050	31. Beachlands Maraetai	Existing
30/10/2017	51481833	Manhole	Grille Hinge	Waste	Local	1050	31. Beachlands Maraetai	Existing

Install Date	Compkey	Asset type	Process	Network Type	Network	Diameter (mm)	Catchment	Catchment Status
30/10/2017	51481834	Manhole	Grille Hinge	Waste	Local	1050	31. Beachlands Maraetai	Existing
30/10/2017	51481863	Manhole	Grille Hinge	Waste	Local	1050	31. Beachlands Maraetai	Existing
30/10/2017	51481864	Manhole	Grille Hinge	Waste	Local	1050	31. Beachlands Maraetai	Existing
30/10/2017	51481867	Manhole	Grille Hinge	Waste	Local	1050	31. Beachlands Maraetai	Existing
13/02/2018	51310507	Manhole	Chamber	Waste	Local	675	31. Beachlands Maraetai	Existing
13/02/2018	51310506	Manhole	Grille Hinge	Waste	Local	1050	31. Beachlands Maraetai	Existing
13/02/2018	51310489	Manhole	Grille Hinge	Waste	Local	1200	31. Beachlands Maraetai	Existing
13/02/2018	51310500	Manhole	Grille Hinge	Waste	Local	1200	31. Beachlands Maraetai	Existing
12/06/2018	51510192	Manhole	Grille Hinge	Waste	Local		31. Beachlands Maraetai	Existing
12/06/2018	51516538	Manhole	Grille Hinge	Waste	Local		31. Beachlands Maraetai	Existing
12/06/2018	51516539	Manhole	Grille Hinge	Waste	Local		31. Beachlands Maraetai	Existing
12/06/2018	51516540	Manhole	Grille Hinge	Waste	Local		31. Beachlands Maraetai	Existing
12/06/2018	51516541	Manhole	Grille Hinge	Waste	Local		31. Beachlands Maraetai	Existing
12/06/2018	51516504	Manhole	Grille Hinge	Waste	Local		31. Beachlands Maraetai	Existing
12/06/2018	51516505	Manhole	Grille Hinge	Waste	Local		31. Beachlands Maraetai	Existing
12/06/2018	51516506	Manhole	Grille Hinge	Waste	Local		31. Beachlands Maraetai	Existing
2/08/2018	51497017	Manhole	Grille Hinge	Waste	Local	1050	31. Beachlands Maraetai	Existing
2/08/2018	51497018	Manhole	Grille Hinge	Waste	Local	1050	31. Beachlands Maraetai	Existing
2/08/2018	51497019	Manhole	Grille Hinge	Waste	Local	1050	31. Beachlands Maraetai	Existing
2/08/2018	51497022	Manhole	Grille Hinge	Waste	Local	1050	31. Beachlands Maraetai	Existing
2/08/2018	51497028	Manhole	Grille Hinge	Waste	Local	1050	31. Beachlands Maraetai	Existing
2/08/2018	51497029	Manhole	Grille Hinge	Waste	Local	1050	31. Beachlands Maraetai	Existing
11/04/2019	51298997	Manhole	Grille Hinge	Waste	Local	1050	31. Beachlands Maraetai	Existing
2/10/2019	51502483	Manhole	Grille Hinge	Waste	Local		31. Beachlands Maraetai	Existing
6/11/2019	51490184	Manhole	Grille Hinge	Waste	Local	1050	31. Beachlands Maraetai	Existing
6/11/2019	51490185	Manhole	Grille Hinge	Waste	Local	1050	31. Beachlands Maraetai	Existing
6/11/2019	51492227	Manhole	Grille Hinge	Waste	Local	1050	31. Beachlands Maraetai	Existing
6/11/2019	51492228	Manhole	Grille Hinge	Waste	Local	1050	31. Beachlands Maraetai	Existing
6/11/2019	51492229	Manhole	Grille Hinge	Waste	Local	1050	31. Beachlands Maraetai	Existing
24/01/2020	51507096	Manhole	Grille Hinge	Waste	Local		31. Beachlands Maraetai	Existing
24/01/2020	51507097	Manhole	Grille Hinge	Waste	Local		31. Beachlands Maraetai	Existing

Install Date	Compkey	Asset type	Process	Network Type	Network	Diameter (mm)	Catchment	Catchment Status
30/01/2018	51501535	Manhole	Grille Hinge	Waste	Local	1050	33. Waiuku	Existing
30/01/2018	51501536	Manhole	Grille Hinge	Waste	Local	1050	33. Waiuku	Existing
30/01/2018	51501537	Manhole	Grille Hinge	Waste	Local	1050	33. Waiuku	Existing
30/01/2018	51501538	Manhole	Grille Hinge	Waste	Local	1050	33. Waiuku	Existing
28/08/2019	51355636	Manhole	Standard	Waste	Local	1050	33. Waiuku	Existing
30/09/2019	51497526	Manhole	Grille Hinge	Waste	Local	1050	33. Waiuku	Existing
24/01/2020	51508664	Manhole	Grille Hinge	Waste	Local		33. Waiuku	Existing
24/01/2020	51508665	Manhole	Chamber	Waste	Local		33. Waiuku	Existing
1/01/1938	26117375	Manhole	Standard	Waste	Local		34. Pukekohe	Existing
10/05/2004	26120321	Manhole	Standard	Waste	Local	1050	34. Pukekohe	Existing
10/05/2004	26120320	Manhole	Standard	Waste	Local	1050	34. Pukekohe	Existing
23/06/2004	26117219	Manhole	Standard	Waste	Local	1050	34. Pukekohe	Existing
1/03/2005	26118531	Manhole	Standard	Waste	Local	1050	34. Pukekohe	Existing
12/12/2017	51479640	Manhole	Grille Hinge	Waste	Local	1050	34. Pukekohe	Existing
12/12/2017	51479641	Manhole	Grille Hinge	Waste	Local	1050	34. Pukekohe	Existing
12/12/2017	51479642	Manhole	Grille Hinge	Waste	Local	1050	34. Pukekohe	Existing
12/12/2017	51479643	Manhole	Grille Hinge	Waste	Local	1050	34. Pukekohe	Existing
12/12/2017	51479644	Manhole	Grille Hinge	Waste	Local	1050	34. Pukekohe	Existing
12/12/2017	51479645	Manhole	Grille Hinge	Waste	Local	1050	34. Pukekohe	Existing
12/12/2017	51479646	Manhole	Grille Hinge	Waste	Local	1050	34. Pukekohe	Existing
12/12/2017	51479647	Manhole	Grille Hinge	Waste	Local	1050	34. Pukekohe	Existing
12/12/2017	51479649	Manhole	Grille Hinge	Waste	Local	1050	34. Pukekohe	Existing
12/12/2017	51479650	Manhole	Grille Hinge	Waste	Local	1050	34. Pukekohe	Existing
12/12/2017	51479651	Manhole	Grille Hinge	Waste	Local	1050	34. Pukekohe	Existing
12/12/2017	51479652	Manhole	Grille Hinge	Waste	Local	1050	34. Pukekohe	Existing
12/12/2017	51479653	Manhole	Grille Hinge	Waste	Local	1050	34. Pukekohe	Existing
12/12/2017	51479654	Manhole	Grille Hinge	Waste	Local	1050	34. Pukekohe	Existing
12/12/2017	51479655	Manhole	Grille Hinge	Waste	Local	1050	34. Pukekohe	Existing
12/12/2017	51479656	Manhole	Grille Hinge	Waste	Local	1050	34. Pukekohe	Existing
12/12/2017	51479657	Manhole	Grille Hinge	Waste	Local	1050	34. Pukekohe	Existing
12/12/2017	51479658	Manhole	Grille Hinge	Waste	Local	1050	34. Pukekohe	Existing

Install Date	Compkey	Asset type	Process	Network Type	Network	Diameter (mm)	Catchment	Catchment Status
20/12/2017	51492722	Manhole	Grille Hinge	Waste	Local	1050	34. Pukekohe	Existing
20/12/2017	51492723	Manhole	Grille Hinge	Waste	Local	1050	34. Pukekohe	Existing
20/12/2017	51492724	Manhole	Grille Hinge	Waste	Local	1050	34. Pukekohe	Existing
20/12/2017	51492725	Manhole	Grille Hinge	Waste	Local	1050	34. Pukekohe	Existing
20/12/2017	51492726	Manhole	Grille Hinge	Waste	Local	1050	34. Pukekohe	Existing
20/12/2017	51492727	Manhole	Grille Hinge	Waste	Local	1050	34. Pukekohe	Existing
20/12/2017	51492728	Manhole	Grille Hinge	Waste	Local	1050	34. Pukekohe	Existing
20/12/2017	51492729	Manhole	Grille Hinge	Waste	Local	1050	34. Pukekohe	Existing
20/12/2017	51492730	Manhole	Grille Hinge	Waste	Local	1050	34. Pukekohe	Existing
20/12/2017	51492735	Manhole	Grille Hinge	Waste	Local	1050	34. Pukekohe	Existing
20/12/2017	51492736	Manhole	Grille Hinge	Waste	Local	1050	34. Pukekohe	Existing
20/12/2017	51492737	Manhole	Grille Hinge	Waste	Local	1050	34. Pukekohe	Existing
14/02/2018	51466926	Manhole	Grille Hinge	Waste	Local	1050	34. Pukekohe	Existing
14/02/2018	51466938	Manhole	Grille Hinge	Waste	Local	1050	34. Pukekohe	Existing
14/02/2018	51466939	Manhole	Grille Hinge	Waste	Local	1050	34. Pukekohe	Existing
14/02/2018	51466942	Manhole	Grille Hinge	Waste	Local	1050	34. Pukekohe	Existing
14/02/2018	51466947	Manhole	Grille Hinge	Waste	Local	1050	34. Pukekohe	Existing
14/02/2018	51466951	Manhole	Grille Hinge	Waste	Local	1050	34. Pukekohe	Existing
14/02/2018	51466955	Manhole	Grille Hinge	Waste	Local	1050	34. Pukekohe	Existing
14/02/2018	51466960	Manhole	Grille Hinge	Waste	Local	1050	34. Pukekohe	Existing
14/02/2018	51466966	Manhole	Grille Hinge	Waste	Local	1050	34. Pukekohe	Existing
14/02/2018	51466971	Manhole	Grille Hinge	Waste	Local	1050	34. Pukekohe	Existing
14/02/2018	51466975	Manhole	Grille Hinge	Waste	Local	1050	34. Pukekohe	Existing
14/02/2018	51466978	Manhole	Grille Hinge	Waste	Local	1050	34. Pukekohe	Existing
14/02/2018	51467026	Manhole	Grille Hinge	Waste	Local	1050	34. Pukekohe	Existing
14/02/2018	51467182	Manhole	Grille Hinge	Waste	Local	1050	34. Pukekohe	Existing
14/02/2018	51467184	Manhole	Grille Hinge	Waste	Local	1050	34. Pukekohe	Existing
14/02/2018	51467185	Manhole	Grille Hinge	Waste	Local	1050	34. Pukekohe	Existing
14/02/2018	51467223	Manhole	Grille Hinge	Waste	Local	1050	34. Pukekohe	Existing
14/02/2018	51467224	Manhole	Grille Hinge	Waste	Local	1050	34. Pukekohe	Existing
14/02/2018	51467329	Manhole	Grille Hinge	Waste	Local	1050	34. Pukekohe	Existing

Install Date	Compkey	Asset type	Process	Network Type	Network	Diameter (mm)	Catchment	Catchment Status
14/02/2018	51467330	Manhole	Grille Hinge	Waste	Local	1050	34. Pukekohe	Existing
14/02/2018	51467331	Manhole	Grille Hinge	Waste	Local	1050	34. Pukekohe	Existing
14/02/2018	51467027	Manhole	Grille Hinge	Waste	Local	1200	34. Pukekohe	Existing
31/01/2019	51496987	Manhole	Grille Hinge	Waste	Local	1050	34. Pukekohe	Existing
18/03/2019	51269321	Manhole	Grille Hinge	Waste	Local	1050	34. Pukekohe	Future
18/03/2019	51269416	Manhole	Grille Hinge	Waste	Local	1050	34. Pukekohe	Future
18/03/2019	51269403	Manhole	Grille Hinge	Waste	Local	1050	34. Pukekohe	Future
18/03/2019	51269404	Manhole	Grille Hinge	Waste	Local	1050	34. Pukekohe	Future
18/03/2019	51269405	Manhole	Grille Hinge	Waste	Local	1050	34. Pukekohe	Future
18/03/2019	51269406	Manhole	Grille Hinge	Waste	Local	1050	34. Pukekohe	Future
18/03/2019	51269407	Manhole	Grille Hinge	Waste	Local	1050	34. Pukekohe	Future
18/03/2019	51269408	Manhole	Grille Hinge	Waste	Local	1050	34. Pukekohe	Future
18/03/2019	51269409	Manhole	Grille Hinge	Waste	Local	1050	34. Pukekohe	Future
18/03/2019	51269463	Manhole	Grille Hinge	Waste	Local	1050	34. Pukekohe	Future
18/03/2019	51269467	Manhole	Grille Hinge	Waste	Local	1050	34. Pukekohe	Future
16/07/2019	51309102	Manhole	Grille Hinge	Waste	Local	1200	34. Pukekohe	Existing
30/07/2019	51480895	Manhole	Grille Hinge	Waste	Local	1050	34. Pukekohe	Existing
30/07/2019	51480896	Manhole	Grille Hinge	Waste	Local	1050	34. Pukekohe	Existing
30/07/2019	51480897	Manhole	Grille Hinge	Waste	Local	1050	34. Pukekohe	Existing
6/08/2019	51502348	Manhole	Grille Hinge	Waste	Local		34. Pukekohe	Existing
23/08/2019	51462137	Manhole	Grille Hinge	Waste	Local	1050	34. Pukekohe	Existing
23/08/2019	51462138	Manhole	Grille Hinge	Waste	Local	1050	34. Pukekohe	Existing
26/08/2019	51462009	Manhole	Chamber	Waste	Local	675	34. Pukekohe	Existing
26/08/2019	51462005	Manhole	Grille Hinge	Waste	Local	1050	34. Pukekohe	Existing
16/09/2019	51309163	Manhole	Grille Hinge	Waste	Local	1050	34. Pukekohe	Existing
16/09/2019	51309164	Manhole	Grille Hinge	Waste	Local	1050	34. Pukekohe	Existing
16/09/2019	51309161	Manhole	Grille Hinge	Waste	Local	1050	34. Pukekohe	Existing
18/09/2019	51312852	Manhole	Grille Hinge	Waste	Local	1050	34. Pukekohe	Future
18/09/2019	51312857	Manhole	Grille Hinge	Waste	Local	1050	34. Pukekohe	Future
18/09/2019	51312858	Manhole	Grille Hinge	Waste	Local	1050	34. Pukekohe	Future
18/09/2019	51312859	Manhole	Grille Hinge	Waste	Local	1050	34. Pukekohe	Future

Install Date	Compkey	Asset type	Process	Network Type	Network	Diameter (mm)	Catchment	Catchment Status
18/09/2019	51312860	Manhole	Grille Hinge	Waste	Local	1050	34. Pukekohe	Future
18/09/2019	51312861	Manhole	Grille Hinge	Waste	Local	1050	34. Pukekohe	Future
18/09/2019	51312862	Manhole	Grille Hinge	Waste	Local	1050	34. Pukekohe	Future
18/09/2019	51312863	Manhole	Grille Hinge	Waste	Local	1050	34. Pukekohe	Future
18/09/2019	51312885	Manhole	Grille Hinge	Waste	Local	1050	34. Pukekohe	Future
18/09/2019	51312886	Manhole	Grille Hinge	Waste	Local	1050	34. Pukekohe	Future
18/09/2019	51312887	Manhole	Grille Hinge	Waste	Local	1050	34. Pukekohe	Future
18/09/2019	51312888	Manhole	Grille Hinge	Waste	Local	1050	34. Pukekohe	Future
18/09/2019	51312889	Manhole	Grille Hinge	Waste	Local	1050	34. Pukekohe	Future
18/09/2019	51312891	Manhole	Grille Hinge	Waste	Local	1050	34. Pukekohe	Future
18/09/2019	51312892	Manhole	Grille Hinge	Waste	Local	1050	34. Pukekohe	Future
18/09/2019	51312894	Manhole	Grille Hinge	Waste	Local	1050	34. Pukekohe	Future
18/09/2019	51312895	Manhole	Grille Hinge	Waste	Local	1050	34. Pukekohe	Future
18/09/2019	51312896	Manhole	Grille Hinge	Waste	Local	1050	34. Pukekohe	Future
18/09/2019	51312897	Manhole	Grille Hinge	Waste	Local	1050	34. Pukekohe	Future
18/09/2019	51312898	Manhole	Grille Hinge	Waste	Local	1050	34. Pukekohe	Future
18/09/2019	51312901	Manhole	Grille Hinge	Waste	Local	1050	34. Pukekohe	Future
18/09/2019	51312902	Manhole	Grille Hinge	Waste	Local	1050	34. Pukekohe	Future
18/09/2019	51312905	Manhole	Grille Hinge	Waste	Local	1050	34. Pukekohe	Future
18/09/2019	51312906	Manhole	Grille Hinge	Waste	Local	1050	34. Pukekohe	Future
18/09/2019	51312907	Manhole	Grille Hinge	Waste	Local	1050	34. Pukekohe	Future
18/09/2019	51312908	Manhole	Grille Hinge	Waste	Local	1050	34. Pukekohe	Future
18/09/2019	51312909	Manhole	Grille Hinge	Waste	Local	1050	34. Pukekohe	Future
18/09/2019	51312910	Manhole	Grille Hinge	Waste	Local	1050	34. Pukekohe	Future
18/10/2019	51495732	Manhole	Grille Hinge	Waste	Local	1050	34. Pukekohe	Future
18/10/2019	51495735	Manhole	Grille Hinge	Waste	Local	1050	34. Pukekohe	Future
18/10/2019	51495736	Manhole	Grille Hinge	Waste	Local	1050	34. Pukekohe	Future
18/10/2019	51495737	Manhole	Grille Hinge	Waste	Local	1050	34. Pukekohe	Future
18/10/2019	51495738	Manhole	Grille Hinge	Waste	Local	1050	34. Pukekohe	Future
18/10/2019	51495767	Manhole	Grille Hinge	Waste	Local	1050	34. Pukekohe	Future
18/10/2019	51495768	Manhole	Grille Hinge	Waste	Local	1050	34. Pukekohe	Future

Install Date	Compkey	Asset type	Process	Network Type	Network	Diameter (mm)	Catchment	Catchment Status
18/10/2019	51495769	Manhole	Grille Hinge	Waste	Local	1050	34. Pukekohe	Future
18/10/2019	51495770	Manhole	Grille Hinge	Waste	Local	1050	34. Pukekohe	Future
18/10/2019	51495780	Manhole	Grille Hinge	Waste	Local	1050	34. Pukekohe	Future
18/10/2019	51495781	Manhole	Grille Hinge	Waste	Local	1050	34. Pukekohe	Future
18/10/2019	51495782	Manhole	Grille Hinge	Waste	Local	1050	34. Pukekohe	Future
18/10/2019	51495783	Manhole	Grille Hinge	Waste	Local	1050	34. Pukekohe	Future
18/10/2019	51495788	Manhole	Grille Hinge	Waste	Local	1050	34. Pukekohe	Future
18/10/2019	51495798	Manhole	Grille Hinge	Waste	Local	1050	34. Pukekohe	Future
18/10/2019	51495812	Manhole	Grille Hinge	Waste	Local	1050	34. Pukekohe	Future
22/11/2019	51501195	Manhole	Grille Hinge	Waste	Local	1050	34. Pukekohe	Existing
22/11/2019	51501196	Manhole	Grille Hinge	Waste	Local	1050	34. Pukekohe	Existing
31/01/2020	51512872	Manhole	Grille Hinge	Waste	Local		34. Pukekohe	Existing
13/02/2020	51509980	Manhole	Grille Hinge	Waste	Local		34. Pukekohe	Existing
13/02/2020	51509985	Manhole	Grille Hinge	Waste	Local		34. Pukekohe	Existing
11/03/2020	51510278	Manhole	Grille Hinge	Waste	Local		34. Pukekohe	Future
11/03/2020	51510279	Manhole	Grille Hinge	Waste	Local		34. Pukekohe	Future

Table 3-3 New wastewater fittings installed during the reporting year, 1 July 2019 to 30 June 2020, in the catchments covered by the Network Discharge Consent Permit.

Install Date	Compkey	Fitting Process	Network Type	Network	Catchment	Catchment Status
1/10/2019	51502521	Line	Waste	Local	2. Omaha	Existing
1/10/2019	51502520	Node	Waste	Local	2. Omaha	Existing
1/10/2019	51502522	Node	Waste	Local	2. Omaha	Existing
1/10/2019	51502527	Press Boundary Kit	Waste	Local	2. Omaha	Existing
1/10/2019	51502533	Press Boundary Kit	Waste	Local	2. Omaha	Existing
1/10/2019	51502537	Press Boundary Kit	Waste	Local	2. Omaha	Existing
1/10/2019	51502523	Scour	Waste	Local	2. Omaha	Existing
5/07/2019	51474150	Air Release	Waste	Local	3. Warkworth	Future
5/07/2019	51474127	Line	Waste	Local	3. Warkworth	Existing
5/07/2019	51474081	Line	Waste	Local	3. Warkworth	Future
5/07/2019	51474083	Line	Waste	Local	3. Warkworth	Future
5/07/2019	51474130	Line	Waste	Local	3. Warkworth	Future
5/07/2019	51474132	Line	Waste	Local	3. Warkworth	Future
5/07/2019	51474137	Line	Waste	Local	3. Warkworth	Future
5/07/2019	51474138	Line	Waste	Local	3. Warkworth	Future
5/07/2019	51474467	Line	Waste	Local	3. Warkworth	Future
5/07/2019	51474468	Line	Waste	Local	3. Warkworth	Future
5/07/2019	51474125	Node	Waste	Local	3. Warkworth	Existing
5/07/2019	51474129	Node	Waste	Local	3. Warkworth	Future
5/07/2019	51474136	Node	Waste	Local	3. Warkworth	Future
5/07/2019	51474465	Node	Waste	Local	3. Warkworth	Future
5/07/2019	51474086	Press Boundary Kit	Waste	Local	3. Warkworth	Future
5/07/2019	51474087	Press Boundary Kit	Waste	Local	3. Warkworth	Future
5/07/2019	51474093	Press Boundary Kit	Waste	Local	3. Warkworth	Future
5/07/2019	51474094	Press Boundary Kit	Waste	Local	3. Warkworth	Future
5/07/2019	51474097	Press Boundary Kit	Waste	Local	3. Warkworth	Future
5/07/2019	51474098	Press Boundary Kit	Waste	Local	3. Warkworth	Future
5/07/2019	51474101	Press Boundary Kit	Waste	Local	3. Warkworth	Future
5/07/2019	51474102	Press Boundary Kit	Waste	Local	3. Warkworth	Future

Table 3.3: New wastewater fittings installed during the reporting year, 1 July 2019 to 30 June 2020, in the catchments covered by the Northland Discharge Consent Portfolio

5/07/2019	51474105	Press Boundary Kit	Waste	Local	3. Warkworth	Future
5/07/2019	51474106	Press Boundary Kit	Waste	Local	3. Warkworth	Future
5/07/2019	51474429	Press Boundary Kit	Waste	Local	3. Warkworth	Future
5/07/2019	51474430	Press Boundary Kit	Waste	Local	3. Warkworth	Future
5/07/2019	51474433	Press Boundary Kit	Waste	Local	3. Warkworth	Future
5/07/2019	51474434	Press Boundary Kit	Waste	Local	3. Warkworth	Future
5/07/2019	51474437	Press Boundary Kit	Waste	Local	3. Warkworth	Future
5/07/2019	51474438	Press Boundary Kit	Waste	Local	3. Warkworth	Future
5/07/2019	51474441	Press Boundary Kit	Waste	Local	3. Warkworth	Future
5/07/2019	51474442	Press Boundary Kit	Waste	Local	3. Warkworth	Future
5/07/2019	51474445	Press Boundary Kit	Waste	Local	3. Warkworth	Future
5/07/2019	51474446	Press Boundary Kit	Waste	Local	3. Warkworth	Future
5/07/2019	51474449	Press Boundary Kit	Waste	Local	3. Warkworth	Future
5/07/2019	51474450	Press Boundary Kit	Waste	Local	3. Warkworth	Future
5/07/2019	51474453	Press Boundary Kit	Waste	Local	3. Warkworth	Future
5/07/2019	51474454	Press Boundary Kit	Waste	Local	3. Warkworth	Future
5/07/2019	51474457	Press Boundary Kit	Waste	Local	3. Warkworth	Future
5/07/2019	51474459	Press Boundary Kit	Waste	Local	3. Warkworth	Future
5/07/2019	51474461	Press Boundary Kit	Waste	Local	3. Warkworth	Future
5/07/2019	51474462	Press Boundary Kit	Waste	Local	3. Warkworth	Future
5/07/2019	51474143	Reducer	Waste	Local	3. Warkworth	Future
5/07/2019	51474084	Scour	Waste	Local	3. Warkworth	Future
5/07/2019	51474142	Scour	Waste	Local	3. Warkworth	Future
8/08/2019	51474518	Air Release	Waste	Local	3. Warkworth	Future
8/08/2019	51474498	Press Boundary Kit	Waste	Local	3. Warkworth	Future
8/08/2019	51474499	Press Boundary Kit	Waste	Local	3. Warkworth	Future
8/08/2019	51474502	Press Boundary Kit	Waste	Local	3. Warkworth	Future
8/08/2019	51474503	Press Boundary Kit	Waste	Local	3. Warkworth	Future
8/08/2019	51474507	Press Boundary Kit	Waste	Local	3. Warkworth	Future
8/08/2019	51474508	Press Boundary Kit	Waste	Local	3. Warkworth	Future
8/08/2019	51474512	Press Boundary Kit	Waste	Local	3. Warkworth	Future
8/08/2019	51474513	Press Boundary Kit	Waste	Local	3. Warkworth	Future

Table 3.3: New wastewater fittings installed during the reporting year, 1 July 2019 to 30 June 2020, in the catchments covered by the Northland Discharge Consent Portfolio

8/08/2019	51474516	Press Boundary Kit	Waste	Local	3. Warkworth	Future
8/08/2019	51474527	Press Boundary Kit	Waste	Local	3. Warkworth	Future
8/08/2019	51474528	Press Boundary Kit	Waste	Local	3. Warkworth	Future
8/08/2019	51474533	Press Boundary Kit	Waste	Local	3. Warkworth	Future
8/08/2019	51474536	Press Boundary Kit	Waste	Local	3. Warkworth	Future
8/08/2019	51474537	Press Boundary Kit	Waste	Local	3. Warkworth	Future
8/08/2019	51474492	Reducer	Waste	Local	3. Warkworth	Future
8/08/2019	51474521	Reducer	Waste	Local	3. Warkworth	Future
8/08/2019	51474483	Scour	Waste	Local	3. Warkworth	Future
8/08/2019	51474520	Scour	Waste	Local	3. Warkworth	Future
17/12/2019	51502092	Press Boundary Kit	Waste	Local	3. Warkworth	Existing
17/12/2019	51502116	Press Boundary Kit	Waste	Local	3. Warkworth	Existing
17/12/2019	51502117	Press Boundary Kit	Waste	Local	3. Warkworth	Existing
17/12/2019	51502118	Press Boundary Kit	Waste	Local	3. Warkworth	Existing
17/12/2019	51502119	Press Boundary Kit	Waste	Local	3. Warkworth	Existing
17/12/2019	51502120	Press Boundary Kit	Waste	Local	3. Warkworth	Existing
17/12/2019	51502121	Press Boundary Kit	Waste	Local	3. Warkworth	Existing
17/12/2019	51502125	Press Boundary Kit	Waste	Local	3. Warkworth	Existing
17/12/2019	51502128	Press Boundary Kit	Waste	Local	3. Warkworth	Existing
17/12/2019	51502129	Press Boundary Kit	Waste	Local	3. Warkworth	Existing
17/12/2019	51502130	Press Boundary Kit	Waste	Local	3. Warkworth	Existing
17/12/2019	51502132	Press Boundary Kit	Waste	Local	3. Warkworth	Existing
17/12/2019	51502085	Scour	Waste	Local	3. Warkworth	Existing
17/12/2019	51502123	Scour	Waste	Local	3. Warkworth	Existing
4/02/2020	51508953	Cap	Waste	Local	3. Warkworth	Future
5/02/2020	51508627	Air Release	Waste	Local	3. Warkworth	Existing
5/02/2020	51508544	Line	Waste	Local	3. Warkworth	Existing
5/02/2020	51508635	Line	Waste	Local	3. Warkworth	Existing
5/02/2020	51508536	Line	Waste	Local	3. Warkworth	Future
5/02/2020	51508542	Node	Waste	Local	3. Warkworth	Existing
5/02/2020	51508552	Press Boundary Kit	Waste	Local	3. Warkworth	Existing
5/02/2020	51508553	Press Boundary Kit	Waste	Local	3. Warkworth	Existing

Table 3.3: New wastewater fittings installed during the reporting year, 1 July 2019 to 30 June 2020, in the catchments covered by the Network Discharge Consent Permit

5/02/2020	51508557	Press Boundary Kit	Waste	Local	3. Warkworth	Existing
5/02/2020	51508583	Press Boundary Kit	Waste	Local	3. Warkworth	Existing
5/02/2020	51508584	Press Boundary Kit	Waste	Local	3. Warkworth	Existing
5/02/2020	51508586	Press Boundary Kit	Waste	Local	3. Warkworth	Existing
5/02/2020	51508590	Press Boundary Kit	Waste	Local	3. Warkworth	Existing
5/02/2020	51508591	Press Boundary Kit	Waste	Local	3. Warkworth	Existing
5/02/2020	51508609	Press Boundary Kit	Waste	Local	3. Warkworth	Existing
5/02/2020	51508610	Press Boundary Kit	Waste	Local	3. Warkworth	Existing
5/02/2020	51508611	Press Boundary Kit	Waste	Local	3. Warkworth	Existing
5/02/2020	51508612	Press Boundary Kit	Waste	Local	3. Warkworth	Existing
5/02/2020	51508613	Press Boundary Kit	Waste	Local	3. Warkworth	Existing
5/02/2020	51508617	Press Boundary Kit	Waste	Local	3. Warkworth	Existing
5/02/2020	51508619	Press Boundary Kit	Waste	Local	3. Warkworth	Existing
5/02/2020	51508631	Press Boundary Kit	Waste	Local	3. Warkworth	Existing
5/02/2020	51508633	Press Boundary Kit	Waste	Local	3. Warkworth	Existing
5/02/2020	51508642	Press Boundary Kit	Waste	Local	3. Warkworth	Existing
5/02/2020	51508643	Press Boundary Kit	Waste	Local	3. Warkworth	Existing
5/02/2020	51508644	Press Boundary Kit	Waste	Local	3. Warkworth	Existing
5/02/2020	51508540	Reducer	Waste	Local	3. Warkworth	Existing
5/02/2020	51508546	Reducer	Waste	Local	3. Warkworth	Existing
5/02/2020	51508634	Reducer	Waste	Local	3. Warkworth	Existing
5/02/2020	51508537	Reducer	Waste	Local	3. Warkworth	Future
5/02/2020	51508629	Scour	Waste	Local	3. Warkworth	Existing
5/02/2020	51508520	Scour	Waste	Local	3. Warkworth	Existing
11/08/2019	51467567	Node	Waste	Local	7. Orewa	Existing
20/08/2019	51305636	Press Boundary Kit	Waste	Local	7. Orewa	Existing
20/08/2019	51305634	Press Boundary Kit	Waste	Local	7. Orewa	Existing
20/08/2019	51305633	Press Boundary Kit	Waste	Local	7. Orewa	Existing
20/08/2019	51305630	Press Boundary Kit	Waste	Local	7. Orewa	Existing
20/08/2019	51305629	Press Boundary Kit	Waste	Local	7. Orewa	Existing
20/08/2019	51305626	Press Boundary Kit	Waste	Local	7. Orewa	Existing
21/08/2019	51453731	Node	Waste	Local	7. Orewa	Existing

Table 3.3: New wastewater fittings installed during the reporting year, 1 July 2019 to 30 June 2020, in the catchments covered by the Network Discharge Consent Permit

29/08/2019	51291825	Press Boundary Kit	Waste	Local	7. Orewa	Existing
29/08/2019	51291826	Press Boundary Kit	Waste	Local	7. Orewa	Existing
29/08/2019	51291833	Press Boundary Kit	Waste	Local	7. Orewa	Existing
29/08/2019	51291842	Press Boundary Kit	Waste	Local	7. Orewa	Existing
29/08/2019	51291846	Press Boundary Kit	Waste	Local	7. Orewa	Existing
29/08/2019	51291847	Press Boundary Kit	Waste	Local	7. Orewa	Existing
29/08/2019	51291854	Press Boundary Kit	Waste	Local	7. Orewa	Existing
29/08/2019	51291855	Press Boundary Kit	Waste	Local	7. Orewa	Existing
29/08/2019	51291858	Press Boundary Kit	Waste	Local	7. Orewa	Existing
29/08/2019	51291860	Press Boundary Kit	Waste	Local	7. Orewa	Existing
29/08/2019	51291861	Press Boundary Kit	Waste	Local	7. Orewa	Existing
29/08/2019	51291864	Press Boundary Kit	Waste	Local	7. Orewa	Existing
21/10/2019	51474162	Press Boundary Kit	Waste	Local	7. Orewa	Existing
21/10/2019	51474161	Press Boundary Kit	Waste	Local	7. Orewa	Existing
21/10/2019	51474160	Press Boundary Kit	Waste	Local	7. Orewa	Existing
21/10/2019	51474159	Press Boundary Kit	Waste	Local	7. Orewa	Existing
21/10/2019	51474158	Press Boundary Kit	Waste	Local	7. Orewa	Existing
21/10/2019	51474157	Press Boundary Kit	Waste	Local	7. Orewa	Existing
21/10/2019	51474155	Press Boundary Kit	Waste	Local	7. Orewa	Existing
21/10/2019	51474154	Press Boundary Kit	Waste	Local	7. Orewa	Existing
21/10/2019	51474156	Press Boundary Kit	Waste	Local	7. Orewa	Existing
11/11/2019	51474038	Press Boundary Kit	Waste	Local	7. Orewa	Existing
27/11/2019	51509100	Node	Waste	Local	7. Orewa	Existing
27/11/2019	51509101	Node	Waste	Local	7. Orewa	Existing
10/12/2019	51501398	Node	Waste	Local	7. Orewa	Future
11/12/2019	51510167	Node	Waste	Local	7. Orewa	Future
31/01/2020	51508454	Node	Waste	Local	7. Orewa	Existing
24/02/2020	51510048	Cap	Waste	Local	7. Orewa	Existing
2/09/2019	51467137	Node	Waste	Local	9. Whangaparaoa	Existing
17/09/2019	51468391	Cap	Waste	Local	9. Whangaparaoa	Existing
17/09/2019	51468411	Cap	Waste	Local	9. Whangaparaoa	Existing
17/09/2019	51468421	Cap	Waste	Local	9. Whangaparaoa	Existing

Table 3.3: New wastewater fittings installed during the reporting year, 1 July 2019 to 30 June 2020, in the catchments covered by the Network Discharge Consent Permit

17/09/2019	51468425	Cap	Waste	Local	9. Whangaparaoa	Existing
17/09/2019	51468483	Cap	Waste	Local	9. Whangaparaoa	Existing
17/09/2019	51468485	Cap	Waste	Local	9. Whangaparaoa	Existing
17/09/2019	51468487	Cap	Waste	Local	9. Whangaparaoa	Existing
17/09/2019	51468493	Cap	Waste	Local	9. Whangaparaoa	Existing
17/09/2019	51468496	Cap	Waste	Local	9. Whangaparaoa	Existing
17/09/2019	51468499	Cap	Waste	Local	9. Whangaparaoa	Existing
17/09/2019	51468492	Node	Waste	Local	9. Whangaparaoa	Existing
17/09/2019	51468495	Node	Waste	Local	9. Whangaparaoa	Existing
17/09/2019	51468498	Node	Waste	Local	9. Whangaparaoa	Existing
31/01/2020	51509025	Cap	Waste	Local	9. Whangaparaoa	Existing
3/07/2019	51461954	Cap	Waste	Local	10. Long Bay	Existing
3/07/2019	51461956	Cap	Waste	Local	10. Long Bay	Existing
3/07/2019	51307988	Node	Waste	Local	11. East Coast Bays	Existing
12/07/2019	51305758	Cap	Waste	Local	11. East Coast Bays	Existing
17/07/2019	51312493	Cap	Waste	Local	11. East Coast Bays	Existing
12/08/2019	51466458	Cap	Waste	Local	11. East Coast Bays	Existing
12/08/2019	51502349	Cap	Waste	Local	11. East Coast Bays	Existing
12/08/2019	51502346	Node	Waste	Local	11. East Coast Bays	Existing
8/11/2019	51501314	Node	Waste	Local	11. East Coast Bays	Existing
31/01/2020	51506996	Node	Waste	Local	11. East Coast Bays	Existing
4/02/2020	51509777	Node	Waste	Local	11. East Coast Bays	Existing
11/02/2020	51506910	Node	Waste	Local	11. East Coast Bays	Existing
20/03/2020	51507025	Node	Waste	Local	11. East Coast Bays	Existing
20/03/2020	51507026	Node	Waste	Local	11. East Coast Bays	Existing
9/09/2019	51309395	Node	Waste	Local	12. Devonport-Takapuna	Existing
27/08/2019	51508353	Cap	Waste	Local	13. Shoal Bay	Existing
27/08/2019	51508356	Trans Connect	Waste	Local	13. Shoal Bay	Existing
1/09/2019	51495723	Cap	Waste	Local	13. Shoal Bay	Existing
4/02/2020	51509425	Node	Waste	Local	13. Shoal Bay	Existing
10/07/2019	51305709	Node	Waste	Local	14. Upper Harbour North	Existing
12/08/2019	51453783	Node	Waste	Local	14. Upper Harbour North	Existing

Table 3.3: New wastewater fittings installed during the reporting year, 1 July 2019 to 30 June 2020, in the catchments covered by the Network Discharge Consent Permit

12/08/2019	51453785	Node	Waste	Local	14. Upper Harbour North	Existing
11/10/2019	51503220	Node	Waste	Local	14. Upper Harbour North	Existing
26/09/2019	51447101	Cap	Waste	Local	15. Upper Harbour South	Existing
2/10/2019	51360218	Cap	Waste	Local	15. Upper Harbour South	Existing
25/11/2019	51487840	Node	Waste	Local	15. Upper Harbour South	Existing
31/07/2019	51292169	Cap	Waste	Local	16. Upper Harbour West	Future
31/07/2019	51292167	Node	Waste	Local	16. Upper Harbour West	Future
11/10/2019	51487806	Cap	Waste	Local	16. Upper Harbour West	Existing
11/10/2019	51487807	Cap	Waste	Local	16. Upper Harbour West	Existing
11/10/2019	51487811	Cap	Waste	Local	16. Upper Harbour West	Existing
30/01/2020	51505027	Cap	Waste	Local	16. Upper Harbour West	Existing
30/01/2020	51505076	Cap	Waste	Local	16. Upper Harbour West	Existing
13/03/2020	51509035	Cap	Waste	Local	16. Upper Harbour West	Future
2/07/2019	51293983	Cap	Waste	Local	17. Henderson Creek	Existing
8/08/2019	51456228	Node	Waste	Local	17. Henderson Creek	Existing
14/08/2019	51476728	Node	Waste	Local	17. Henderson Creek	Existing
15/08/2019	51454676	Node	Waste	Local	17. Henderson Creek	Existing
16/08/2019	51495838	Node	Waste	Local	17. Henderson Creek	Existing
5/09/2019	51509199	Node	Waste	Local	17. Henderson Creek	Existing
30/09/2019	51510030	Node	Waste	Local	17. Henderson Creek	Existing
7/10/2019	51507113	Node	Waste	Local	17. Henderson Creek	Existing
15/10/2019	51505034	Node	Waste	Local	17. Henderson Creek	Existing
15/10/2019	51505035	Node	Waste	Local	17. Henderson Creek	Existing
31/10/2019	51492248	Cap	Waste	Local	17. Henderson Creek	Existing
20/11/2019	51501370	Node	Waste	Local	17. Henderson Creek	Existing
25/11/2019	51508978	Node	Waste	Local	17. Henderson Creek	Existing
10/12/2019	51501406	Node	Waste	Local	17. Henderson Creek	Existing
31/12/2019	51510033	Node	Waste	Local	17. Henderson Creek	Existing
31/12/2019	51510034	Node	Waste	Local	17. Henderson Creek	Existing
7/02/2020	51507085	Node	Waste	Local	17. Henderson Creek	Existing
10/02/2020	51508907	Node	Waste	Local	17. Henderson Creek	Existing
9/07/2019	51308952	Node	Waste	Local	18. Whau River	Existing

Table 3.3: New wastewater fittings installed during the reporting year, 1 July 2019 to 30 June 2020, in the catchments covered by the Network Discharge Consent Permit

17/07/2019	51298855	Cap	Waste	Local	18. Whau River	Existing
17/07/2019	51298870	Cap	Waste	Local	18. Whau River	Existing
19/08/2019	51454658	Node	Waste	Local	18. Whau River	Existing
28/08/2019	51451750	Node	Waste	Local	18. Whau River	Existing
28/08/2019	51451749	Node	Waste	Local	18. Whau River	Existing
5/09/2019	51492668	Cap	Waste	Local	18. Whau River	Existing
20/09/2019	51309323	Cap	Waste	Local	18. Whau River	Existing
20/09/2019	51309319	Node	Waste	Local	18. Whau River	Existing
27/09/2019	51487061	Node	Waste	Local	18. Whau River	Existing
7/11/2019	51495853	Cap	Waste	Local	18. Whau River	Existing
22/11/2019	51496692	Node	Waste	Local	18. Whau River	Existing
22/11/2019	51496699	Node	Waste	Local	18. Whau River	Existing
22/11/2019	51496734	Node	Waste	Local	18. Whau River	Existing
25/11/2019	51502704	Node	Waste	Local	18. Whau River	Existing
25/11/2019	51502806	Node	Waste	Local	18. Whau River	Existing
10/12/2019	51506972	Node	Waste	Local	18. Whau River	Existing
28/01/2020	51509403	Node	Waste	Local	18. Whau River	Existing
10/02/2020	51508925	Node	Waste	Local	18. Whau River	Existing
12/02/2020	51503210	Node	Waste	Local	18. Whau River	Existing
16/07/2019	51312434	Cap	Waste	Local	20. Cox's Bay	Existing
8/08/2019	51487182	Node	Waste	Local	20. Cox's Bay	Existing
17/09/2019	51472549	Cap	Waste	Local	20. Cox's Bay	Existing
17/09/2019	51472555	Node	Waste	Local	20. Cox's Bay	Existing
11/07/2019	51312879	Node	Waste	Local	21. Central Auckland CBD	Existing
1/08/2019	51460344	Node	Waste	Local	21. Central Auckland CBD	Existing
12/07/2019	51309884	Node	Waste	Local	22. Hobson Bay	Existing
19/07/2019	51496926	Node	Waste	Local	22. Hobson Bay	Existing
3/09/2019	51462096	Node	Waste	Local	22. Hobson Bay	Existing
11/09/2019	51496980	Node	Waste	Local	22. Hobson Bay	Existing
25/10/2019	51475183	Node	Waste	Local	22. Hobson Bay	Existing
2/02/2020	51509390	Node	Waste	Local	22. Hobson Bay	Existing
2/02/2020	51509392	Node	Waste	Local	22. Hobson Bay	Existing

Table 3.3: New wastewater fittings installed during the reporting year, 1 July 2019 to 30 June 2020, in the catchments covered by the Network Discharge Consent Permit

3/02/2020	51507108	Node	Waste	Local	22. Hobson Bay	Existing
2/07/2019	51308972	Node	Waste	Local	23. Onehunga	Existing
16/07/2019	51312401	Node	Waste	Local	23. Onehunga	Existing
29/07/2019	51493836	Node	Waste	Local	23. Onehunga	Existing
19/08/2019	51454691	Node	Waste	Local	23. Onehunga	Existing
19/08/2019	51462234	Node	Waste	Local	23. Onehunga	Existing
27/08/2019	51492955	Inspection	Waste	Local	23. Onehunga	Existing
2/10/2019	51502818	Cap	Waste	Local	23. Onehunga	Existing
2/10/2019	51502813	Node	Waste	Local	23. Onehunga	Existing
23/10/2019	51483325	Node	Waste	Local	23. Onehunga	Existing
23/10/2019	51501713	Node	Waste	Local	23. Onehunga	Existing
24/01/2020	51508994	Node	Waste	Local	23. Onehunga	Existing
24/01/2020	51508995	Node	Waste	Local	23. Onehunga	Existing
12/07/2019	51492373	Node	Waste	Local	24. Mangere	Existing
12/07/2019	51492391	Node	Waste	Local	24. Mangere	Existing
29/07/2019	51309137	Node	Waste	Local	24. Mangere	Existing
6/08/2019	51305373	Cap	Waste	Local	24. Mangere	Existing
9/08/2019	51453794	Cap	Waste	Local	24. Mangere	Existing
11/09/2019	51309170	Node	Waste	Local	24. Mangere	Existing
24/09/2019	51479620	Cap	Waste	Local	24. Mangere	Existing
6/11/2019	51501301	Cap	Waste	Local	24. Mangere	Existing
6/11/2019	51501471	Cap	Waste	Local	24. Mangere	Existing
6/11/2019	51501473	Cap	Waste	Local	24. Mangere	Existing
6/11/2019	51496697	Inspection	Waste	Local	24. Mangere	Existing
6/11/2019	51501296	Trans Connect	Waste	Local	24. Mangere	Existing
3/12/2019	51501156	Node	Waste	Local	24. Mangere	Existing
17/12/2019	51502019	Node	Waste	Local	24. Mangere	Existing
13/01/2020	51509097	Node	Waste	Local	24. Mangere	Existing
1/07/2019	51308062	Node	Waste	Local	25. Lower Tamaki River	Existing
2/07/2019	51468524	Node	Waste	Local	25. Lower Tamaki River	Existing
31/07/2019	51453790	Cap	Waste	Local	25. Lower Tamaki River	Existing
16/08/2019	51454651	Cap	Waste	Local	25. Lower Tamaki River	Existing

Table 3.3: New wastewater fittings installed during the reporting year, 1 July 2019 to 30 June 2020, in the catchments covered by the Network Discharge Consent Permit

13/09/2019	51502782	Cap	Waste	Local	25. Lower Tamaki River	Existing
19/09/2019	51471418	Cap	Waste	Local	25. Lower Tamaki River	Existing
11/10/2019	51497001	Cap	Waste	Local	25. Lower Tamaki River	Existing
27/10/2019	51501997	Node	Waste	Local	25. Lower Tamaki River	Existing
29/10/2019	51492393	Node	Waste	Local	25. Lower Tamaki River	Existing
13/11/2019	51501860	Cap	Waste	Local	25. Lower Tamaki River	Existing
14/11/2019	51501867	Node	Waste	Local	25. Lower Tamaki River	Existing
19/11/2019	51501494	Node	Waste	Local	25. Lower Tamaki River	Existing
19/11/2019	51501496	Node	Waste	Local	25. Lower Tamaki River	Existing
25/11/2019	51492698	Node	Waste	Local	25. Lower Tamaki River	Existing
11/02/2020	51503409	Node	Waste	Local	25. Lower Tamaki River	Existing
26/02/2020	51510074	Node	Waste	Local	25. Lower Tamaki River	Existing
20/07/2019	51467042	Cap	Waste	Local	26. Upper Tamaki River	Existing
7/08/2019	51453689	Node	Waste	Local	26. Upper Tamaki River	Existing
13/08/2019	51456994	Node	Waste	Local	26. Upper Tamaki River	Existing
28/08/2019	51467123	Cap	Waste	Local	26. Upper Tamaki River	Existing
17/09/2019	51447024	Node	Waste	Local	26. Upper Tamaki River	Existing
17/09/2019	51479868	Node	Waste	Local	26. Upper Tamaki River	Existing
17/09/2019	51479869	Node	Waste	Local	26. Upper Tamaki River	Existing
18/09/2019	51447112	Cap	Waste	Local	26. Upper Tamaki River	Existing
18/09/2019	51467561	Cap	Waste	Local	26. Upper Tamaki River	Existing
22/09/2019	51462318	Cap	Waste	Local	26. Upper Tamaki River	Existing
24/09/2019	51472682	Cap	Waste	Local	26. Upper Tamaki River	Existing
30/09/2019	51483061	Node	Waste	Local	26. Upper Tamaki River	Existing
2/10/2019	51453622	Node	Waste	Local	26. Upper Tamaki River	Existing
7/10/2019	51502391	Cap	Waste	Local	26. Upper Tamaki River	Existing
4/11/2019	51494096	Cap	Waste	Local	26. Upper Tamaki River	Existing
4/11/2019	51494093	Node	Waste	Local	26. Upper Tamaki River	Existing
13/11/2019	51471676	Node	Waste	Local	26. Upper Tamaki River	Existing
19/11/2019	51510217	Cap	Waste	Local	26. Upper Tamaki River	Existing
20/11/2019	51502012	Node	Waste	Local	26. Upper Tamaki River	Existing
19/12/2019	51492314	Cap	Waste	Local	26. Upper Tamaki River	Existing

Table 3.3: New wastewater fittings installed during the reporting year, 1 July 2019 to 30 June 2020, in the catchments covered by the Network Discharge Consent Permit

30/01/2020	51510023	Cap	Waste	Local	26. Upper Tamaki River	Existing
31/01/2020	51502975	Cap	Waste	Local	26. Upper Tamaki River	Existing
4/02/2020	51507035	Node	Waste	Local	26. Upper Tamaki River	Existing
8/07/2019	51296898	Node	Waste	Local	28. Puhinui	Existing
11/07/2019	51308998	Cap	Waste	Local	28. Puhinui	Existing
19/07/2019	51299165	Node	Waste	Local	28. Puhinui	Existing
8/08/2019	51452454	Node	Waste	Local	28. Puhinui	Existing
29/08/2019	51466443	Cap	Waste	Local	28. Puhinui	Existing
17/09/2019	51473796	Cap	Waste	Local	28. Puhinui	Existing
17/09/2019	51473799	Cap	Waste	Local	28. Puhinui	Existing
17/09/2019	51473783	Cap	Waste	Local	28. Puhinui	Existing
17/09/2019	51473791	Cap	Waste	Local	28. Puhinui	Existing
1/10/2019	51479863	Node	Waste	Local	28. Puhinui	Existing
14/10/2019	51497007	Cap	Waste	Local	28. Puhinui	Existing
17/10/2019	51483226	Cap	Waste	Local	28. Puhinui	Existing
17/10/2019	51496946	Node	Waste	Local	28. Puhinui	Existing
8/11/2019	51481879	Cap	Waste	Local	28. Puhinui	Existing
4/07/2019	51307998	Cap	Waste	Local	29. Pahurehure Inlet	Existing
4/07/2019	51307993	Node	Waste	Local	29. Pahurehure Inlet	Existing
5/07/2019	51502689	Inspection	Waste	Local	29. Pahurehure Inlet	Existing
24/07/2019	51454594	Node	Waste	Local	29. Pahurehure Inlet	Existing
16/08/2019	51310414	Cap	Waste	Local	29. Pahurehure Inlet	Existing
20/08/2019	51290618	Cap	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51290573	Trans Connect	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51290601	Trans Connect	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51290616	Trans Connect	Waste	Local	29. Pahurehure Inlet	Future
20/08/2019	51290543	Trans Connect	Waste	Local	29. Pahurehure Inlet	Future
23/08/2019	51454671	Cap	Waste	Local	29. Pahurehure Inlet	Existing
23/08/2019	51454670	Node	Waste	Local	29. Pahurehure Inlet	Existing
29/08/2019	51474820	Cap	Waste	Local	29. Pahurehure Inlet	Existing
29/08/2019	51474790	Cap	Waste	Local	29. Pahurehure Inlet	Existing
3/09/2019	51483044	Cap	Waste	Local	29. Pahurehure Inlet	Existing

Table 3.3: New wastewater fittings installed during the reporting year, 1 July 2019 to 30 June 2020, in the catchments covered by the Network Discharge Consent Permit

2/10/2019	51487371	Node	Waste	Local	29. Pahurehure Inlet	Existing
15/10/2019	51496901	Cap	Waste	Local	29. Pahurehure Inlet	Existing
15/10/2019	51496903	Cap	Waste	Local	29. Pahurehure Inlet	Existing
15/10/2019	51505004	Node	Waste	Local	29. Pahurehure Inlet	Existing
7/11/2019	51502894	Node	Waste	Local	29. Pahurehure Inlet	Existing
7/11/2019	51502895	Node	Waste	Local	29. Pahurehure Inlet	Existing
8/11/2019	51481947	Cap	Waste	Local	29. Pahurehure Inlet	Existing
6/12/2019	51502474	Node	Waste	Local	29. Pahurehure Inlet	Existing
30/01/2020	51502387	Node	Waste	Local	29. Pahurehure Inlet	Existing
7/02/2020	51510084	Cap	Waste	Local	29. Pahurehure Inlet	Existing
7/02/2020	51510089	Node	Waste	Local	29. Pahurehure Inlet	Existing
18/03/2020	51509821	Cap	Waste	Local	29. Pahurehure Inlet	Existing
18/03/2020	51509826	Cap	Waste	Local	29. Pahurehure Inlet	Existing
2/10/2019	51502484	Cap	Waste	Local	31. Beachlands Maraetai	Existing
30/09/2019	51497525	Node	Waste	Local	33. Waiuku	Existing
16/07/2019	51309104	Inspection	Waste	Local	34. Pukekohe	Existing
25/07/2019	51466357	Press Boundary Kit	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
25/07/2019	51466362	Press Boundary Kit	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
25/07/2019	51466365	Press Boundary Kit	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
25/07/2019	51466366	Press Boundary Kit	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
25/07/2019	51466369	Press Boundary Kit	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
25/07/2019	51466371	Press Boundary Kit	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
25/07/2019	51466373	Press Boundary Kit	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
25/07/2019	51466375	Press Boundary Kit	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
25/07/2019	51466376	Press Boundary Kit	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
25/07/2019	51466379	Press Boundary Kit	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
25/07/2019	51466380	Press Boundary Kit	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
25/07/2019	51466383	Press Boundary Kit	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
25/07/2019	51466384	Press Boundary Kit	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
25/07/2019	51466387	Press Boundary Kit	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
25/07/2019	51466388	Press Boundary Kit	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
25/07/2019	51466391	Press Boundary Kit	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing

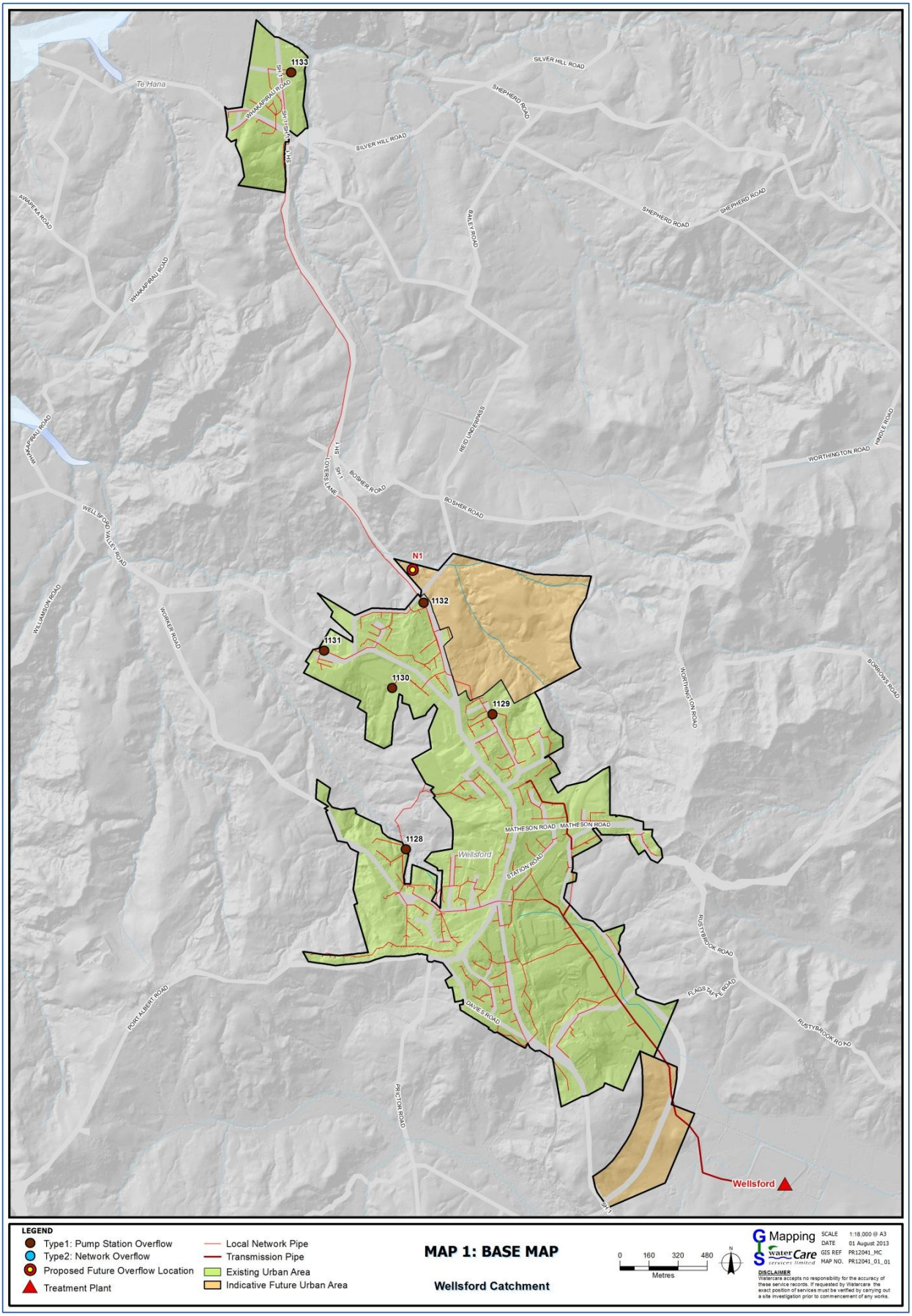
Table 3.3: New wastewater fittings installed during the reporting year, 1 July 2019 to 30 June 2020, in the catchments covered by the Network Discharge Consent Permit

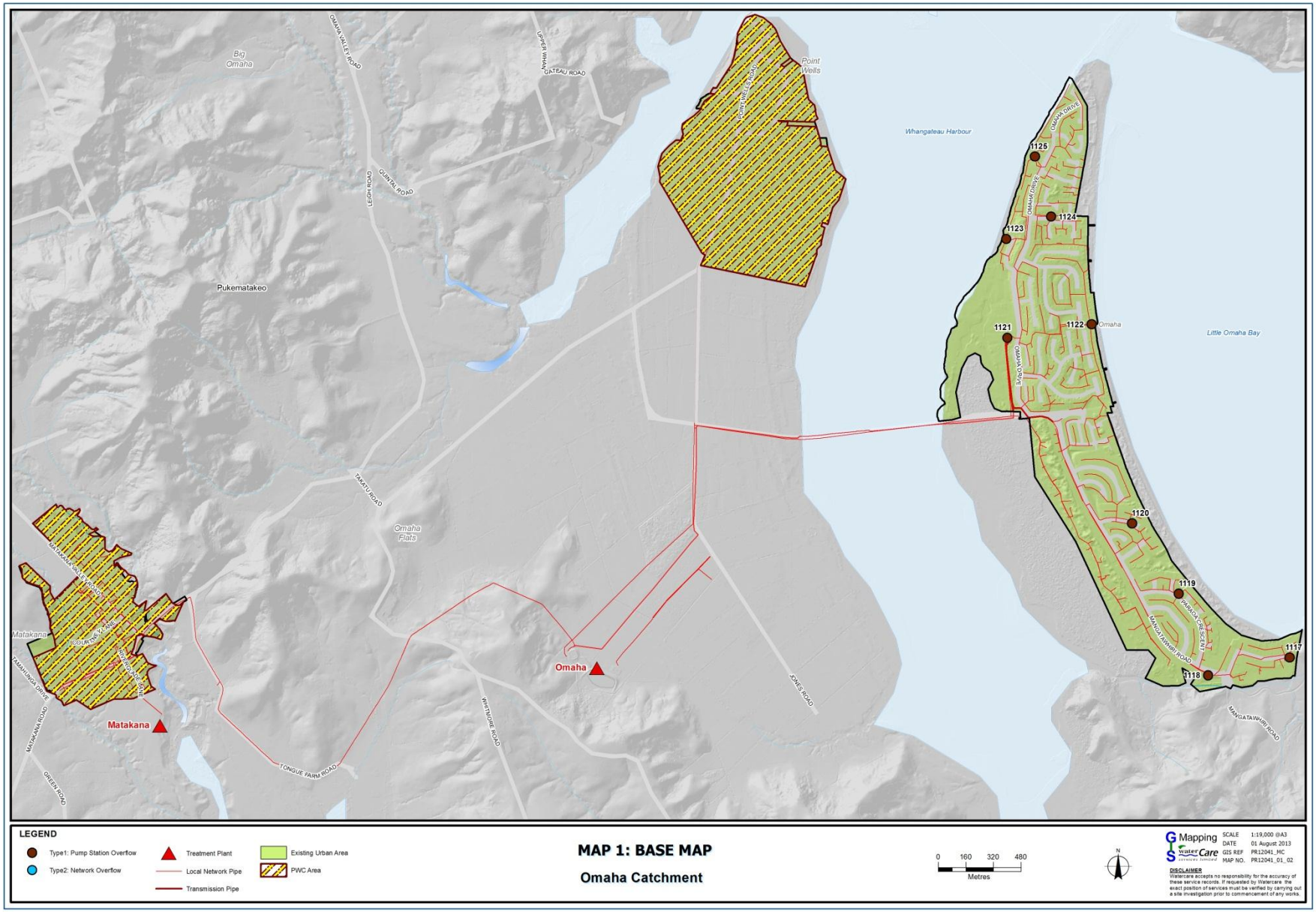
25/07/2019	51466392	Press Boundary Kit	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
25/07/2019	51466395	Press Boundary Kit	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
25/07/2019	51466396	Press Boundary Kit	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
25/07/2019	51466355	Scour	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
12/08/2019	51290466	Press Boundary Kit	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
12/08/2019	51290465	Press Boundary Kit	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
12/08/2019	51290485	Press Boundary Kit	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
12/08/2019	51290484	Press Boundary Kit	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
12/08/2019	51290483	Press Boundary Kit	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
12/08/2019	51290482	Press Boundary Kit	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
19/09/2019	51468684	Node	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
19/09/2019	51468687	Press Boundary Kit	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
19/09/2019	51468691	Press Boundary Kit	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
19/09/2019	51468692	Press Boundary Kit	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
19/09/2019	51468693	Press Boundary Kit	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
19/09/2019	51468696	Press Boundary Kit	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
19/09/2019	51468697	Press Boundary Kit	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
27/09/2019	51474121	Press Boundary Kit	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
27/09/2019	51474120	Press Boundary Kit	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
27/09/2019	51474117	Press Boundary Kit	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
27/09/2019	51474118	Press Boundary Kit	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
27/09/2019	51474109	Press Boundary Kit	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
27/09/2019	51474107	Press Boundary Kit	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
1/10/2019	51474974	Line	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
1/10/2019	51474978	Line	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
1/10/2019	51474982	Line	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
1/10/2019	51474992	Line	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
1/10/2019	51474932	Node	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
1/10/2019	51474933	Node	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
1/10/2019	51474951	Node	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
1/10/2019	51474969	Node	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
1/10/2019	51474973	Node	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing

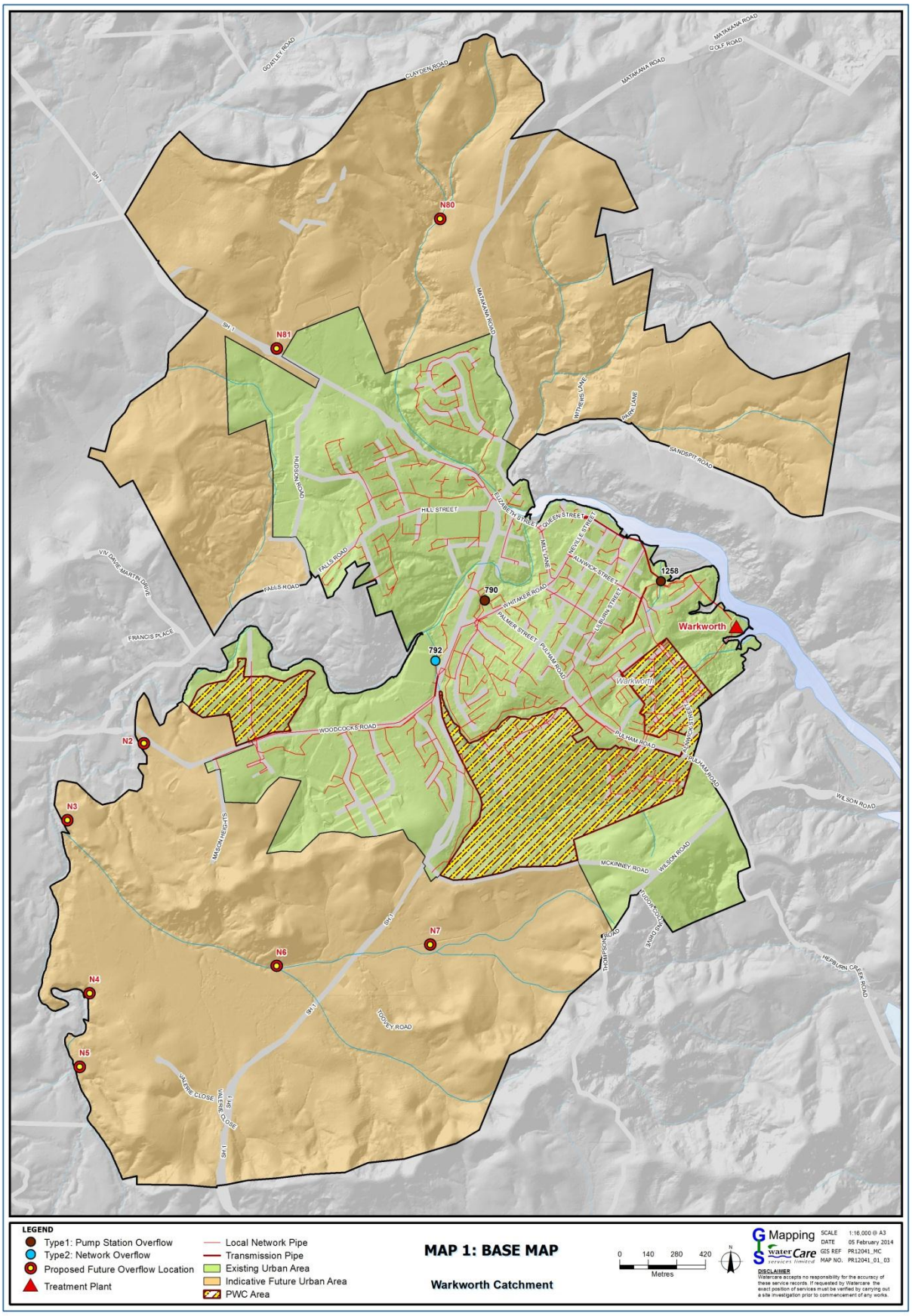
Table 3.3: New wastewater fittings installed during the reporting year, 1 July 2019 to 30 June 2020, in the catchments covered by the Network Discharge Consent Permit

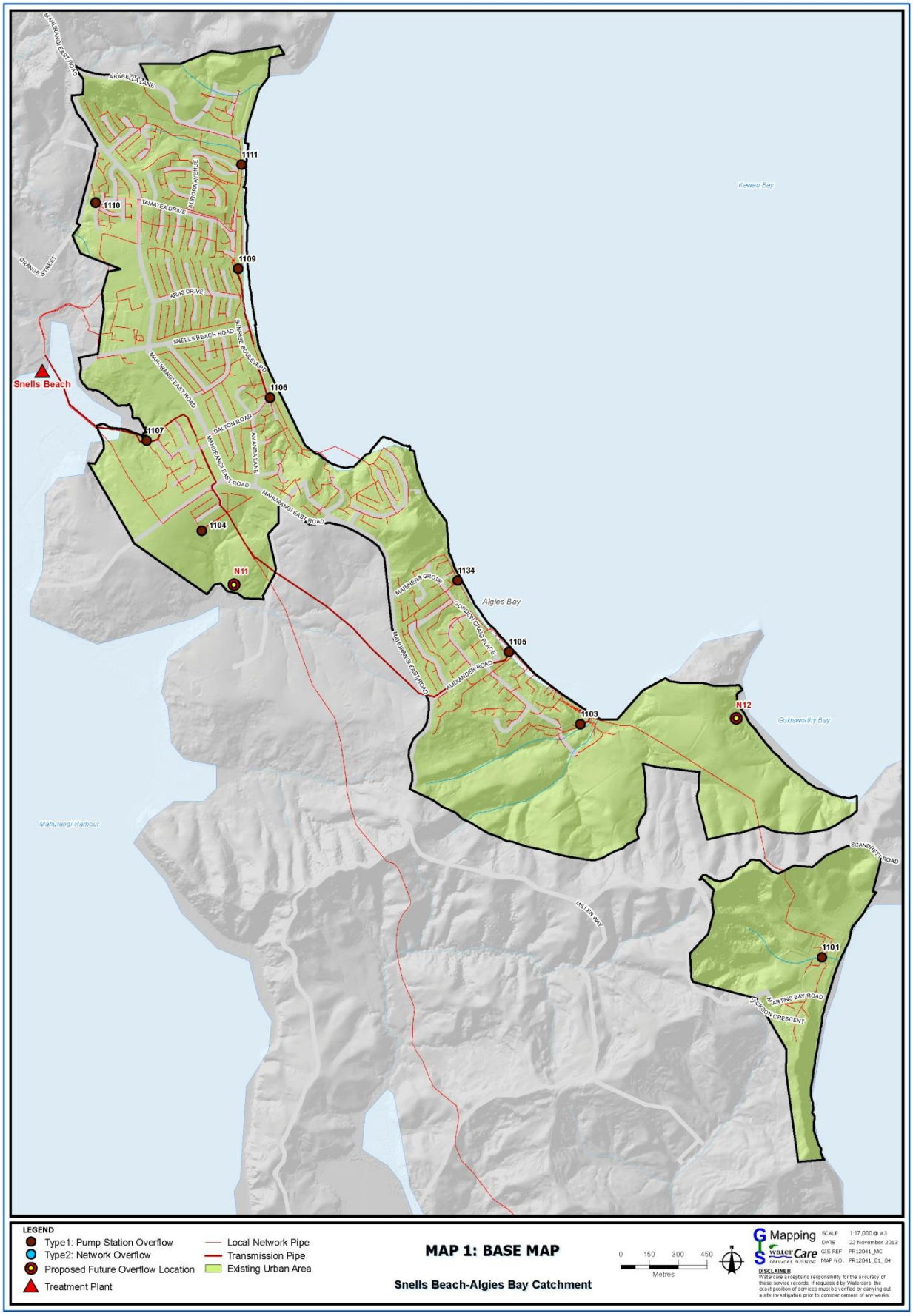
1/10/2019	51474981	Node	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
1/10/2019	51474993	Node	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
1/10/2019	51454669	Press Boundary Kit	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
1/10/2019	51475004	Press Boundary Kit	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
1/10/2019	51475005	Press Boundary Kit	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
1/10/2019	51475021	Press Boundary Kit	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
1/10/2019	51475023	Press Boundary Kit	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
1/10/2019	51475026	Press Boundary Kit	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
1/10/2019	51475027	Press Boundary Kit	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
1/10/2019	51475030	Press Boundary Kit	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
1/10/2019	51475034	Press Boundary Kit	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
1/10/2019	51475035	Press Boundary Kit	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
1/10/2019	51475038	Press Boundary Kit	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
1/10/2019	51475039	Press Boundary Kit	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
1/10/2019	51475314	Press Boundary Kit	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
1/10/2019	51475315	Press Boundary Kit	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
1/10/2019	51474999	Scour	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
3/10/2019	51501457	Press Boundary Kit	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
31/10/2019	51483040	Press Boundary Kit	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
5/11/2019	51474059	Press Boundary Kit	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
24/11/2019	51479711	Press Boundary Kit	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
24/11/2019	51479710	Press Boundary Kit	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
24/11/2019	51479715	Press Boundary Kit	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
24/11/2019	51479716	Press Boundary Kit	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
24/11/2019	51479717	Press Boundary Kit	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
13/12/2019	51509129	Press Boundary Kit	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing
13/12/2019	51509130	Press Boundary Kit	Waste	Local	35. Kumeu/Huapai/Riverhead	Existing

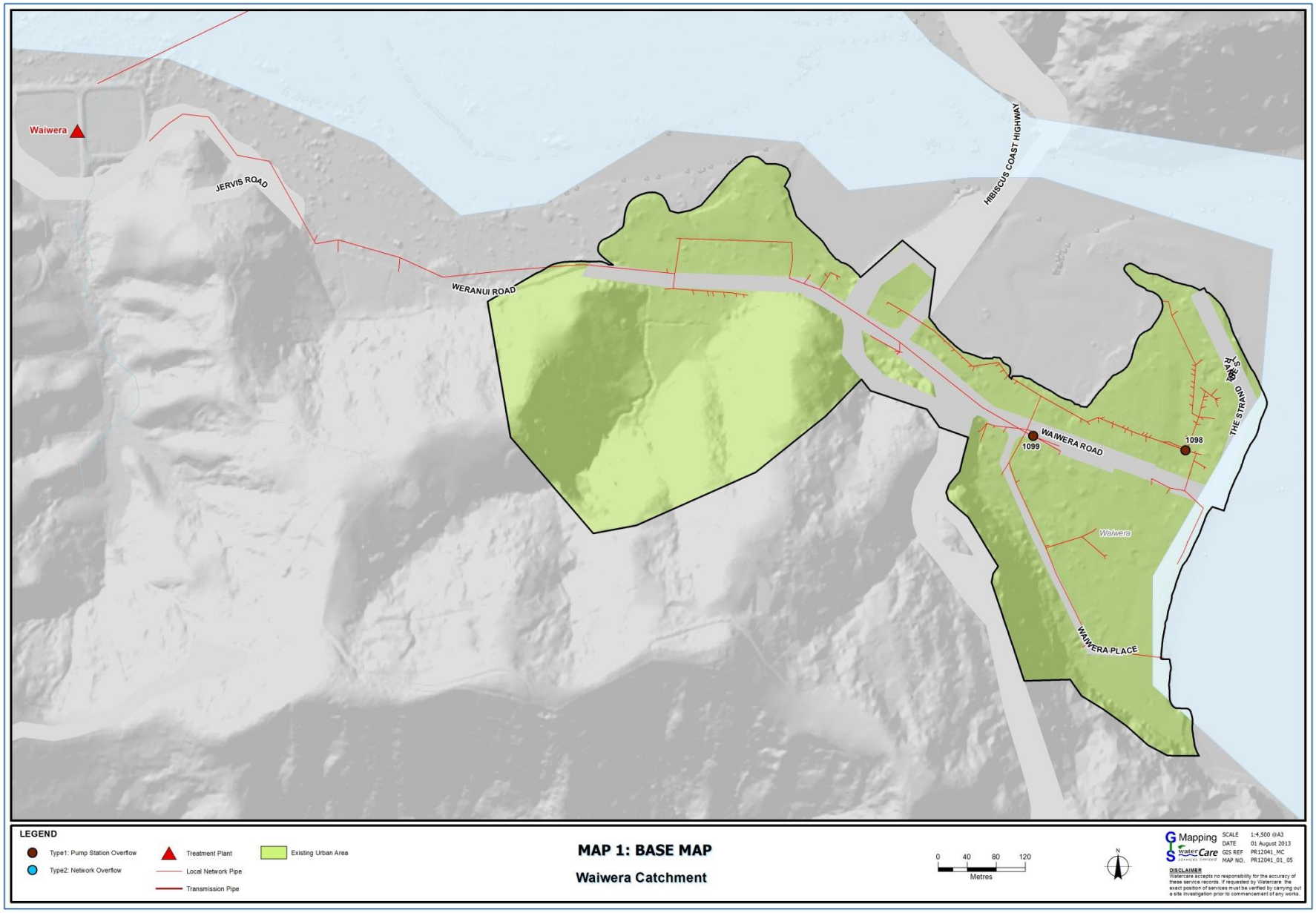
APPENDIX 4: NETWORK DISCHARGE CONSENT CATCHMENT MAPS

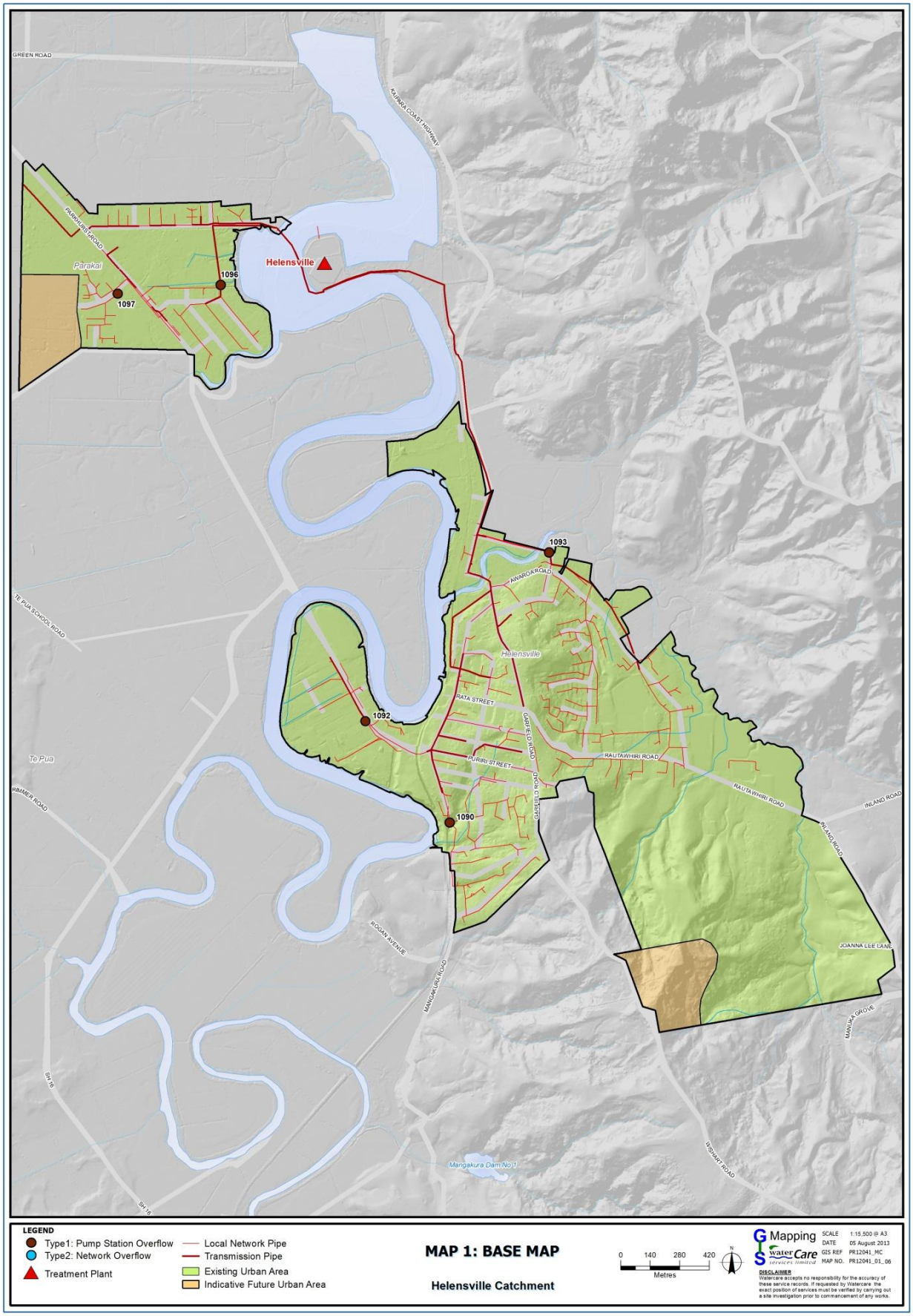

1133
Te Hana
SILVER HILL ROAD
SHEPHERD ROAD
WHAKAPARAU ROAD
SH1
AWAPEKA ROAD
BAILEY ROAD
REID UNDERPASS
WORTHINGTON ROAD
HINDLE ROAD
LOVERS LANE
BOSHER ROAD
WELLSFORD VALLEY ROAD
N1
1132
1131
1130
1129
WILLIAMSON ROAD
WORKER ROAD
BORROWS ROAD
MATHESON ROAD
1128
Wellsford
STATION ROAD
RUSTYBROOK ROAD
FLAGSTAFF ROAD
PORT ALBERT ROAD
DAVIES ROAD
PRICTOR ROAD
Wellsford
LEGEND
Type1: Pump Station Overflow
Type2: Network Overflow
Proposed Future Overflow Location
Treatment Plant
Local Network Pipe
Transmission Pipe
Existing Urban Area
Indicative Future Urban Area
MAP 1: BASE MAP
Wellsford Catchment
0 160 320 480
Metres
Mapping
Water Care services limited
SCALE 1:18,000 @ A3
DATE 01 August 2013
GIS REF PR12041_MC
MAP NO. PR12041_01_01
DISCLAIMER
Watercare accepts no responsibility for the accuracy of these service records. If requested by Watercare the exact position of services must be verified by carrying out a site investigation prior to commencement of any works.

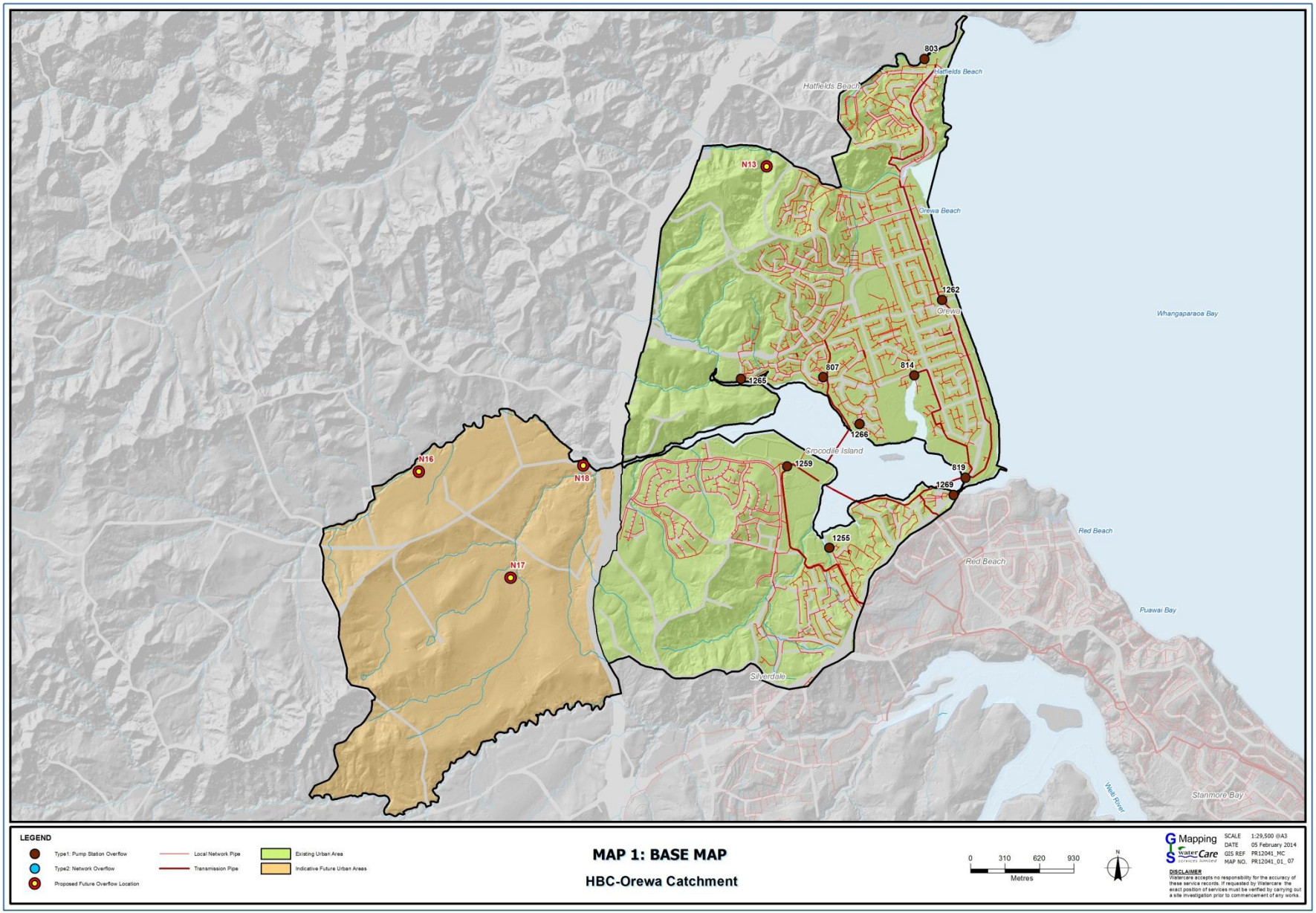

Big Omaha
OMAHA VALLEY ROAD
UPPER WHANGATEAU ROAD
GATEAU ROAD
Point Wells
POINT WELLS ROAD
Whangateau Harbour
OMAHA DRIVE
1125
1124
1123
1122
1121
Omaha
Little Omaha Bay
LEIGH ROAD
QUINTAL ROAD
Pukematakeo
TAMATI ROAD
Omaha Flats
1120
1119
PARAOA CRESCENT
MANGATAWHIRI ROAD
1117
1118
Matakana
Omaha
Matakana
TONGUE FARM ROAD
KNITMORE ROAD
JONES ROAD
MATAKANA ROAD
GREEN ROAD
LEGEND
Type1: Pump Station Overflow
Type2: Network Overflow
Treatment Plant
Local Network Pipe
Transmission Pipe
Existing Urban Area
PWC Area
MAP 1: BASE MAP
Omaha Catchment
0 160 320 480
Metres
N
Mapping
Water Care
SCALE 1:19,000 @A3
DATE 01 August 2013
GIS REF PR12041_MC
MAP NO. PR12041_01_02
DISCLAIMER
Watercare accepts no responsibility for the accuracy of these service records. If requested by Watercare, the exact position of services must be verified by carrying out a site investigation prior to commencement of any works.

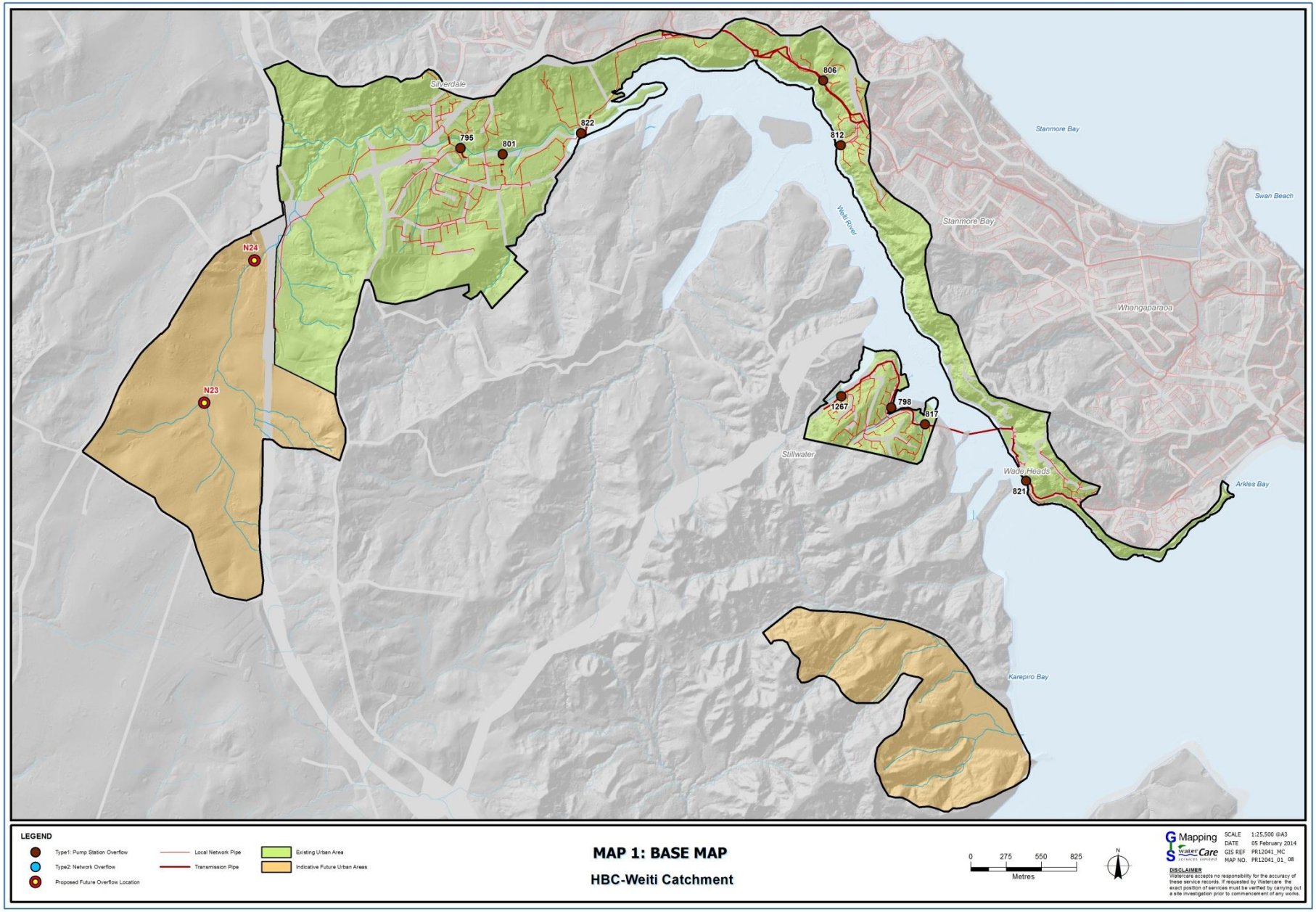

GOATLEY ROAD
CLAYDEN ROAD
MATAKANA ROAD
GOLF ROAD
SH 1
N80
N81
HUDSON ROAD
WITHERS LANE
PARK LANE
SANDSPIT ROAD
HILL STREET
ELIZABETH STREET
QUEEN STREET
MILL LANE
NEVILLE STREET
ALNWICK STREET
LILBURN STREET
FALLS ROAD
VW DAVE MARTIN DRIVE
FRANCIS PLACE
WHITAKER ROAD
PALMER STREET
PULHAM ROAD
1258
790
792
Warkworth
WOODCOCKS ROAD
N2
N3
MASON HEIGHTS
MCKINNEY ROAD
WILSON ROAD
N7
N6
N4
N5
TOOLEY ROAD
THOMPSONS ROAD
HEARBURN CREEK ROAD
VALERIE CLOSE
LAKE ESTATE CLOSE
LEGEND
Type1: Pump Station Overflow
Type2: Network Overflow
Proposed Future Overflow Location
Treatment Plant
Local Network Pipe
Transmission Pipe
Existing Urban Area
Indicative Future Urban Area
PWC Area
MAP 1: BASE MAP
Warkworth Catchment
0 140 280 420
Metres
N
Mapping
watercare services limited
SCALE 1:16,000 @ A3
DATE 05 February 2014
GIS REF PR12041_MC
MAP NO. PR12041_01_03
DISCLAIMER
Watercare accepts no responsibility for the accuracy of these service records. If requested by Watercare the exact position of services must be verified by carrying out a site investigation prior to commencement of any works.

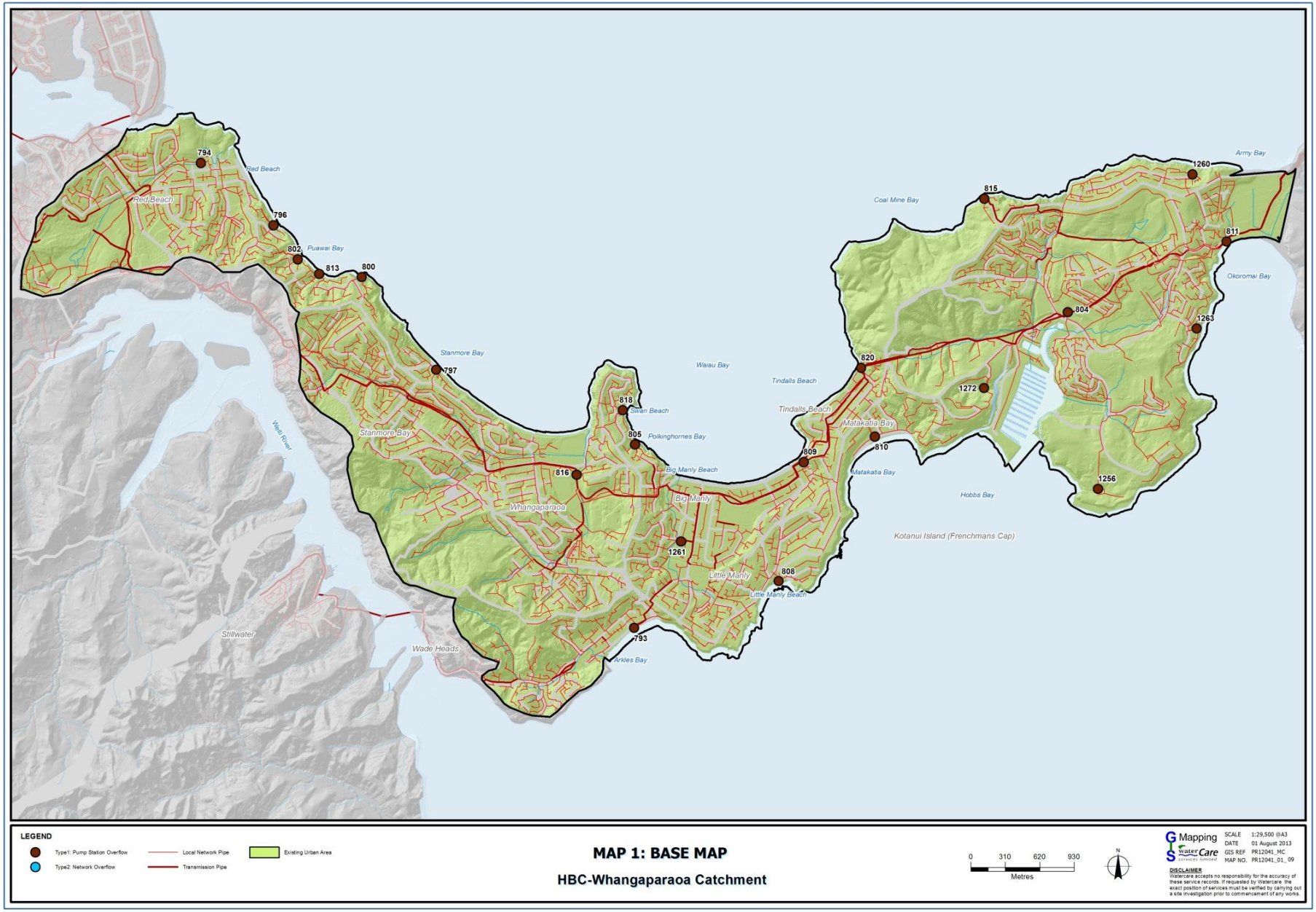

Snells Beach
1111
1110
1109
1106
1107
1104
N11
1134
1105
1103
N12
1101
Kawau Bay
Algies Bay
Goldsworthy Bay
Mahurangi Harbour
ARABELLA LANE
TAMATEA DRIVE
AURORA AVENUE
ORANGE STREET
ARIKI DRIVE
SNELLS BEACH ROAD
SUNRISE BOULEVARD
MAHURANGI EAST ROAD
DALTON ROAD
AMANDA LANE
MANNERS GROVE
GORDON ROAD PLACE
ALEXANDER ROAD
SCANDRETT ROAD
MILLER WAY
MARTINS BAY ROAD
JACKSON CRESCENT
LEGEND
Type1: Pump Station Overflow
Type2: Network Overflow
Proposed Future Overflow Location
Treatment Plant
Local Network Pipe
Transmission Pipe
Existing Urban Area
MAP 1: BASE MAP
Snells Beach-Algies Bay Catchment
0 150 300 450
Metres
GIS Mapping
Watercare Services Limited
SCALE 1:17,000 @ A3
DATE 22 November 2013
GIS REF PR12041_MC
MAP NO. PR12041_01_04
DISCLAIMER
Watercare accepts no responsibility for the accuracy of these service records. If requested by Watercare the exact position of services must be verified by carrying out a site investigation prior to commencement of any works.

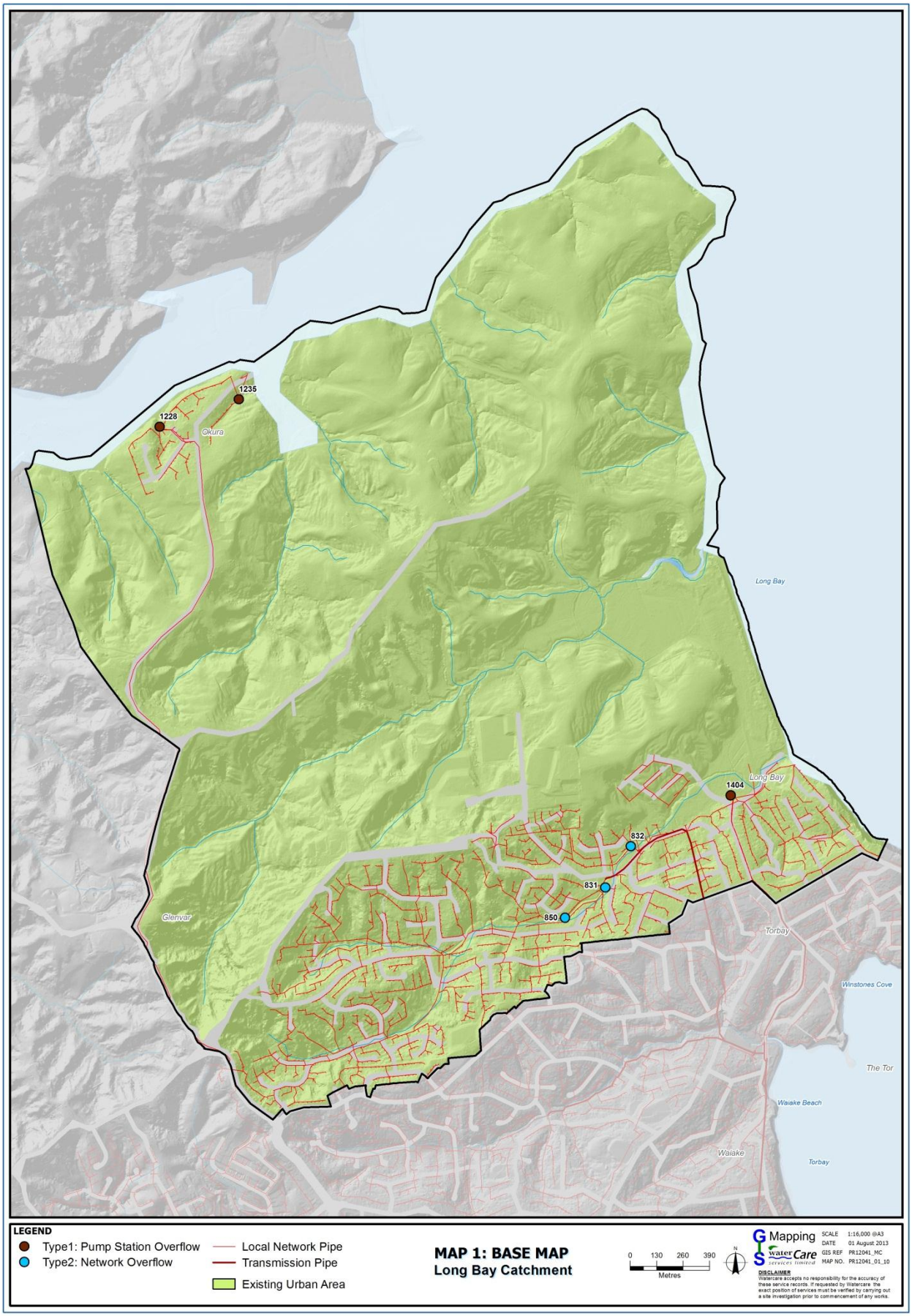

Waiwera
JERVIS ROAD
WERANUI ROAD
HIBISCUS COAST HIGHWAY
WAIWERA ROAD
1099
1098
THE STRAND
Waiwera
WAIWERA PLACE
LEGEND
Type1: Pump Station Overflow
Type2: Network Overflow
Treatment Plant
Local Network Pipe
Transmission Pipe
Existing Urban Area
MAP 1: BASE MAP
Waiwera Catchment
0 40 80 120
Metres
N
Mapping
Water Care
SCALE 1:4,500 @A3
DATE 01 August 2013
GIS REF PR12041_MC
MAP NO. PR12041_01_05
DISCLAIMER
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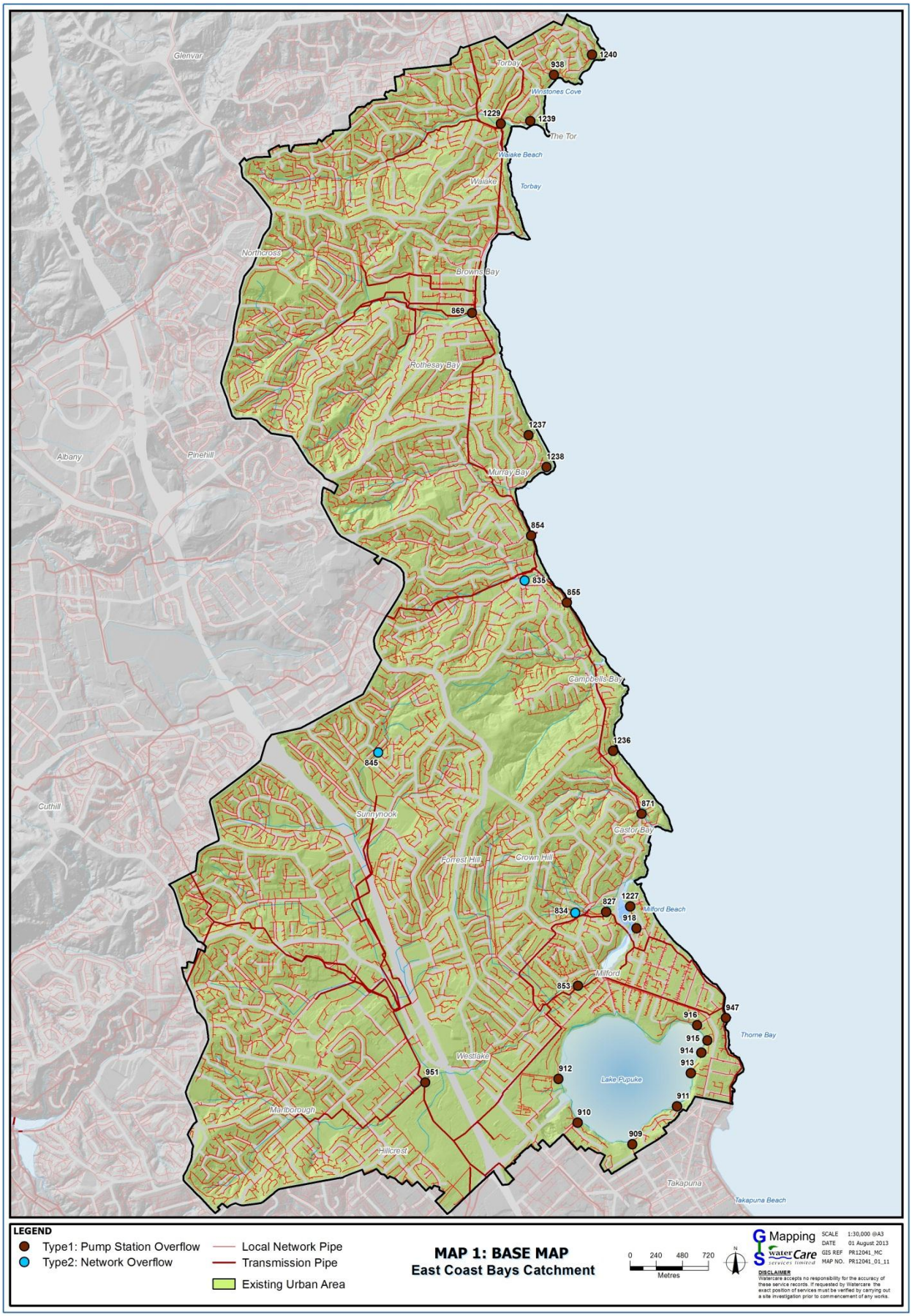

GREEN ROAD
PARKHURST ROAD
Parakai
1096
1097
Helensville
1093
AWAROA ROAD
Helensville
RATA STREET
1092
GARFIELD ROAD
PURIRI STREET
RAUTAWHIRI ROAD
1090
INLAND ROAD
PLAND ROAD
JOANNA LEE LANE
MANUKA GROVE
TE PUA SCHOOL ROAD
Te Pua
ROGAN AVENUE
MANGAKURA ROAD
SH 16
Mangakura Dam No 1
WISHART ROAD
LEGEND
Type1: Pump Station Overflow
Type2: Network Overflow
Treatment Plant
Local Network Pipe
Transmission Pipe
Existing Urban Area
Indicative Future Urban Area
MAP 1: BASE MAP
Helensville Catchment
0 140 280 420
Metres
N
GIS Mapping
Water Care
SCALE 1:15,500 @ A3
DATE 05 August 2013
GIS REF PR12041_MC
MAP NO. PR12041_01_06
DISCLAIMER
Watercare accepts no responsibility for the accuracy of these service records. If requested by Watercare the exact position of services must be verified by carrying out a site investigation prior to commencement of any works.

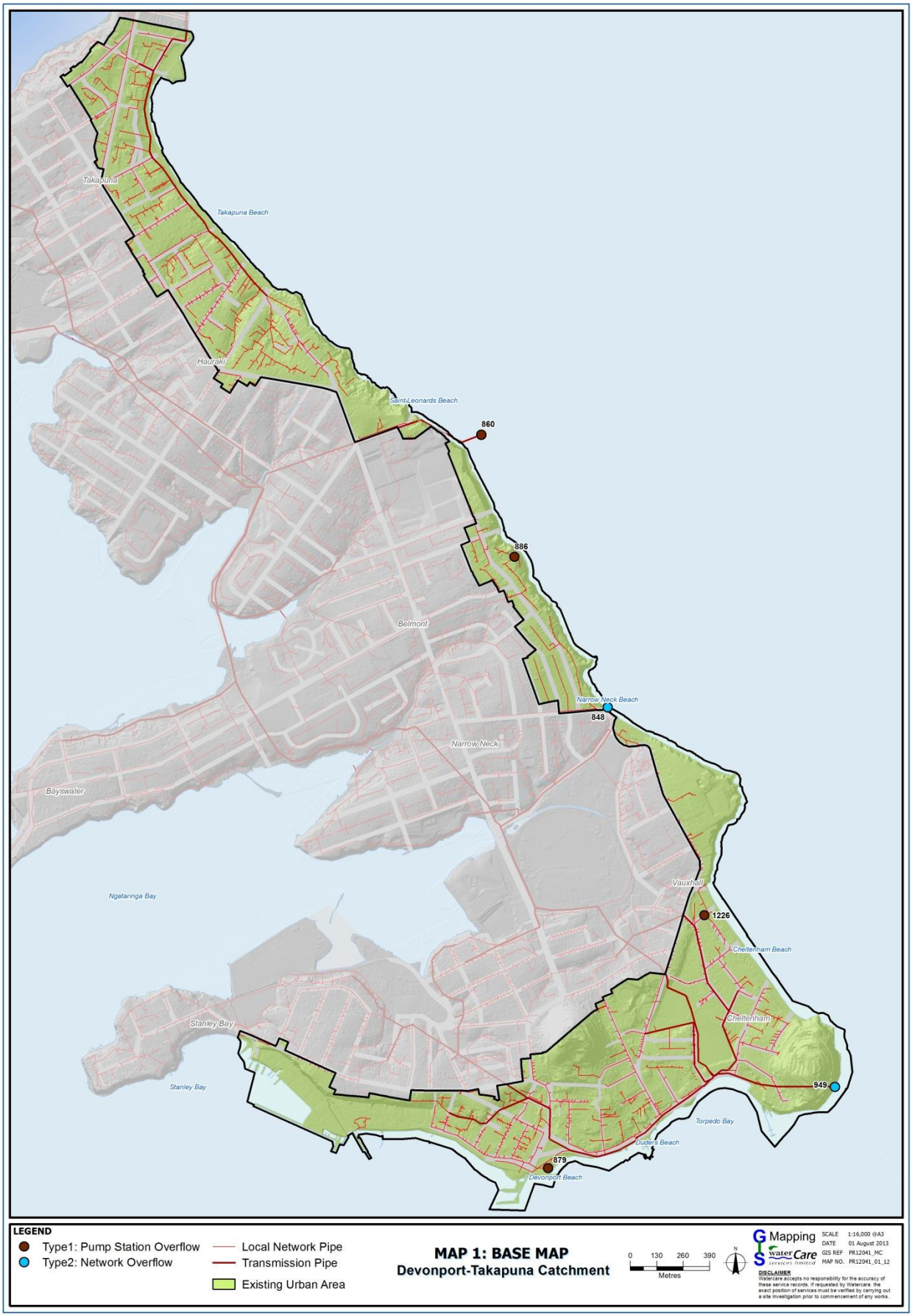

803
Hatfields Beach
N13
Orewa Beach
1262
Orewa
Whangaparaoa Bay
807
814
1265
1266
Crocodile Island
N16
N18
1259
819
1269
1255
Red Beach
N17
Puawai Bay
Silverdale
Stanmore Bay
LEGEND
Type1: Pump Station Overflow
Type2: Network Overflow
Proposed Future Overflow Location
Local Network Pipe
Transmission Pipe
Existing Urban Area
Indicative Future Urban Areas
MAP 1: BASE MAP
HBC-Orewa Catchment
0 310 620 930
Metres
N
SCALE 1:29,500 @A3
DATE 05 February 2014
GIS REF PR12041_HC
MAP NO. PR12041_01_07
DISCLAIMER
Watercare accepts no responsibility for the accuracy of these service records. If requested by Watercare the exact position of services must be verified by carrying out a site investigation prior to commencement of any works.

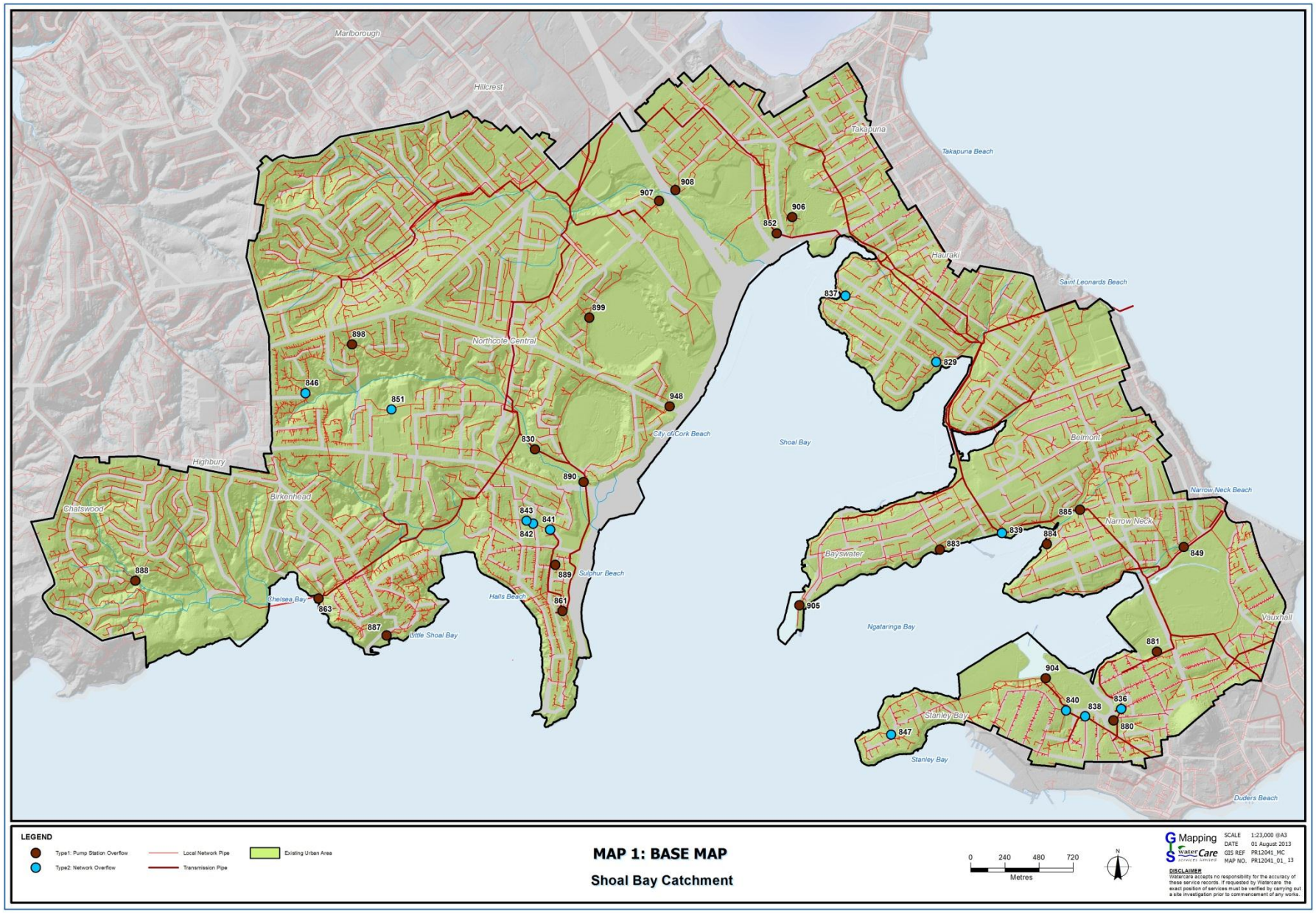

Silverdale
Stanmore Bay
Swan Beach
Stanmore Bay
Whangaparaoa
Weiti River
Stillwater
Wade Heads
Arkles Bay
Karepiro Bay
806
812
822
795
801
N24
N23
1267
798
817
821
LEGEND
Type1: Pump Station Overflow
Type2: Network Overflow
Proposed Future Overflow Location
Local Network Pipe
Transmission Pipe
Existing Urban Area
Indicative Future Urban Areas
MAP 1: BASE MAP
HBC-Weiti Catchment
0 275 550 825
Metres
N
Mapping
WaterCare
SCALE 1:25,500 @A3
DATE 05 February 2014
GIS REF PR12041_MC
MAP NO. PR12041_01_08
DISCLAIMER
Watercare accepts no responsibility for the accuracy of these service records. If requested by Watercare the exact position of services must be verified by carrying out a site investigation prior to commencement of any works.

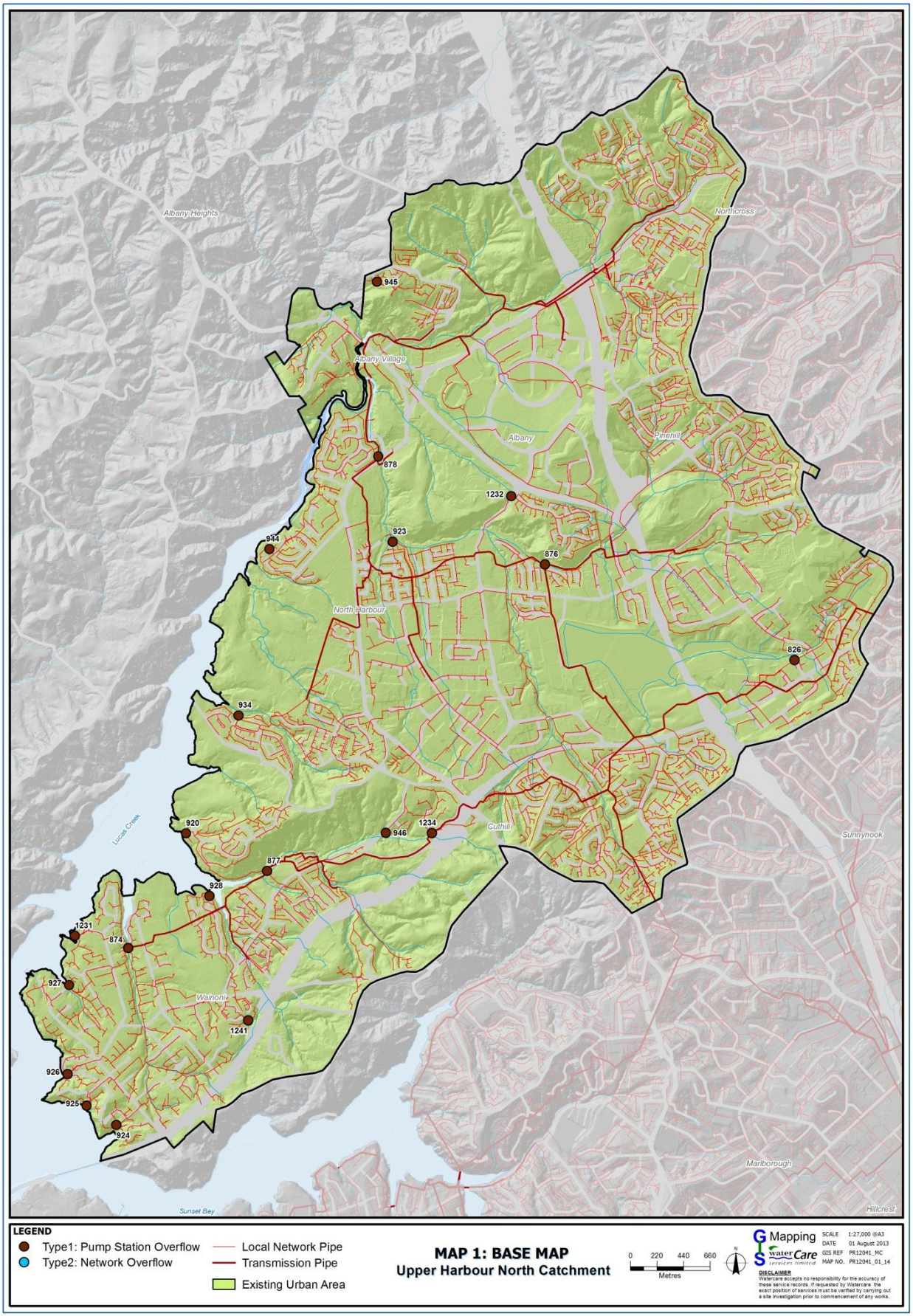

LEGEND
Type1: Pump Station Overflow
Type2: Network Overflow
Local Network Pipe
Transmission Pipe
Existing Urban Area
MAP 1: BASE MAP
HBC-Whangaparaoa Catchment
0 310 620 930
Metres
N
GIS Mapping
Watercare Services Limited
SCALE 1:29,500 @A3
DATE 01 August 2013
GIS REF PR12041_MC
MAP NO. PR12041_01_09
DISCLAIMER
Watercare accepts no responsibility for the accuracy of these service records. If requested by Watercare the exact position of services must be verified by carrying out a site investigation prior to commencement of any works.
794
796
802
813
800
797
818
805
816
809
810
820
815
1260
811
804
1263
1272
1256
1261
808
793
Red Beach
Puawai Bay
Stanmore Bay
Swan Beach
Polkinghornes Bay
Big Manly Beach
Whangaparaoa
Little Manly
Little Manly Beach
Arkles Bay
Wade Heads
Stillwater
Weiti River
Waiau Bay
Tindalls Beach
Matakatia Bay
Coal Mine Bay
Army Bay
Okoromai Bay
Hobbs Bay
Kotanui Island (Frenchmans Cap)

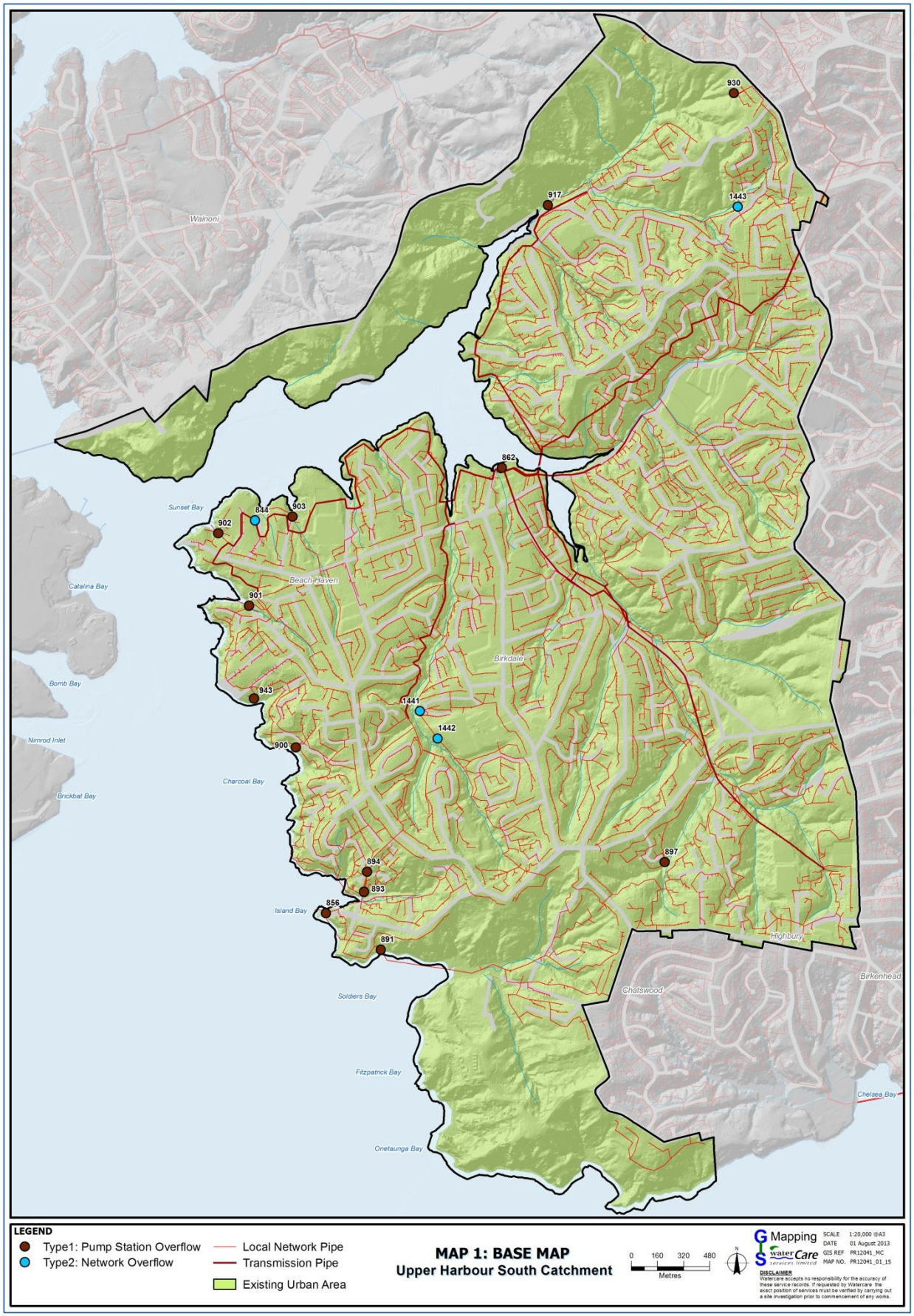

1235
1228
Okura
Long Bay
1404
Long Bay
832
831
850
Glenvar
Torbay
Winstones Cove
The Tor
Waiake Beach
Waiake
Torbay
LEGEND
Type1: Pump Station Overflow
Type2: Network Overflow
Local Network Pipe
Transmission Pipe
Existing Urban Area
MAP 1: BASE MAP
Long Bay Catchment
0 130 260 390
Metres
N
Mapping
WaterCare services limited
SCALE 1:16,000 @A3
DATE 01 August 2013
GIS REF PR12041_MC
MAP NO. PR12041_01_10
DISCLAIMER
Watercare accepts no responsibility for the accuracy of these service records. If requested by Watercare the exact position of services must be verified by carrying out a site investigation prior to commencement of any works.

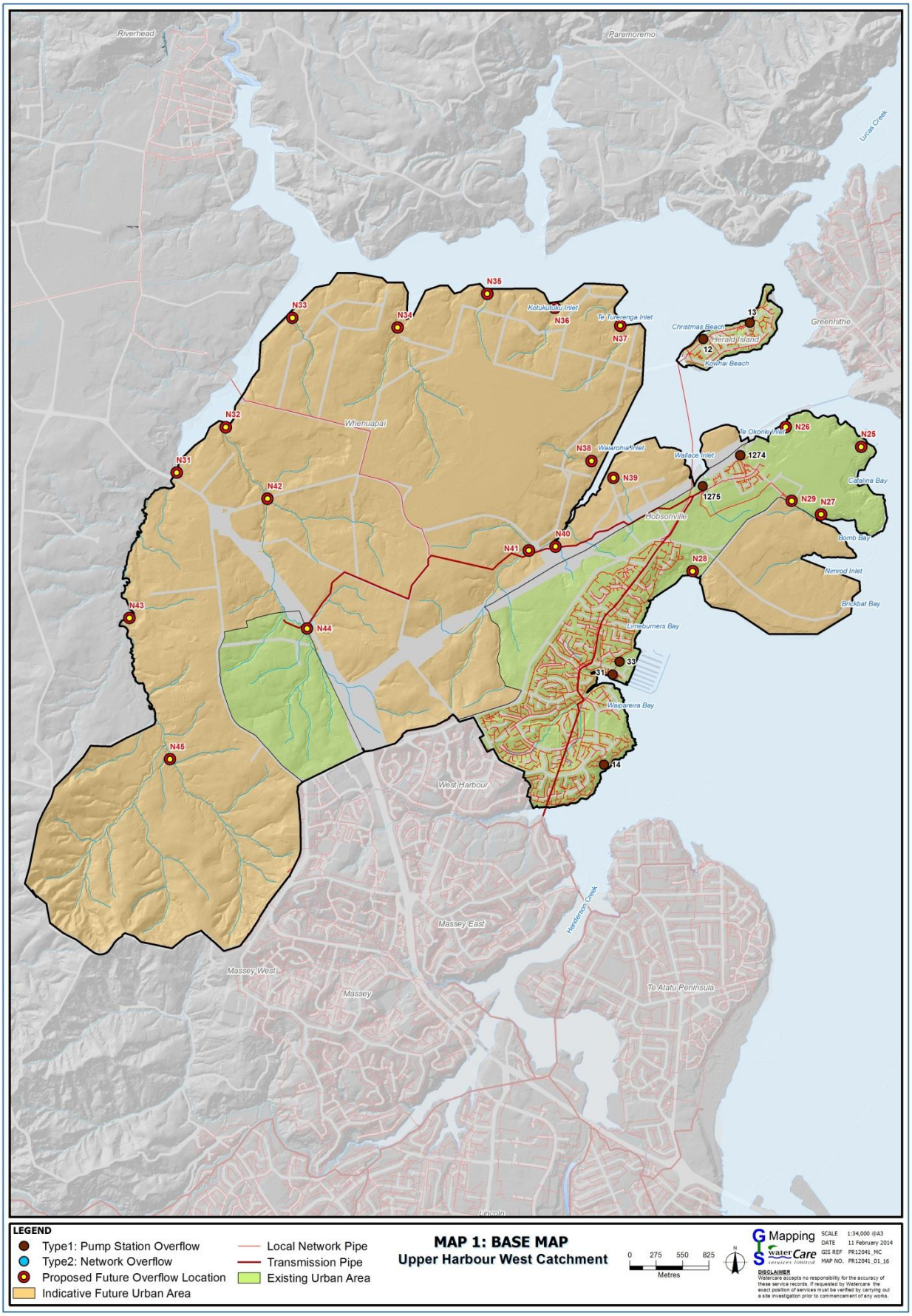

Glenvar
Torbay
Wiristones Cove
The Tor
Waiake Beach
Waiake
Torbay
Northcross
Browns Bay
Rothesay Bay
Albany
Pinehill
Murray Bay
Campbells Bay
Cuthill
Sunnynook
Castor Bay
Forrest Hill
Crown Hill
Milford Beach
Milford
Thorne Bay
Westlake
Lake Pupuke
Marlborough
Hillcrest
Takapuna
Takapuna Beach
1240
938
1229
1239
869
1237
1238
854
835
855
845
1236
871
1227
827
834
918
853
947
916
915
914
913
912
951
911
910
909
LEGEND
Type1: Pump Station Overflow
Type2: Network Overflow
Local Network Pipe
Transmission Pipe
Existing Urban Area
MAP 1: BASE MAP
East Coast Bays Catchment
0 240 480 720
Metres
N
GIS Mapping
Water Care services limited
SCALE 1:30,000 @A3
DATE 01 August 2013
GIS REF PR12041_MC
MAP NO. PR12041_01_11
DISCLAIMER
Watercare accepts no responsibility for the accuracy of these service records. If requested by Watercare the exact position of services must be verified by carrying out a site investigation prior to commencement of any works.

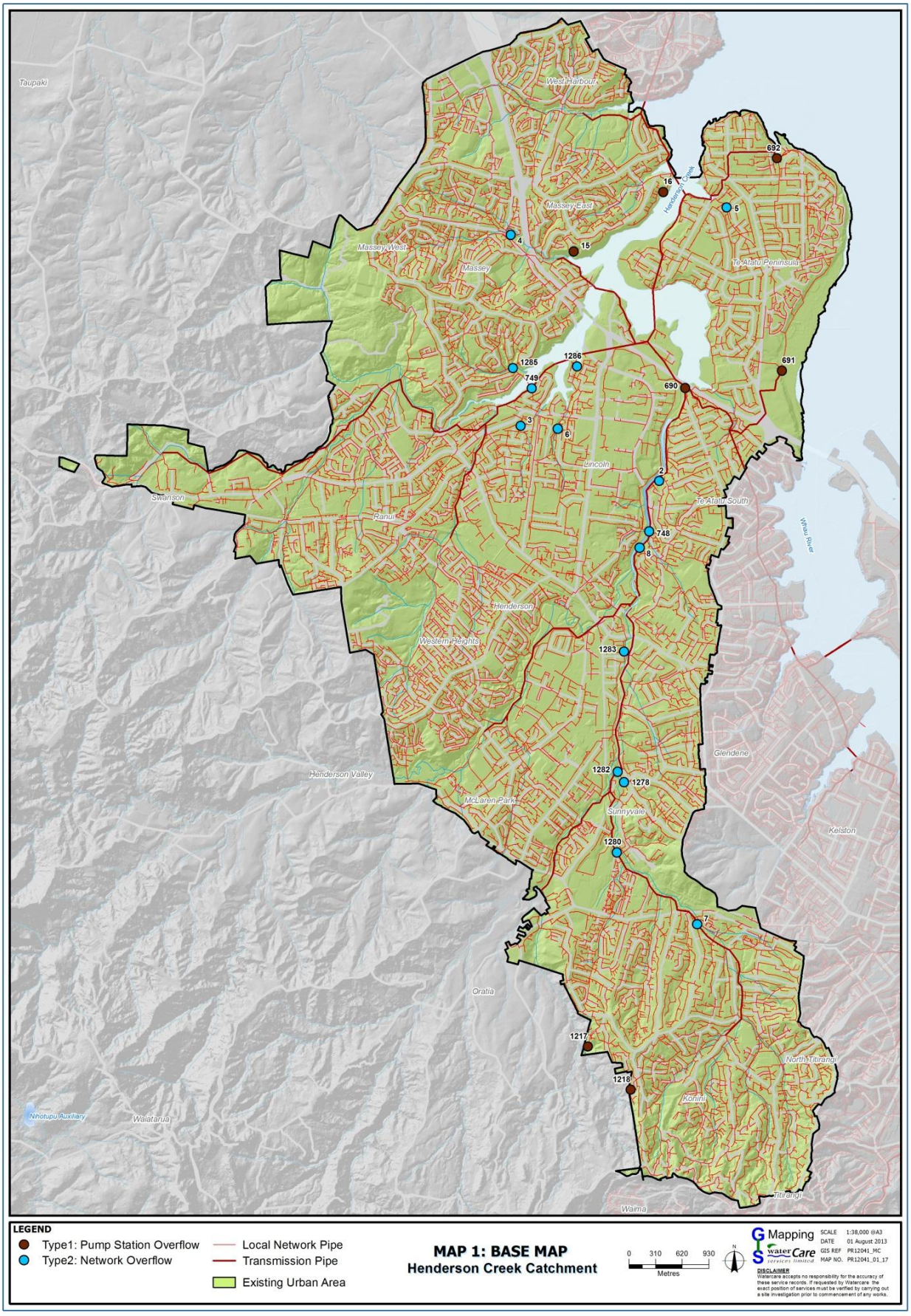

Takapuna
Takapuna Beach
Hauraki
Saint Leonards Beach
860
886
Belmont
Narrow Neck Beach
848
Narrow Neck
Bayswater
Ngataringa Bay
Vauxhall
1226
Cheltenham Beach
Cheltenham
Stanley Bay
Stanley Bay
949
Torpedo Bay
Ducks Beach
879
Devonport Beach
LEGEND
Type1: Pump Station Overflow
Type2: Network Overflow
Local Network Pipe
Transmission Pipe
Existing Urban Area
MAP 1: BASE MAP
Devonport-Takapuna Catchment
0 130 260 390
Metres
N
GIS Mapping
Watercare services limited
SCALE 1:16,000 @A3
DATE 01 August 2013
GIS REF PR12041_MC
MAP NO. PR12041_01_12
DISCLAIMER
Watercare accepts no responsibility for the accuracy of these service records. If requested by Watercare the exact position of services must be verified by carrying out a site investigation prior to commencement of any works.

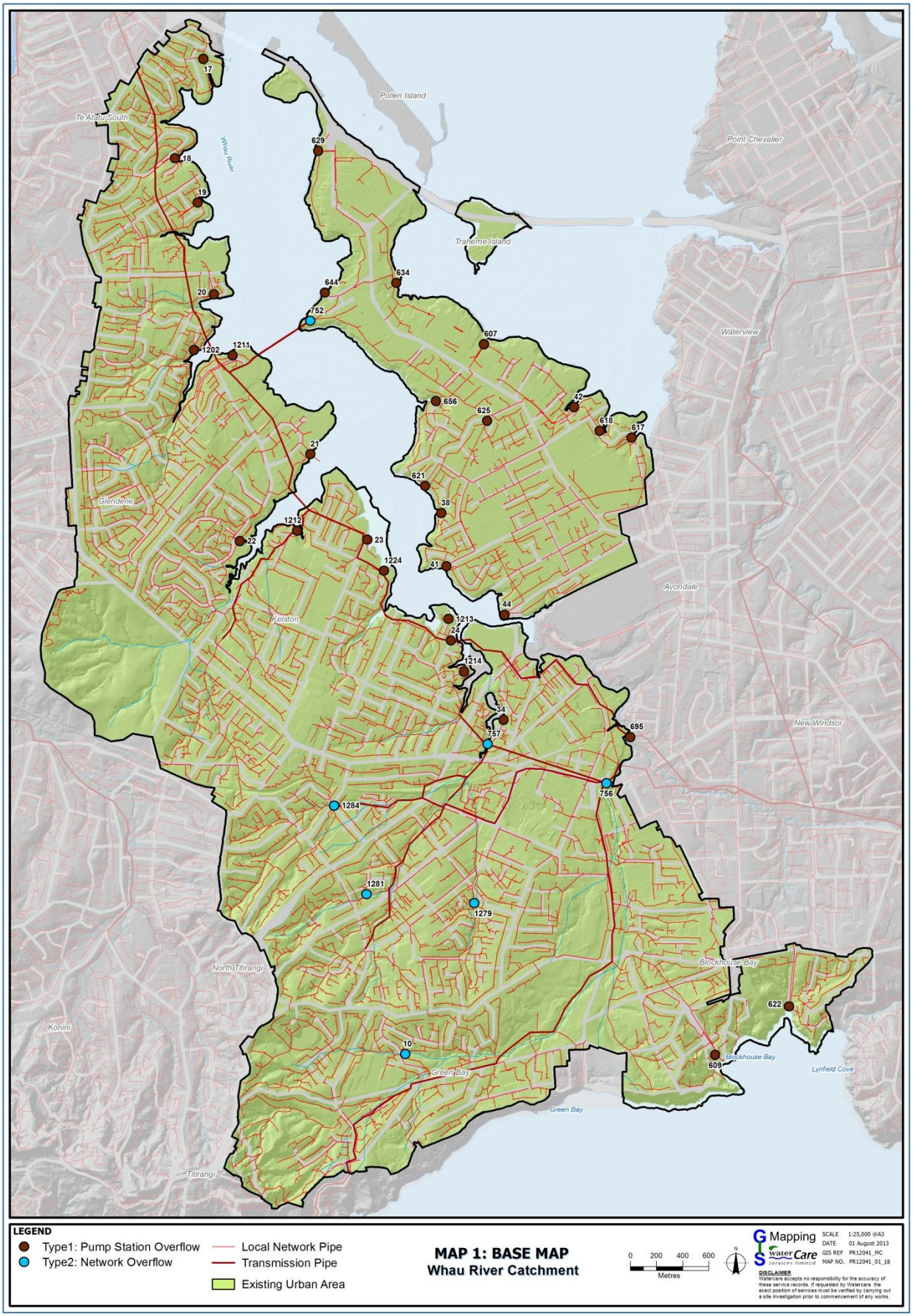

Marlborough
Hillcrest
Takapuna
Takapuna Beach
Hauraki
Saint Leonards Beach
Northcote Central
City of Cork Beach
Shoal Bay
Belmont
Highbury
Birkenhead
Chatswood
Narrow Neck Beach
Narrow Neck
Bayswater
Sulphur Beach
Halls Beach
Chelsea Bay
Little Shoal Bay
Ngataringa Bay
Vauxhall
Stanley Bay
Duders Beach
907
908
906
852
899
898
846
851
948
830
890
843
841
842
889
861
863
887
888
837
829
885
884
839
883
849
905
881
904
840
838
836
880
847
LEGEND
Type1: Pump Station Overflow
Type2: Network Overflow
Local Network Pipe
Transmission Pipe
Existing Urban Area
MAP 1: BASE MAP
Shoal Bay Catchment
0
240
480
720
Metres
N
Mapping
Water Care
SCALE 1:23,000 @A3
DATE 01 August 2013
GIS REF PR12041_MC
MAP NO. PR12041_01_13
DISCLAIMER
Watercare accepts no responsibility for the accuracy of these service records. If requested by Watercare the exact position of services must be verified by carrying out a site investigation prior to commencement of any works.

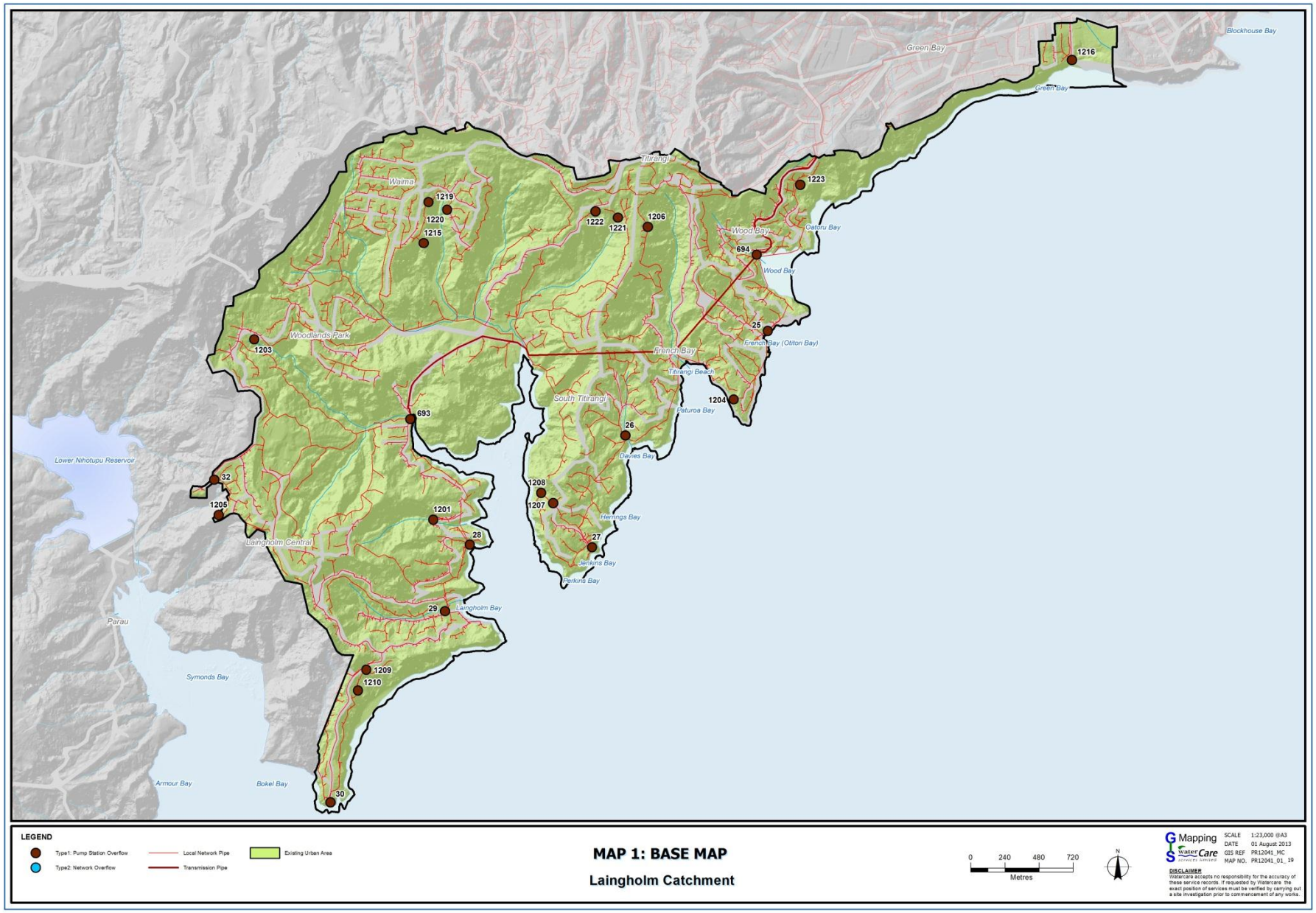

Albany Heights
Northcross
945
Albany Village
Albany
Pinehill
878
1232
923
944
876
North Harbour
826
934
Lucas Creek
920
946
1234
Cuthill
Sunnynook
877
926
1231
874
927
Waiwhiti
1241
926
925
924
Sunset Bay
Mariborough
Hillcrest
LEGEND
Type1: Pump Station Overflow
Type2: Network Overflow
Local Network Pipe
Transmission Pipe
Existing Urban Area
MAP 1: BASE MAP
Upper Harbour North Catchment
0 220 440 660
Metres
N
GIS Mapping
watercare services limited
SCALE 1:27,000 @A3
DATE 01 August 2013
GIS REF PR12041_MC
MAP NO. PR12041_01_14
DISCLAIMER
Watercare accepts no responsibility for the accuracy of these service records. If requested by Watercare the exact position of services must be verified by carrying out a site investigation prior to commencement of any works.

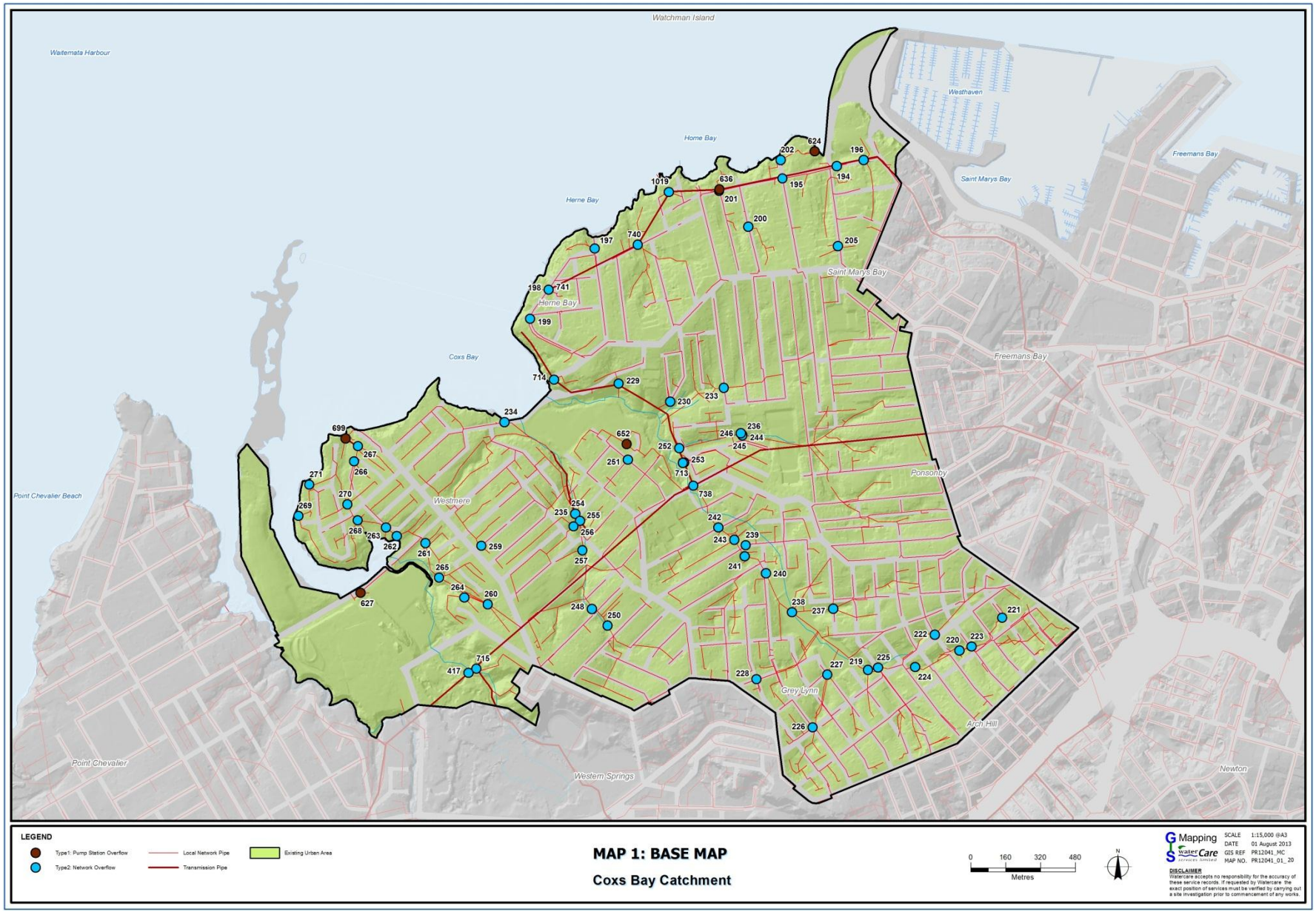

930
917
1443
Waiwhi
862
Sunset Bay
844
903
902
Beach Haven
Catalina Bay
901
Birkdale
Bomb Bay
943
1441
1442
Nimrod Inlet
900
Charcoal Bay
Brickbat Bay
897
894
893
856
Island Bay
891
Highbury
Birkenhead
Chatswood
Soldiers Bay
Fitzpatrick Bay
Chelsea Bay
Onetaunga Bay
LEGEND
Type1: Pump Station Overflow
Type2: Network Overflow
Local Network Pipe
Transmission Pipe
Existing Urban Area
MAP 1: BASE MAP
Upper Harbour South Catchment
0 160 320 480
Metres
N
Mapping
waterCare services limited
SCALE 1:20,000 @A3
DATE 01 August 2013
GIS REF PR12041_MC
MAP NO. PR12041_01_15
DISCLAIMER
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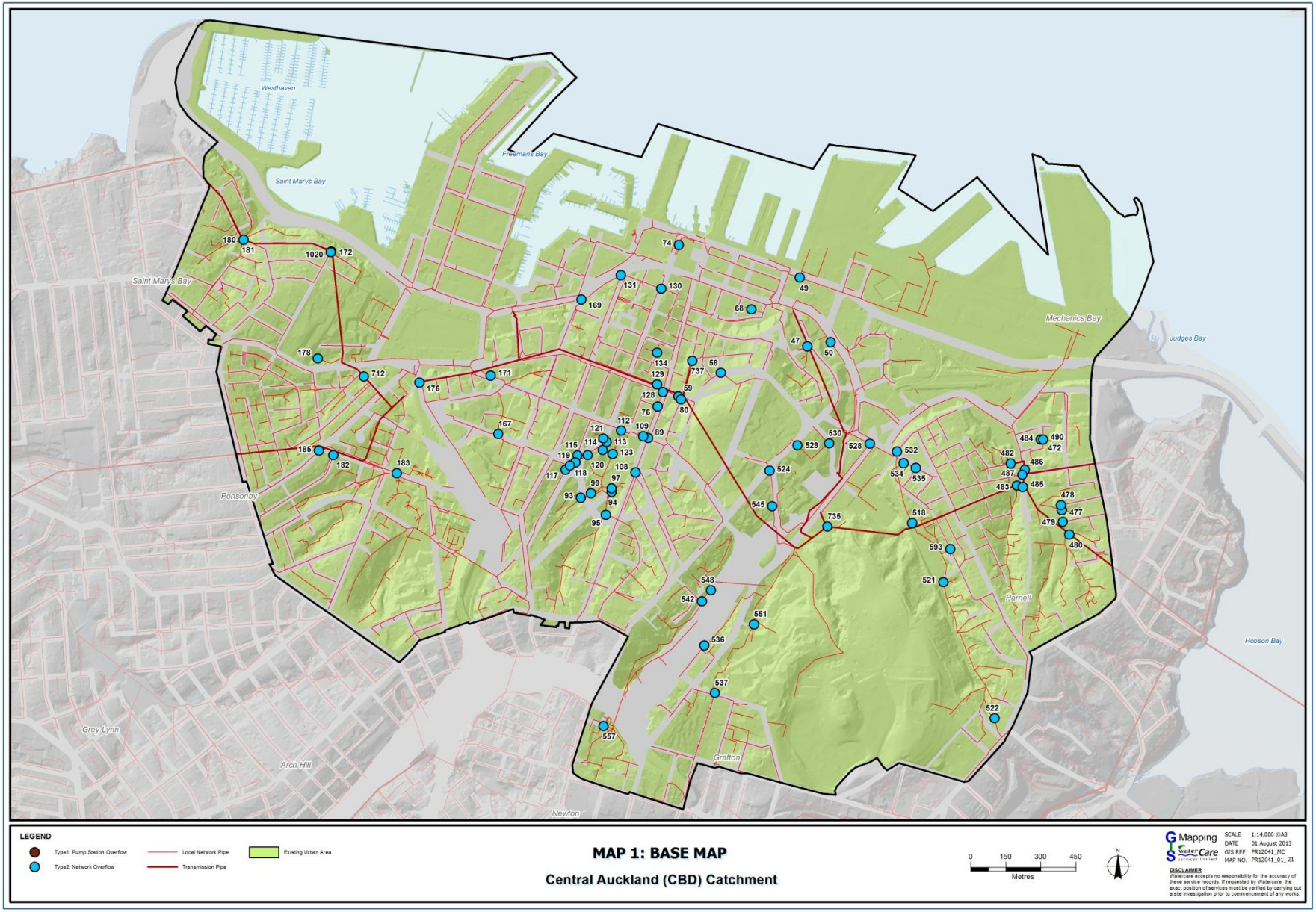

Riverhead
Paremoremo
Lucas Creek
Greenhithe
Christmas Beach
Herald Island
Kowhai Beach
Te Oko nk Inlet
Wallace Inlet
Catalina Bay
Bomb Bay
Nimrod Inlet
Brickbat Bay
Hobsonville
Limeburners Bay
Waipareira Bay
Whenuapai
Kotukutuku Inlet
Te Tuterenga Inlet
Waiarohia Inlet
West Harbour
Massey East
Massey West
Massey
Te Atatu Peninsula
Henderson Creek
Lincoln
N25
N26
N27
N28
N29
N31
N32
N33
N34
N35
N36
N37
N38
N39
N40
N41
N42
N43
N44
N45
1274
1275
12
13
14
31
33
LEGEND
Type1: Pump Station Overflow
Type2: Network Overflow
Proposed Future Overflow Location
Indicative Future Urban Area
Local Network Pipe
Transmission Pipe
Existing Urban Area
MAP 1: BASE MAP
Upper Harbour West Catchment
0 275 550 825
Metres
N
GIS Mapping
Watercare services limited
SCALE 1:34,000 @A3
DATE 11 February 2014
GIS REF PR12041_MC
MAP NO. PR12041_01_16
DISCLAIMER
Watercare accepts no responsibility for the accuracy of these service records. If requested by Watercare the exact position of services must be verified by carrying out a site investigation prior to commencement of any works.

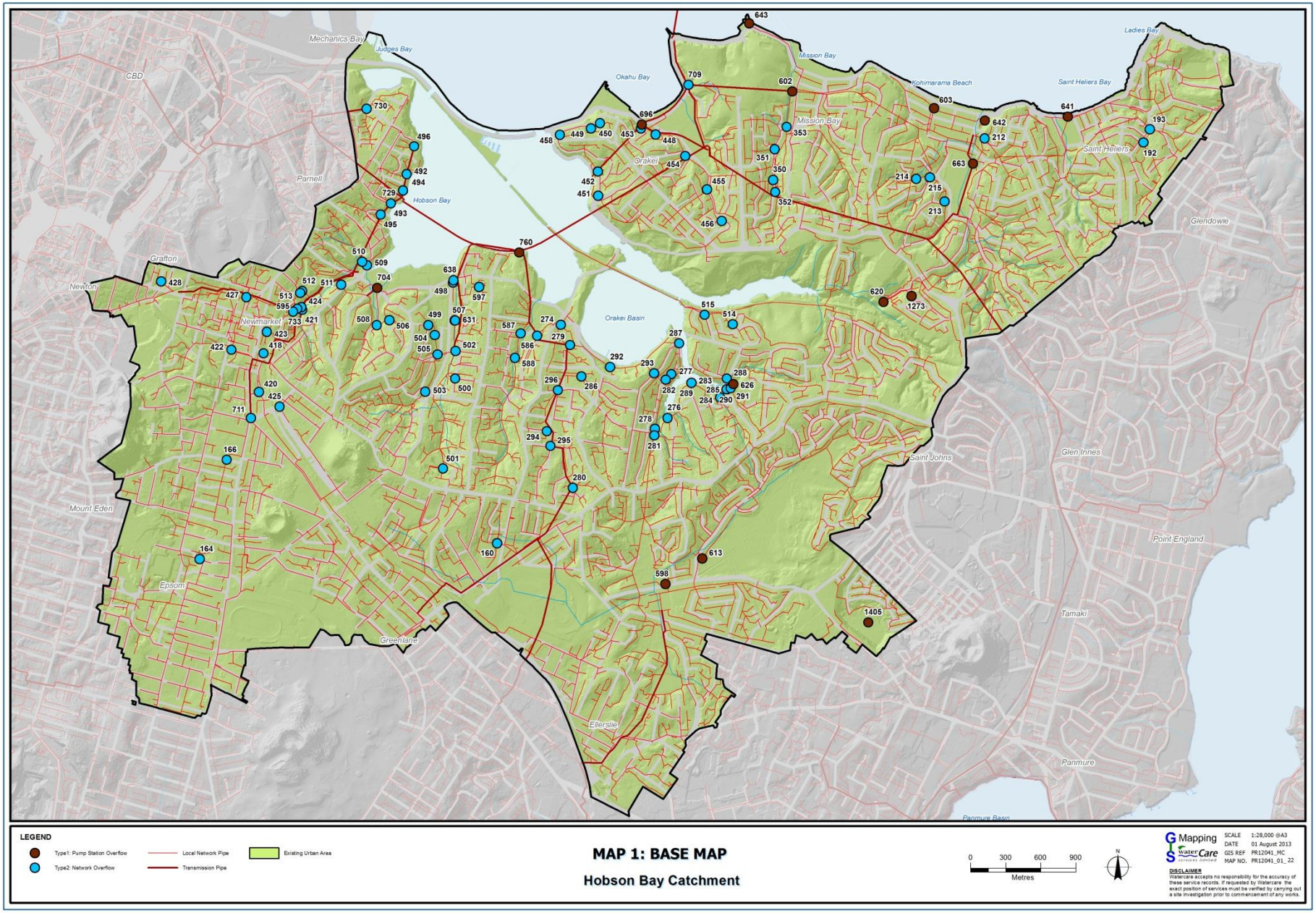

Taupaki
West Harbour
Massey East
Massey West
Massey
Te Atatu Peninsula
Te Atatu South
Lincoln
Swanson
Ranui
Henderson
Western Heights
Henderson Valley
McLaren Park
Sunnyvale
Glendene
Kelston
Oratia
North Titirangi
Konini
Titirangi
Waima
Waitarua
Ninotupu Auxiliary
Whau River
Henderson Creek
692
16
5
4
15
691
1286
1285
749
690
3
6
2
748
8
1283
1282
1278
1280
7
1217
1218
LEGEND
Type1: Pump Station Overflow
Type2: Network Overflow
Local Network Pipe
Transmission Pipe
Existing Urban Area
MAP 1: BASE MAP
Henderson Creek Catchment
0 310 620 930
Metres
N
GIS Mapping
water Care services limited
SCALE 1:38,000 @A3
DATE 01 August 2013
GIS REF PR12041_MC
MAP NO. PR12041_01_17
DISCLAIMER
Watercare accepts no responsibility for the accuracy of these service records. If requested by Watercare the exact position of services must be verified by carrying out a site investigation prior to commencement of any works.


Pollen Island
Te Atatu South
Point Chevalier
Traherne Island
Waterview
Glendene
Kelston
Avondale
New Windsor
Blockhouse Bay
North Titirangi
Konini
Green Bay
Lynfield Cove
Titirangi
Whau River
17
18
19
20
629
644
634
752
607
1202
1211
656
625
42
618
617
21
621
38
1212
22
23
1224
41
44
1213
24
1214
34
757
695
756
1284
1281
1279
622
10
609
LEGEND
Type1: Pump Station Overflow
Type2: Network Overflow
Local Network Pipe
Transmission Pipe
Existing Urban Area
MAP 1: BASE MAP
Whau River Catchment
0 200 400 600
Metres
N
GIS Mapping
Watercare services limited
SCALE 1:25,000 @A3
DATE 01 August 2013
GIS REF PR12041_MC
MAP NO. PR12041_01_18
DISCLAIMER
Watercare accepts no responsibility for the accuracy of these service records. If requested by Watercare the exact position of services must be verified by carrying out a site investigation prior to commencement of any works.


Blockhouse Bay
Green Bay
1216
Green Bay
Titirangi
Waima
1219
1220
1215
1222
1221
1206
1223
Wood Bay
Oaktru Bay
694
Wood Bay
25
French Bay (Otitori Bay)
Woodlands Park
1203
French Bay
Titirangi Beach
South Titirangi
1204
Peturoa Bay
693
26
Davies Bay
Lower Nihotupu Reservoir
32
1205
1208
1207
Herrings Bay
1201
28
27
Laingholm Central
Jenkins Bay
Perkins Bay
29
Laingholm Bay
Parau
1209
1210
Symonds Bay
Armour Bay
Bokel Bay
30
LEGEND
Type1: Pump Station Overflow
Type2: Network Overflow
Local Network Pipe
Transmission Pipe
Existing Urban Area
MAP 1: BASE MAP
Laingholm Catchment
0
240
480
720
Metres
N
Mapping
Water Care
SCALE 1:23,000 @A3
DATE 01 August 2013
GIS REF PR12041_MC
MAP NO. PR12041_01_19
DISCLAIMER
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Watchman Island
Waitemata Harbour
Westhaven
Home Bay
Freemans Bay
Saint Marys Bay
Herne Bay
Coxs Bay
Ponsonby
Point Chevalier Beach
Westmere
Grey Lynn
Arch Hill
Point Chevalier
Western Springs
Newton
LEGEND
Type1: Pump Station Overflow
Type2: Network Overflow
Local Network Pipe
Transmission Pipe
Existing Urban Area
MAP 1: BASE MAP
Coxs Bay Catchment
0 160 320 480
Metres
N
Mapping
Watercare services limited
SCALE 1:15,000 @A3
DATE 01 August 2013
GIS REF PR12041_MC
MAP NO. PR12041_01_ 20
DISCLAIMER
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Westhaven
Freemans Bay
Saint Marys Bay
Saint Marys Bay
Mechanics Bay
Judges Bay
Ponsonby
Parnell
Hobson Bay
Grey Lynn
Arch Hill
Grafton
Newton
180
181
1020
172
74
131
130
49
169
68
47
50
178
712
176
171
134
737
58
129
59
128
80
76
167
112
109
89
121
530
529
528
532
185
182
183
119
114
113
123
115
120
108
524
534
535
484
490
472
482
486
487
485
483
478
477
479
480
117
118
99
97
93
94
95
545
735
518
593
521
548
542
551
536
537
557
522
LEGEND
Type1: Pump Station Overflow
Type2: Network Overflow
Local Network Pipe
Transmission Pipe
Existing Urban Area
MAP 1: BASE MAP
Central Auckland (CBD) Catchment
0
150
300
450
Metres
N
GIS Mapping
water Care services limited
SCALE 1:14,000 @A3
DATE 01 August 2013
GIS REF PR12041_MC
MAP NO. PR12041_01_21
DISCLAIMER
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LEGEND

Type1: Pump Station Overflow
Type2: Network Overflow
Local Network Pipe
Transmission Pipe
Existing Urban Area

MAP 1: BASE MAP

Hobson Bay Catchment

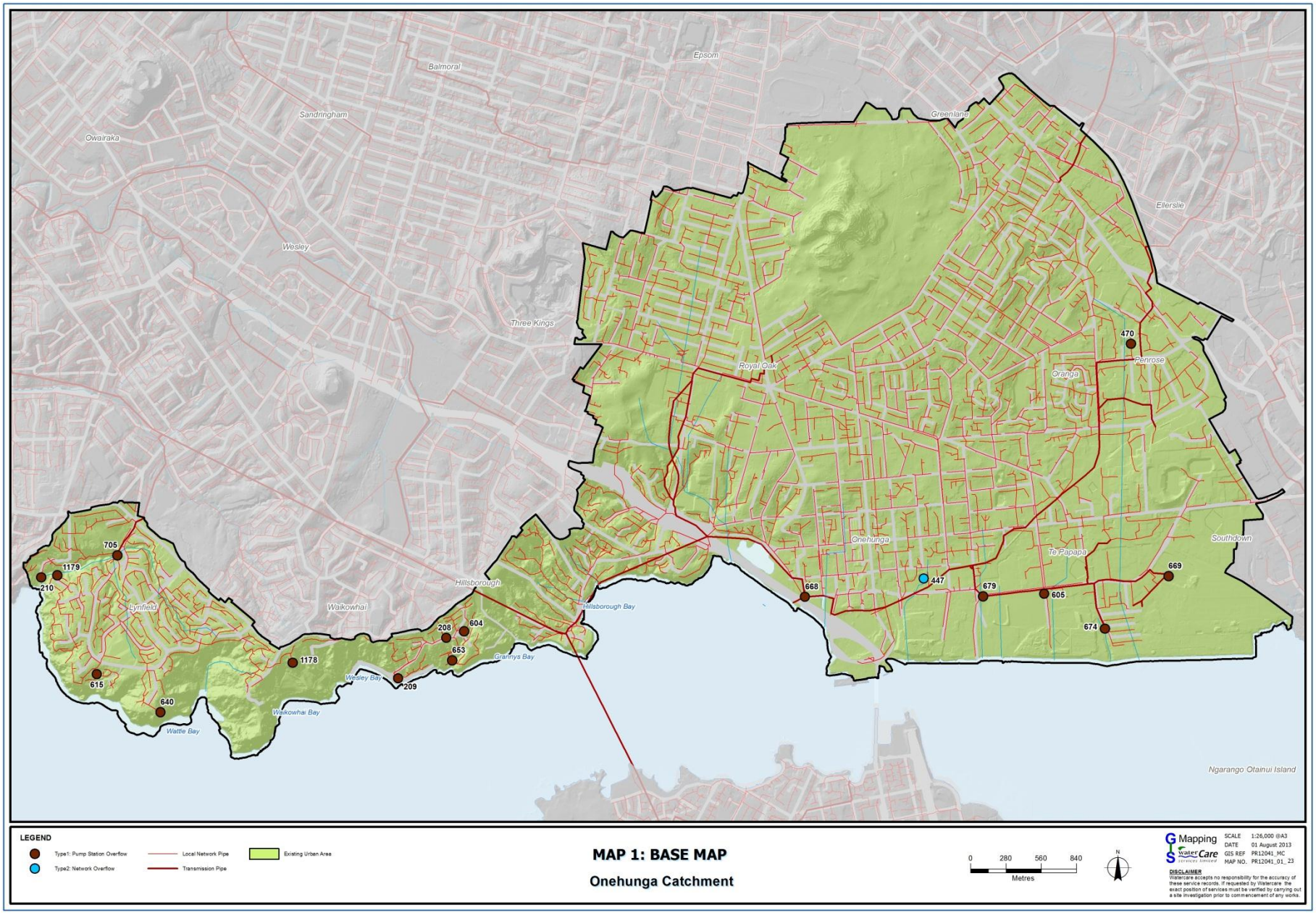
0 300 600 900
Metres

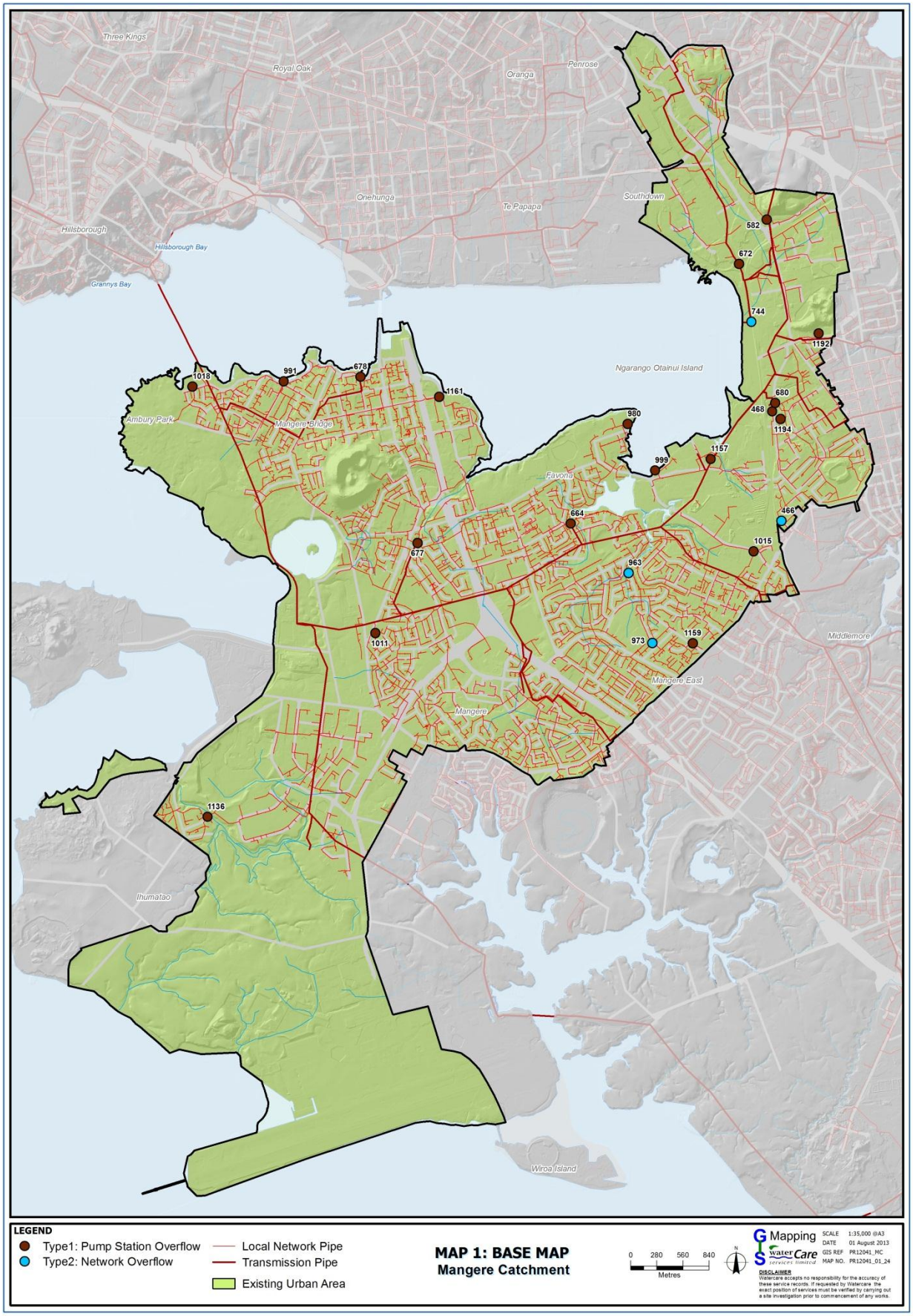
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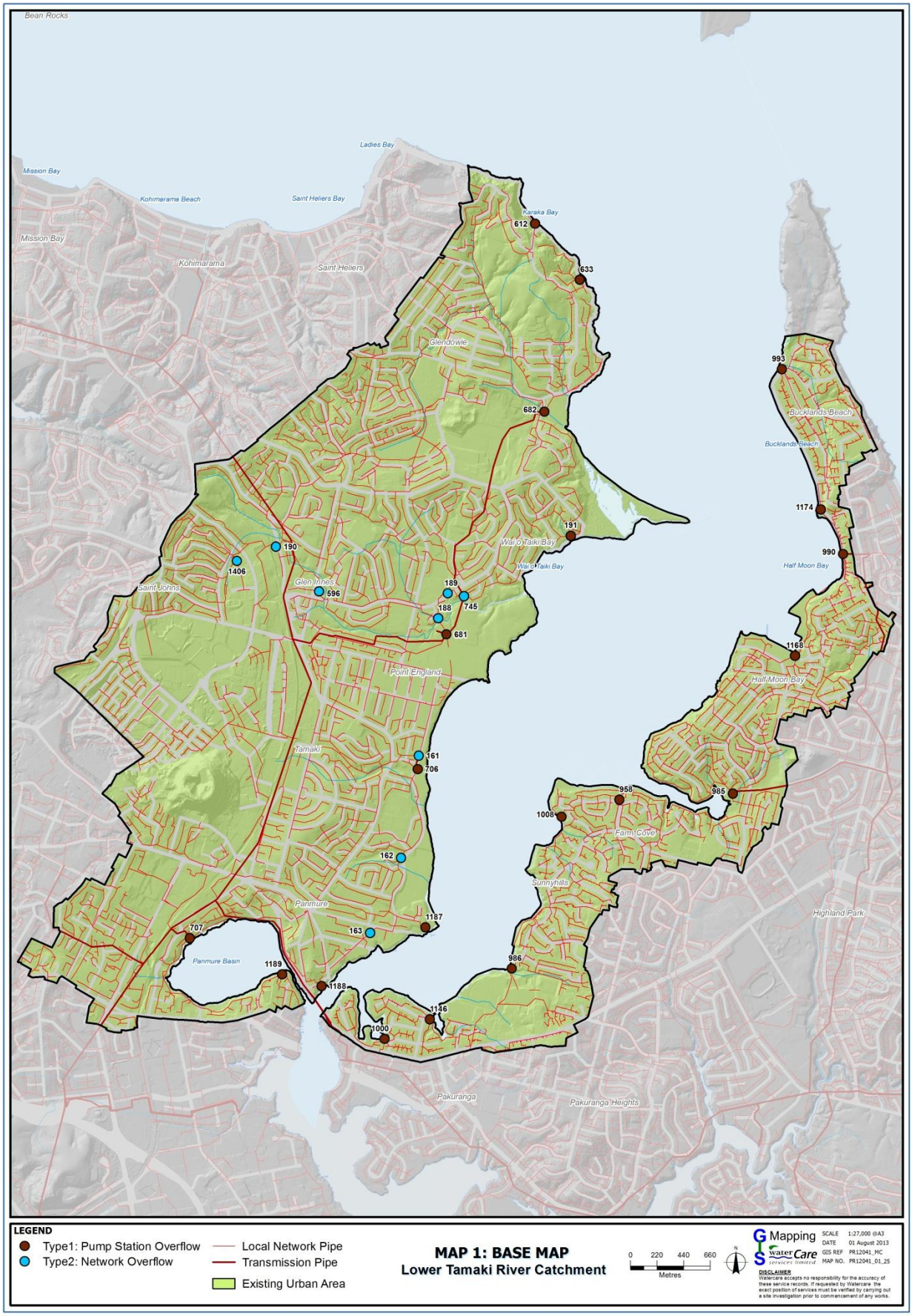
GIS Mapping
WaterCare services limited

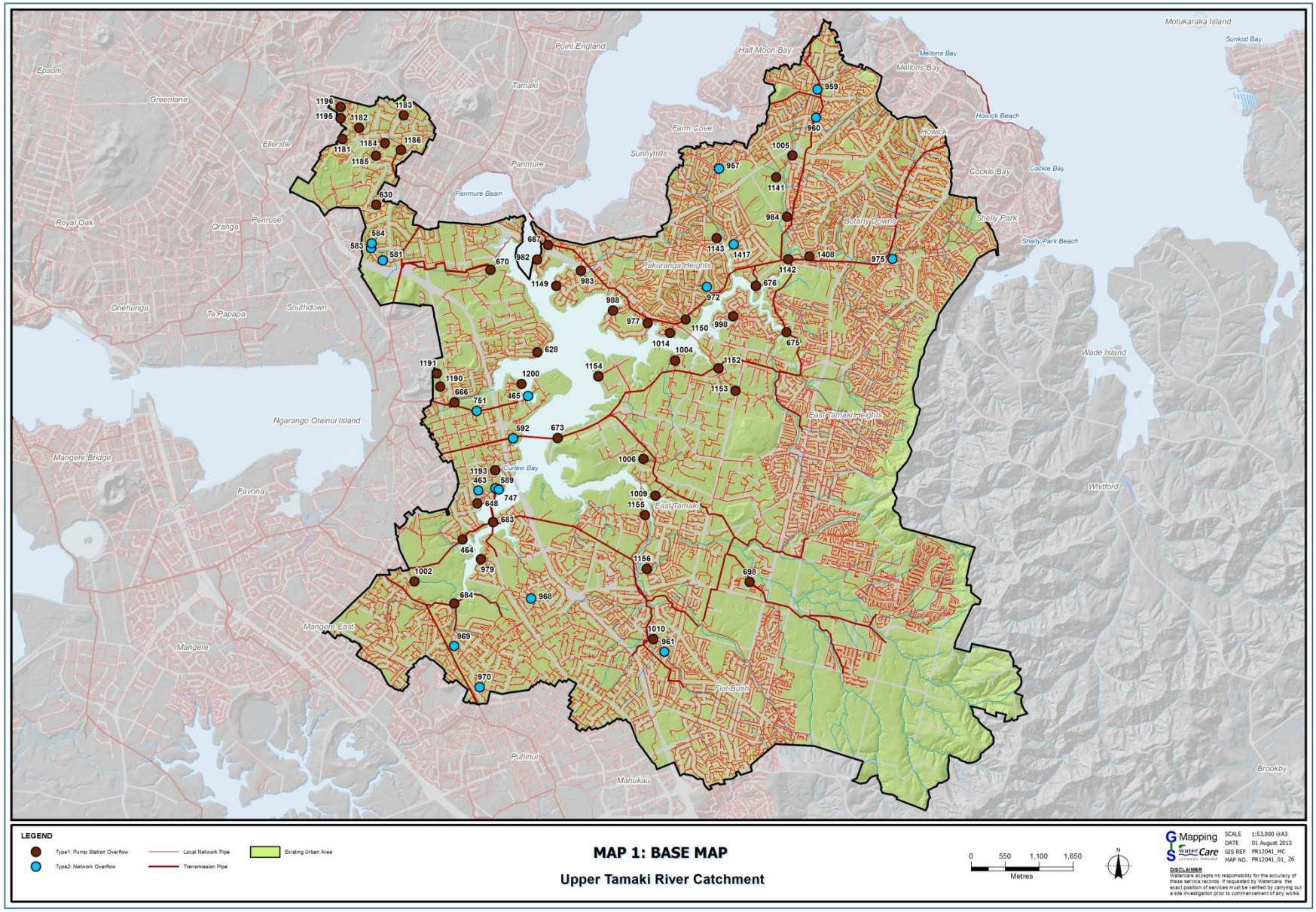
SCALE 1:28,000 @A3
DATE 01 August 2013
GIS REF PR12041_MC
MAP NO. PR12041_01_22

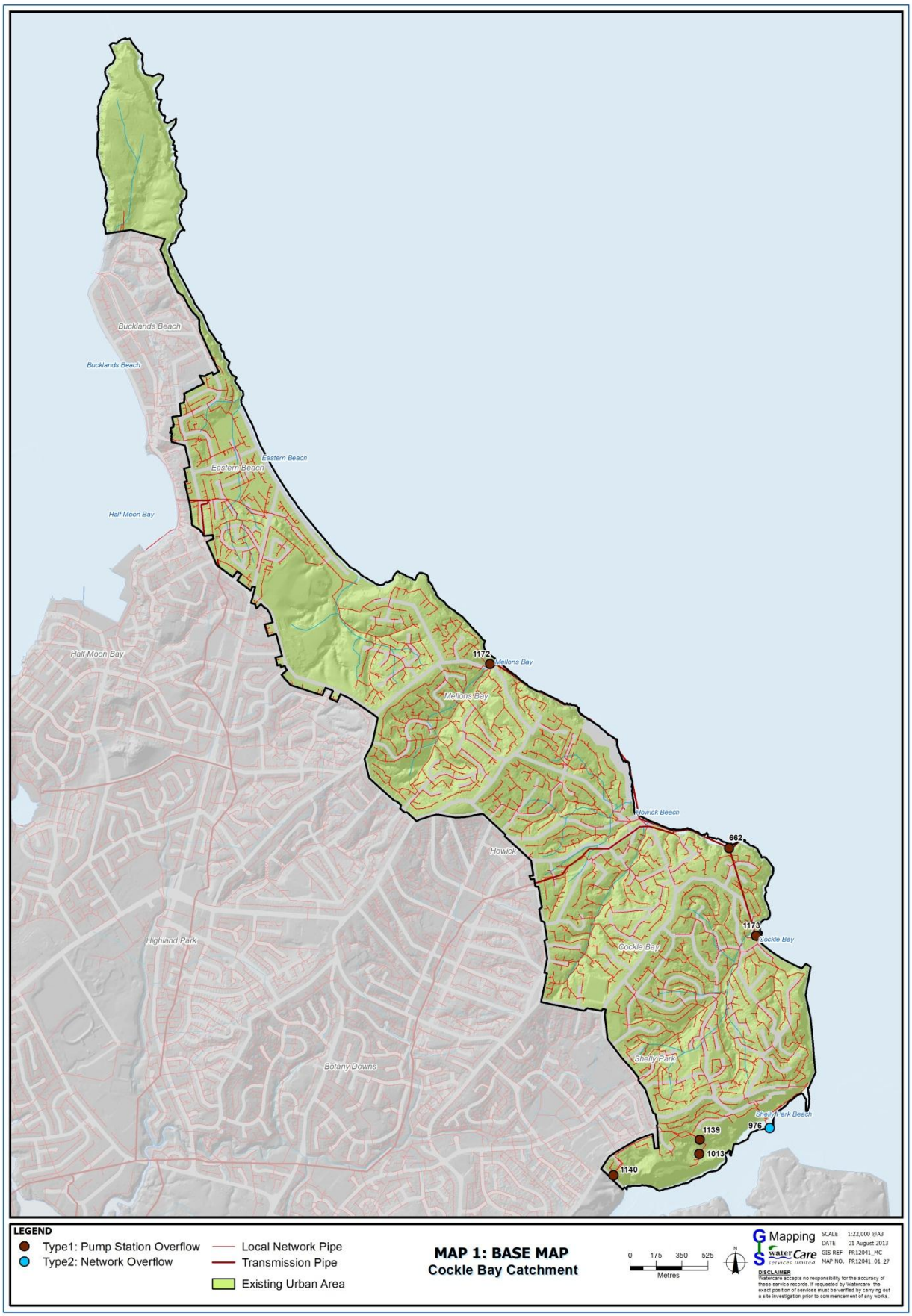
DISCLAIMER
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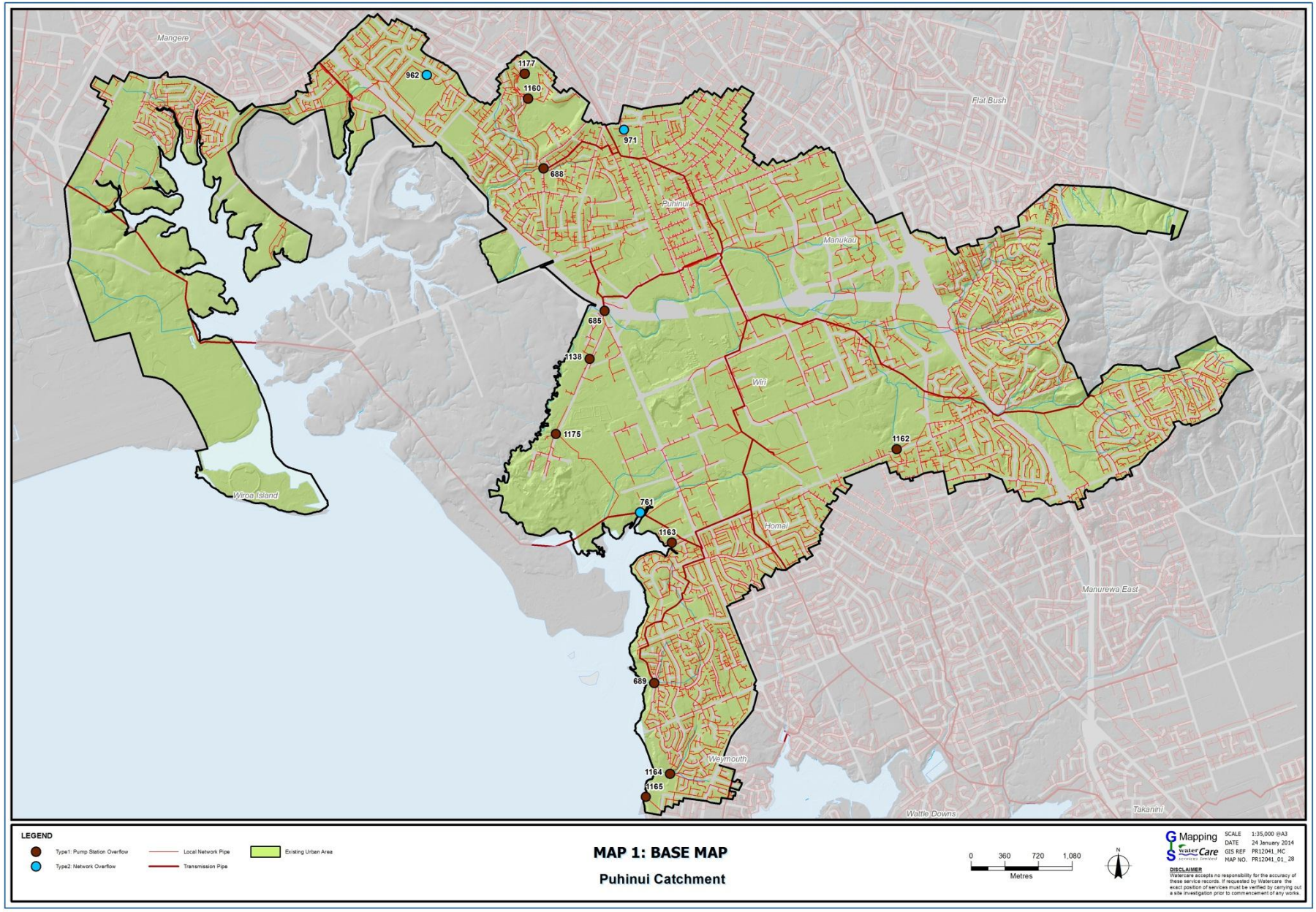

Balmoral
Epsom
Sandringham
Greenlane
Owairaka
Ellerslie
Wesley
Three Kings
Royal Oak
Penrose
Orange
Onehunga
Southdown
Te Papapa
Hillsborough
Waikowhai
Hillsborough Bay
Lynfield
Grannys Bay
Wesley Bay
Waikowhai Bay
Wattle Bay
Ngarango Otainui Island
705
1179
210
208
604
653
1178
615
209
640
470
668
447
679
605
669
674
LEGEND
Type1: Pump Station Overflow
Type2: Network Overflow
Local Network Pipe
Transmission Pipe
Existing Urban Area
MAP 1: BASE MAP
Onehunga Catchment
0 280 560 840
Metres
N
Mapping
Water Care services limited
SCALE 1:26,000 @A3
DATE 01 August 2013
GIS REF PR12041_MC
MAP NO. PR12041_01_ 23
DISCLAIMER
Watercare accepts no responsibility for the accuracy of these service records. If requested by Watercare the exact position of services must be verified by carrying out a site investigation prior to commencement of any works.

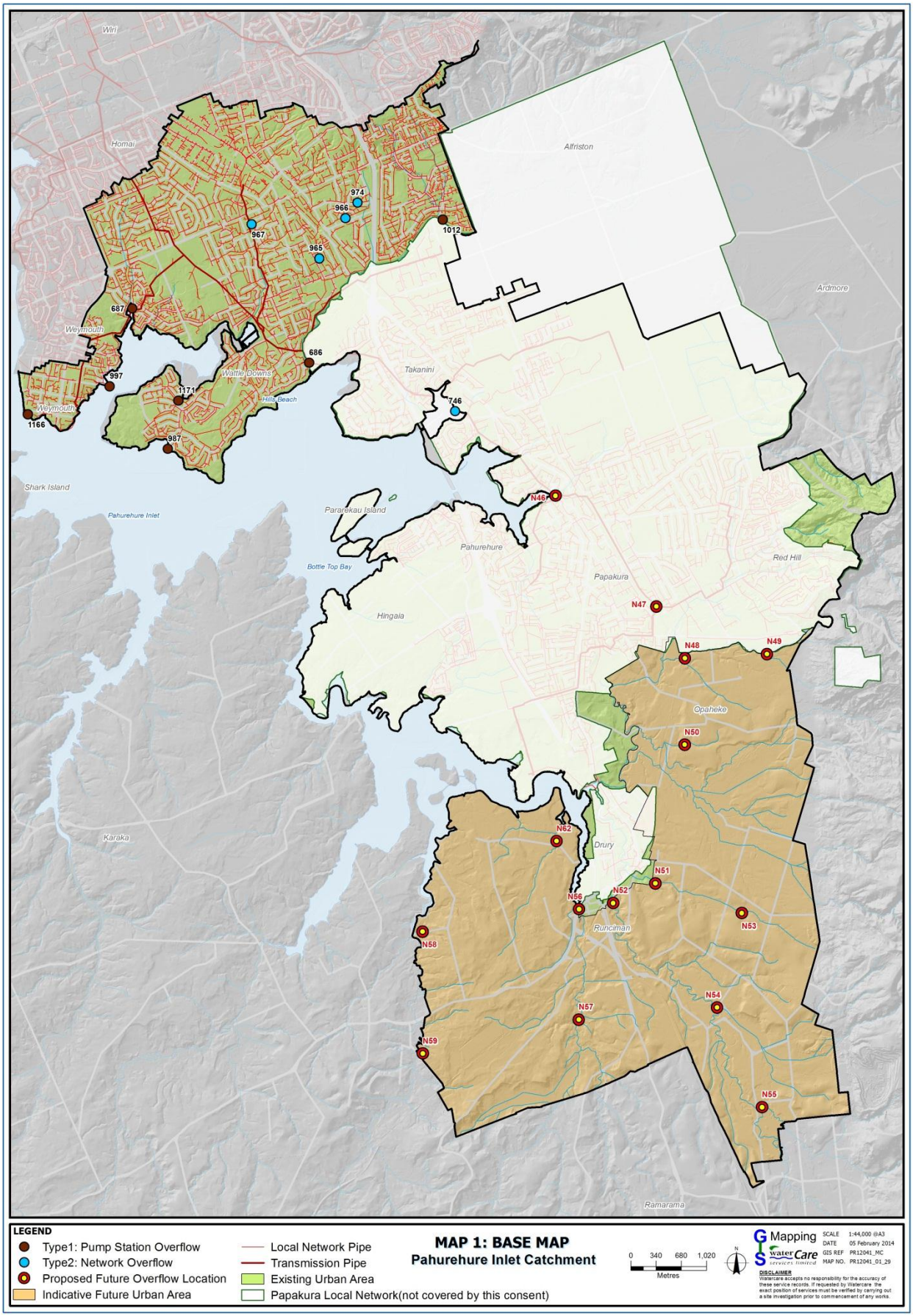

Three Kings
Royal Oak
Oranga
Penrose
Onehunga
Te Papapa
Southdown
Hillsborough
Hillsborough Bay
Grannys Bay
Ngarangi Otainui Island
Ambury Park
Mangere Bridge
Favona
Middlemore
Mangere East
Mangere
Ihumatao
Wiroa Island
582
672
744
1192
680
468
1194
1157
999
980
1161
678
991
1018
664
677
963
1015
466
1011
973
1159
1136
LEGEND
Type1: Pump Station Overflow
Type2: Network Overflow
Local Network Pipe
Transmission Pipe
Existing Urban Area
MAP 1: BASE MAP
Mangere Catchment
0 280 560 840
Metres
N
Mapping
Water Care
services limited
SCALE 1:35,000 @A3
DATE 01 August 2013
GIS REF PR12041_MC
MAP NO. PR12041_01_24
DISCLAIMER
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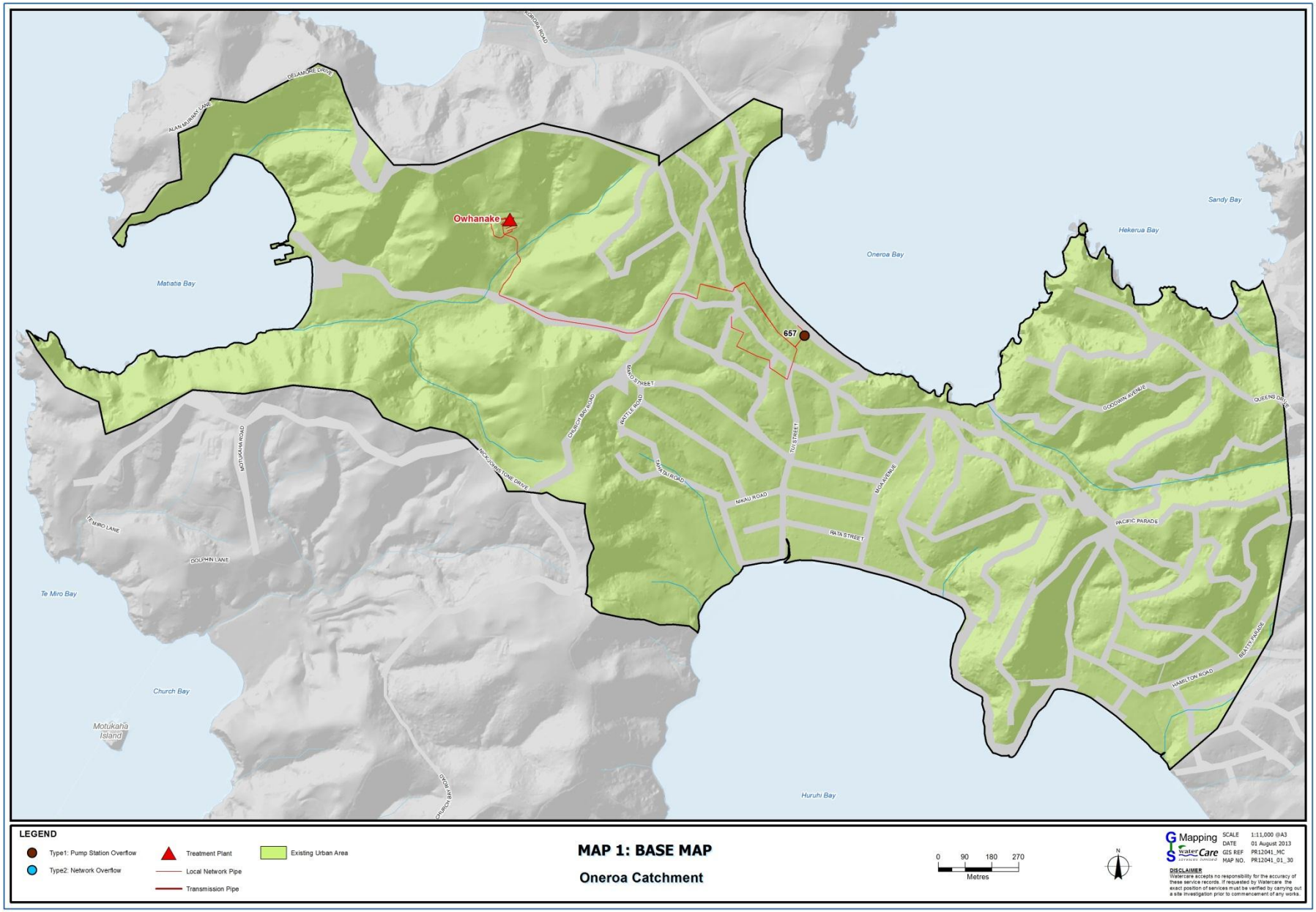

Bean Rocks
Ladies Bay
Mission Bay
Kohimarama Beach
Saint Heliers Bay
Karaka Bay
612
633
Glendowie
993
Bucklands Beach
682
1174
191
190
1406
Glen Innes
596
189
188
745
681
990
Half Moon Bay
1168
Point England
Tamaki
161
706
958
985
1008
Farm Cove
162
Sunnyhills
Panmure
1187
707
163
Highland Park
Panmure Basin
1189
1188
986
1146
1000
Pakuranga
Pakuranga Heights
LEGEND
Type1: Pump Station Overflow
Type2: Network Overflow
Local Network Pipe
Transmission Pipe
Existing Urban Area
MAP 1: BASE MAP
Lower Tamaki River Catchment
0 220 440 660
Metres
N
GIS Mapping
Watercare Services Limited
SCALE 1:27,000 @A3
DATE 01 August 2013
GIS REF PR12041_MC
MAP NO. PR12041_01_25
DISCLAIMER
Watercare accepts no responsibility for the accuracy of these service records. If requested by Watercare the exact position of services must be verified by carrying out a site investigation prior to commencement of any works.

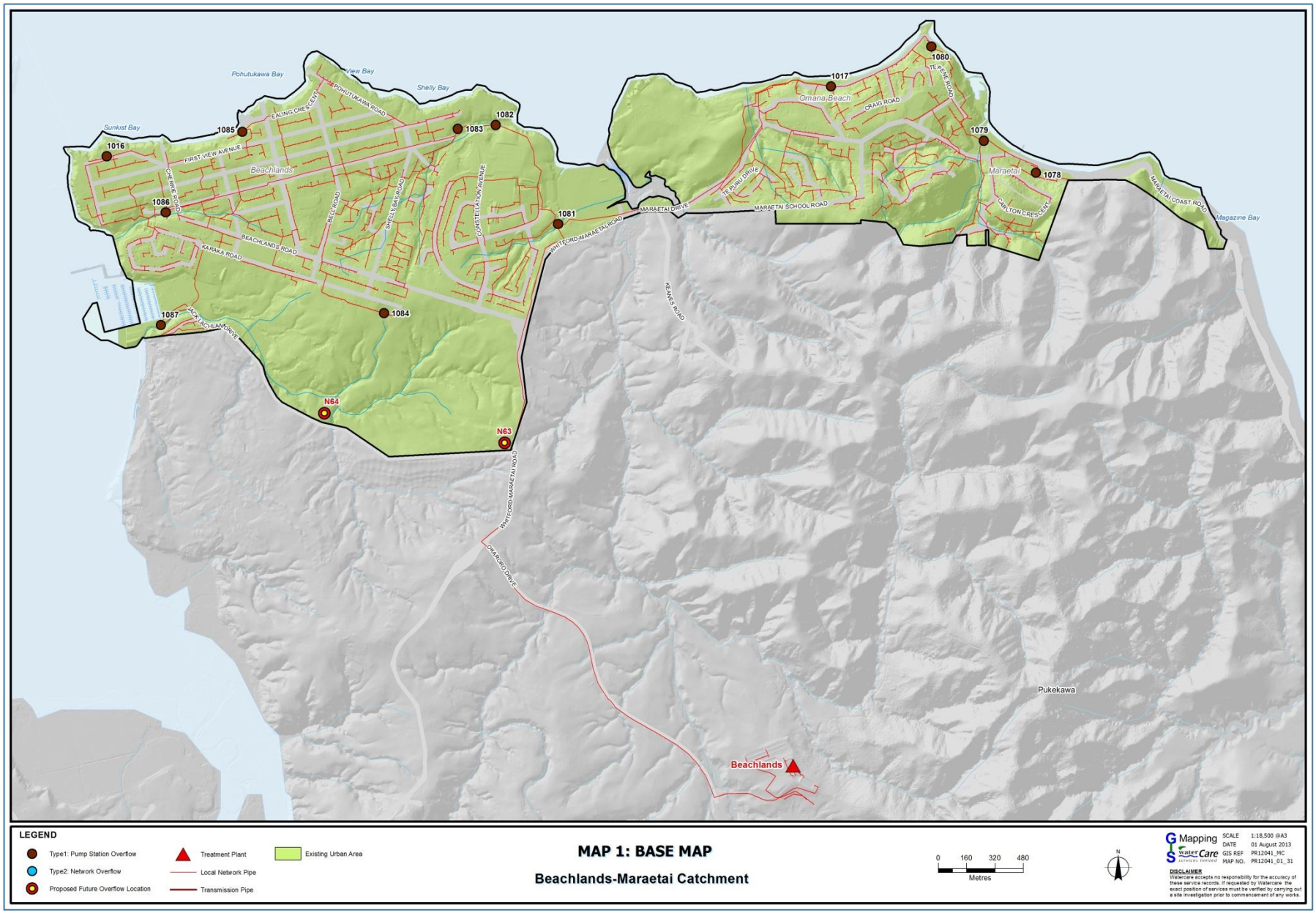

Motukaraka Island
Sunkist Bay
Point England
Half Moon Bay
Mellons Bay
Mellons Bay
Epsom
Greenlane
Tamaki
Howick Beach
Howick
Farm Cove
Sunnyhills
Panmure
Cockle Bay
Cockle Bay
Ellerslie
Panmure Basin
Royal Oak
Oranga
Penrose
Botany Downs
Shelly Park
Shelly Park Beach
Pakuranga Heights
Onehunga
Te Papapa
Southdown
Wade Island
Ngarango Otainui Island
East Tamaki Heights
Mangere Bridge
Curlew Bay
Favona
Whitford
East Tamaki
Mangere East
Mangere
Flat Bush
Puhinui
Manukau
Brookby
1196
1195
1182
1183
1184
1186
1181
1185
630
584
583
581
667
982
670
1149
983
1143
1417
1408
975
1142
676
988
977
1150
998
675
1014
1004
628
1191
1190
666
751
1200
465
1154
1152
1153
592
673
1006
1193
463
589
747
648
683
1009
1155
464
979
1156
698
1002
684
968
1010
961
969
970
959
960
1005
957
1141
984
1005
LEGEND
Type1: Pump Station Overflow
Type2: Network Overflow
Local Network Pipe
Transmission Pipe
Existing Urban Area
MAP 1: BASE MAP
Upper Tamaki River Catchment
0
550
1,100
1,650
Metres
N
GIS Mapping
Water Care
SCALE 1:53,000 @A3
DATE 01 August 2013
GIS REF PR12041_MC
MAP NO. PR12041_01_26
DISCLAIMER
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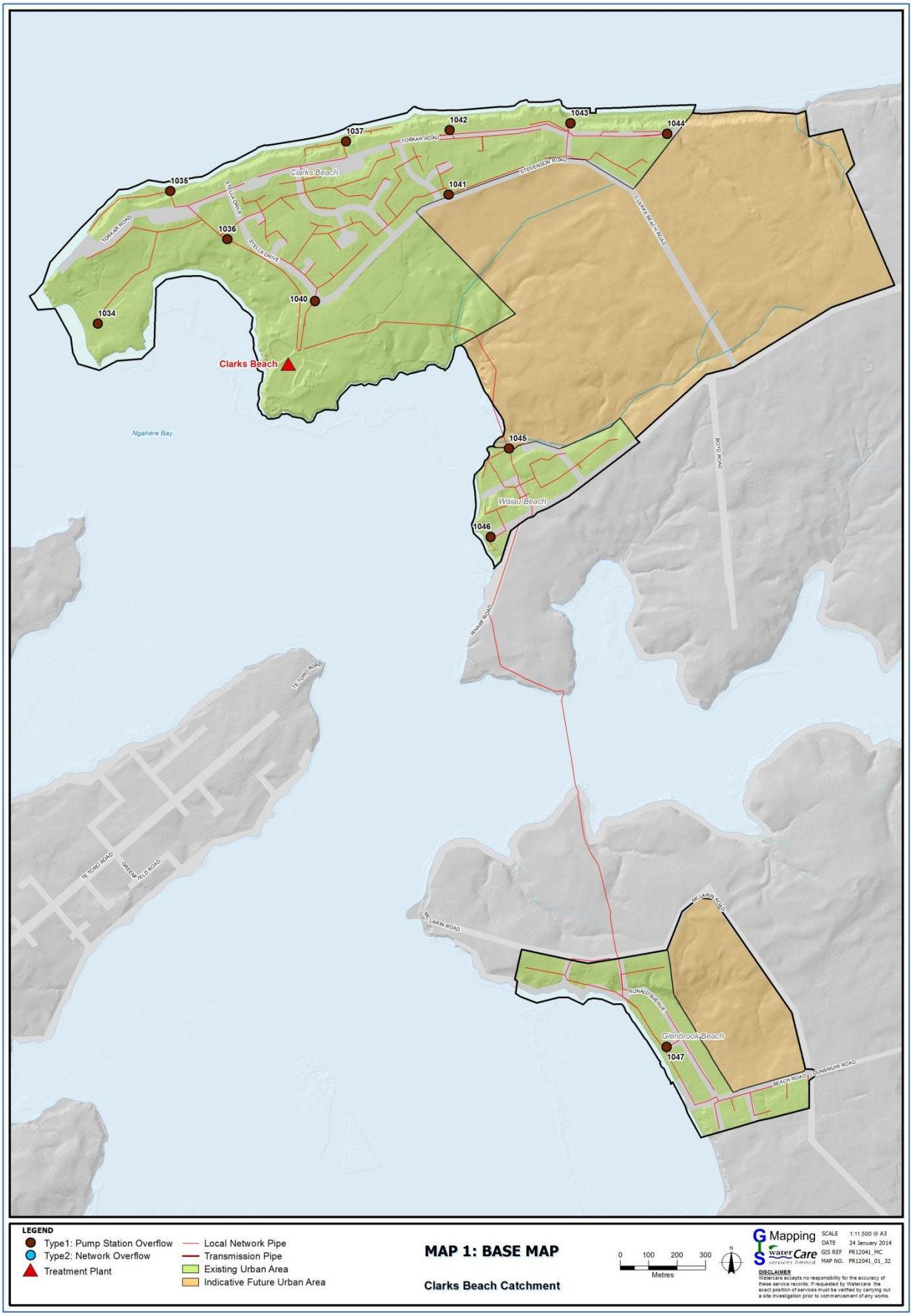

Bucklands Beach
Bucklands Beach
Eastern Beach
Eastern Beach
Half Moon Bay
Half Moon Bay
1172
Mellons Bay
Mellons Bay
Howick Beach
662
Howick
1173
Cockle Bay
Cockle Bay
Highland Park
Shelly Park
Botany Downs
Shelly Park Beach
976
1139
1013
1140
LEGEND
Type1: Pump Station Overflow
Type2: Network Overflow
Local Network Pipe
Transmission Pipe
Existing Urban Area
MAP 1: BASE MAP
Cockle Bay Catchment
0 175 350 525
Metres
N
GIS Mapping
Water Care Services Limited
SCALE 1:22,000 @A3
DATE 01 August 2013
GIS REF PR12041_MC
MAP NO. PR12041_01_27
DISCLAIMER
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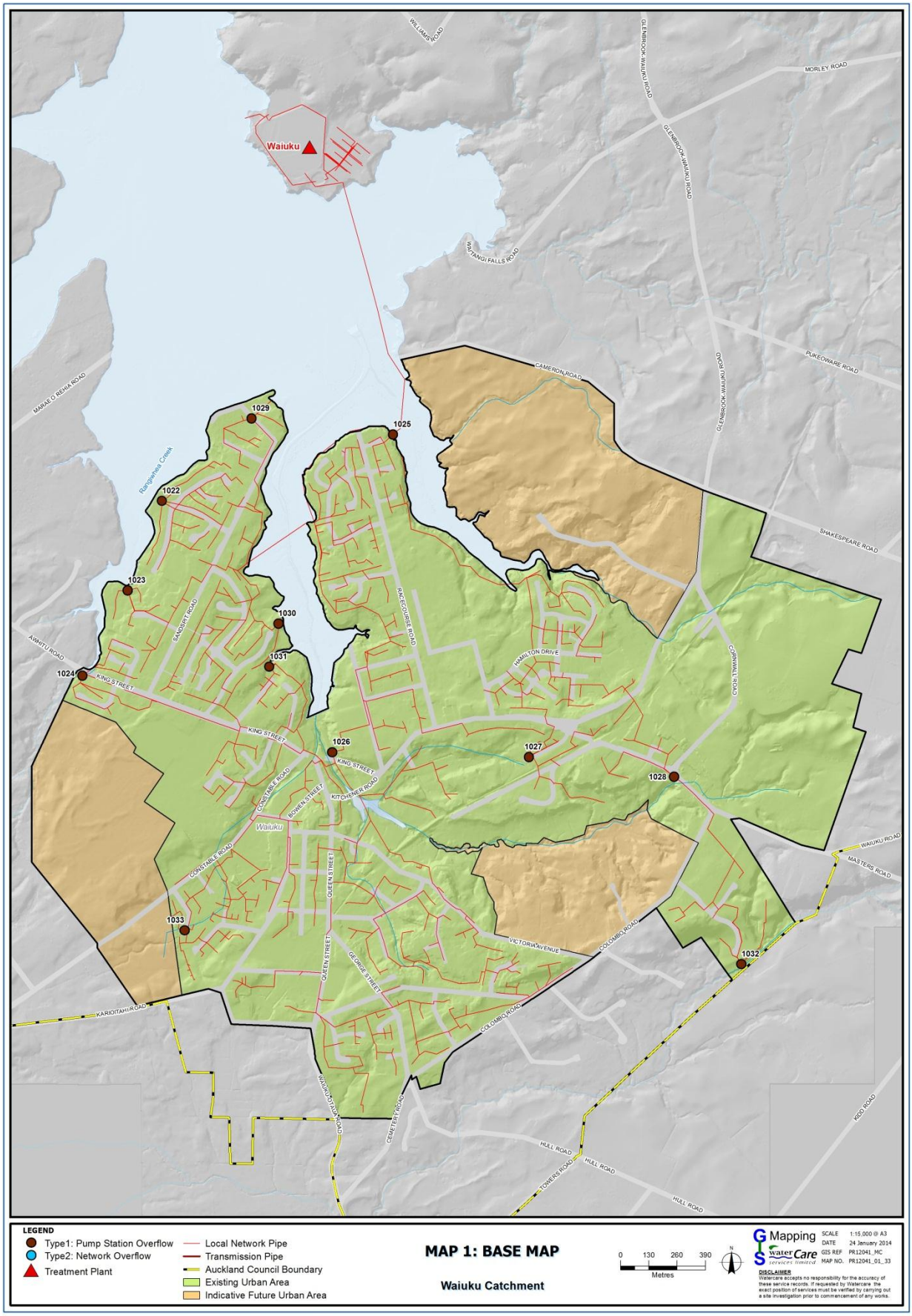

Mangere
Flat Bush
Puhinui
Manukau
Wiri
Wiroa Island
Homai
Manurewa East
Weymouth
Wattle Downs
Takanini
962
1177
1160
971
688
685
1138
1175
1162
761
1163
689
1164
1165
LEGEND
Type1: Pump Station Overflow
Type2: Network Overflow
Local Network Pipe
Transmission Pipe
Existing Urban Area
MAP 1: BASE MAP
Puhinui Catchment
0 360 720 1,080
Metres
N
GIS Mapping
Water Care
SCALE 1:35,000 @A3
DATE 24 January 2014
GIS REF PR12041_MC
MAP NO. PR12041_01_28
DISCLAIMER
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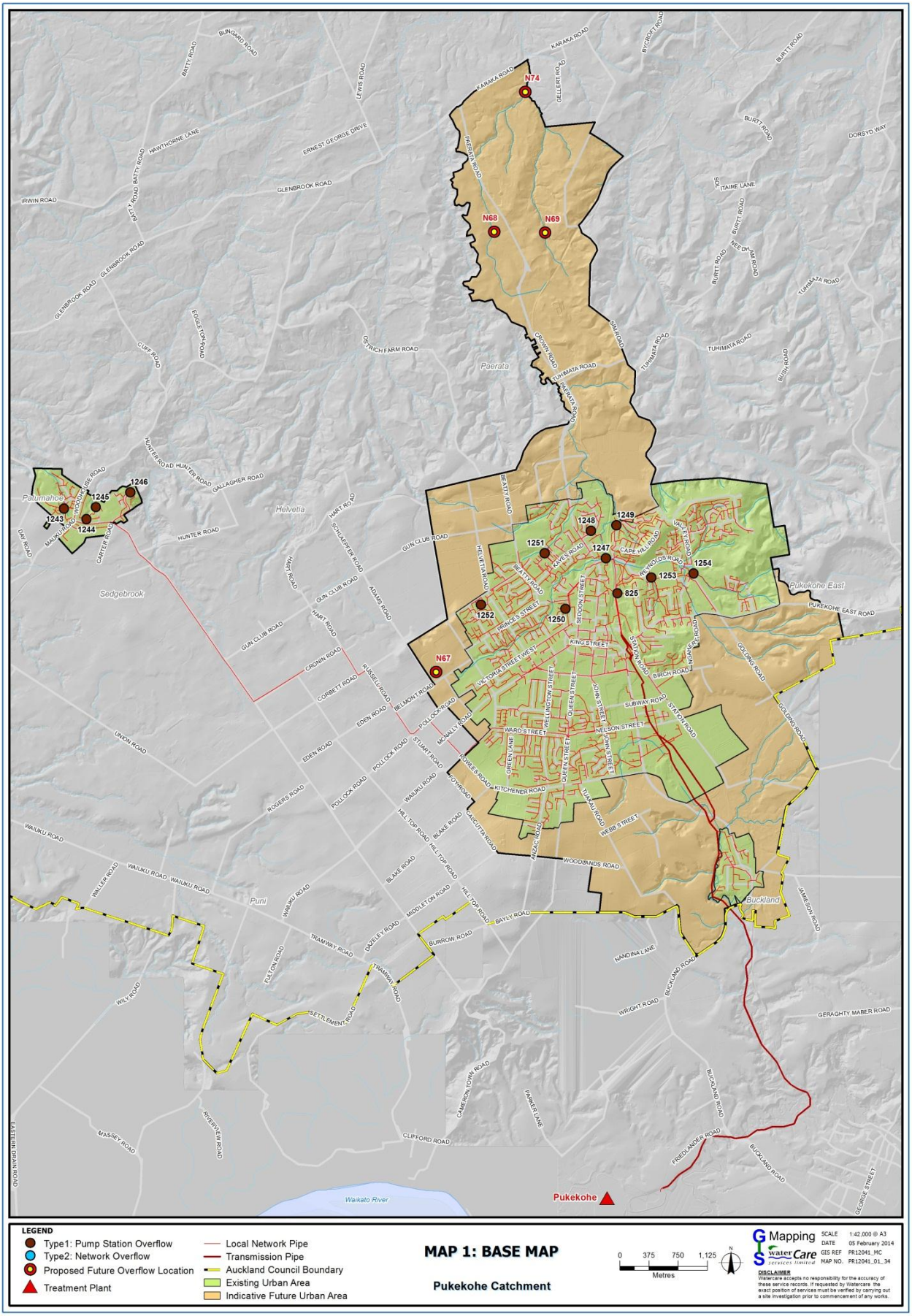

Wiri
Homai
Alfriston
Ardmore
Weymouth
Takanini
Wattle Downs
Hills Beach
Shark Island
Pahurehure Inlet
Pararekau Island
Pahurehure
Bottle Top Bay
Papakura
Red Hill
Hingaia
Opaheke
Karaka
Drury
Runciman
Ramarama
974
966
967
965
1012
687
686
997
1171
1166
987
746
N46
N47
N48
N49
N50
N62
N51
N52
N56
N53
N58
N54
N57
N59
N55
LEGEND
Type1: Pump Station Overflow
Type2: Network Overflow
Proposed Future Overflow Location
Indicative Future Urban Area
Local Network Pipe
Transmission Pipe
Existing Urban Area
Papakura Local Network(not covered by this consent)
MAP 1: BASE MAP
Pahurehure Inlet Catchment
0 340 680 1,020
Metres
Mapping
Water Care
SCALE 1:44,000 @A3
DATE 05 February 2014
GIS REF PR12041_MC
MAP NO. PR12041_01_29
DISCLAIMER
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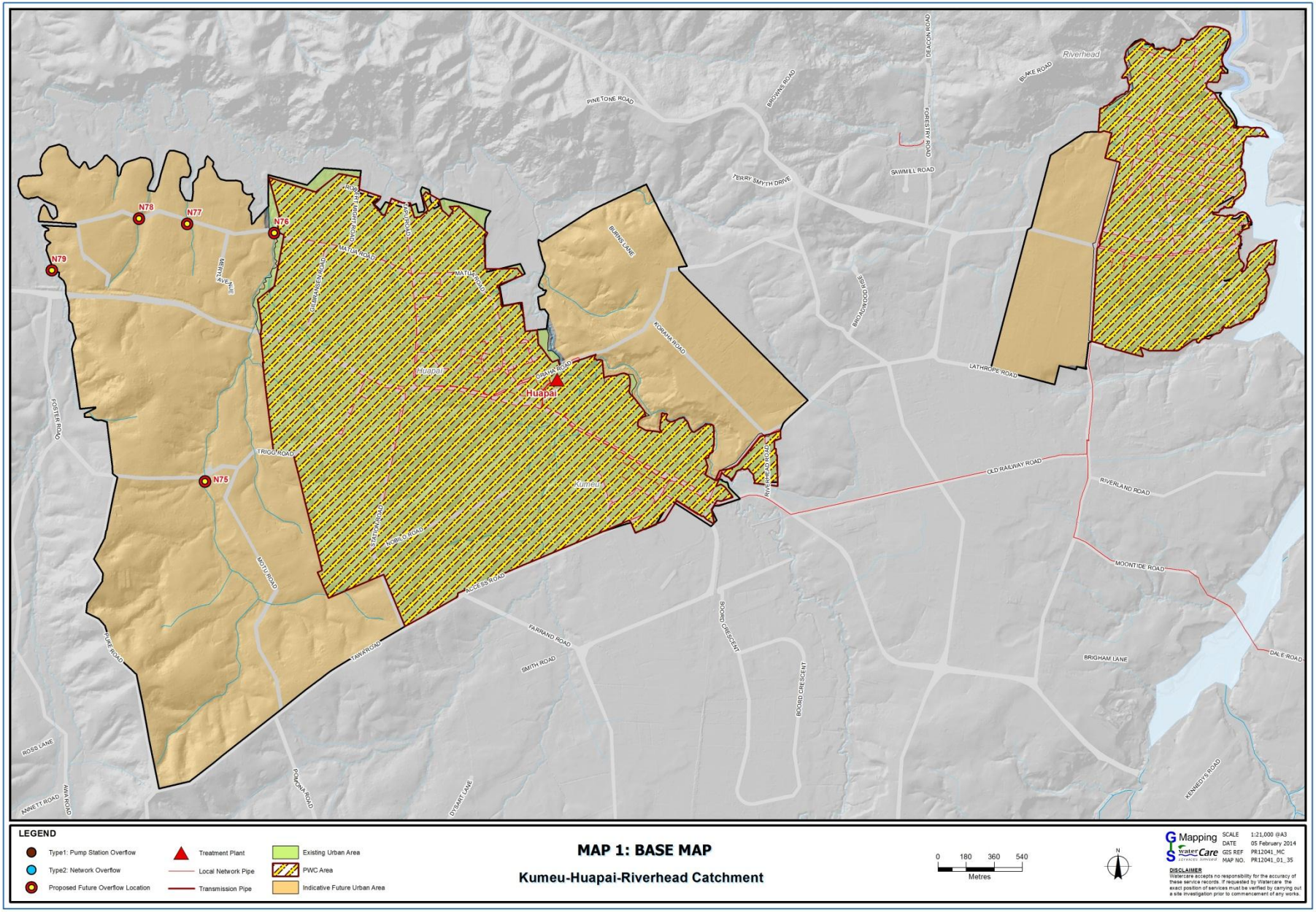

Owhanake
657
Matiatia Bay
Oneroa Bay
Sandy Bay
Hekerua Bay
Te Miro Bay
Church Bay
Motukaha Island
Huruhi Bay
DELAMORE DRIVE
ALAN MOANA LANE
KOROMIKO ROAD
MOTUKAHA ROAD
TE MIRO LANE
DOLPHIN LANE
CHURCH BAY ROAD
MAYO STREET
WHITLE ROAD
NICK JOHNSTONE DRIVE
TUI STREET
TAKATA ROAD
NIKAU ROAD
MOA AVENUE
RATA STREET
PACIFIC PARADE
GOODWIN AVENUE
QUEEND DRIVE
BEATTY PARADE
HAMILTON ROAD
LEGEND
Type1: Pump Station Overflow
Type2: Network Overflow
Treatment Plant
Local Network Pipe
Transmission Pipe
Existing Urban Area
MAP 1: BASE MAP
Oneroa Catchment
0 90 180 270
Metres
N
GIS Mapping
Watercare services limited
SCALE 1:11,000 @A3
DATE 01 August 2013
GIS REF PR12041_MC
MAP NO. PR12041_01_30
DISCLAIMER
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Pohutukawa Bay
Shelly Bay
Sunkist Bay
Beachlands
Omana Beach
Maraetai
Magazine Bay
Pukekawa
1016
1085
1086
1087
1084
1083
1082
1081
1017
1080
1079
1078
N64
N63
Beachlands
FIRST VIEW AVENUE
CHERRIE ROAD
EALING CRESCENT
POHUTUKAWA ROAD
BEE ROAD
SHELLY BAY ROAD
CONSTELLATION AVENUE
BEACHLANDS ROAD
KARAKA ROAD
JACK MACHLAN DRIVE
WHITFORD-MARAETAI ROAD
MARAETAI DRIVE
KEANES ROAD
TE PURU DRIVE
MARAETAI SCHOOL ROAD
TE O'TE ROAD
CRAIG ROAD
CARLTON CRESCENT
MARAETAI COAST ROAD
OKAROro DRIVE
LEGEND
Type1: Pump Station Overflow
Type2: Network Overflow
Proposed Future Overflow Location
Treatment Plant
Local Network Pipe
Transmission Pipe
Existing Urban Area
MAP 1: BASE MAP
Beachlands-Maraetai Catchment
0 160 320 480
Metres
N
GIS Mapping
Watercare services limited
SCALE 1:18,500 @A3
DATE 01 August 2013
GIS REF PR12041_MC
MAP NO. PR12041_01_31
DISCLAIMER
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1034
1035
1036
1037
1040
1041
1042
1043
1044
1045
1046
1047
Clarks Beach
Ngahere Bay
Waiau Beach
Glenbrook Beach
TORKAR ROAD
STELLA DRIVE
STEVENSON ROAD
CLARKS BEACH ROAD
BOYD ROAD
WHARF ROAD
TE TORO ROAD
GREENFIELD ROAD
MCLARIN ROAD
RONALD AVENUE
BEACH ROAD
DUNSMUIR ROAD
LEGEND
Type1: Pump Station Overflow
Type2: Network Overflow
Treatment Plant
Local Network Pipe
Transmission Pipe
Existing Urban Area
Indicative Future Urban Area
MAP 1: BASE MAP
Clarks Beach Catchment
0 100 200 300
Metres
N
GIS Mapping
Water Care Services Limited
SCALE 1:11,500 @ A3
DATE 24 January 2014
GIS REF PR12041_MC
MAP NO. PR12041_01_32
DISCLAIMER
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Waiuku
1022
1023
1024
1025
1026
1027
1028
1029
1030
1031
1032
1033
KING STREET
CONSTABLE ROAD
QUEEN STREET
GEORGE STREET
RACECOURSE ROAD
HAMILTON DRIVE
CORNWALL ROAD
KITCHENER ROAD
BOWEN STREET
VICTORIA AVENUE
COLOMBO ROAD
WAIUKU ROAD
MASTERS ROAD
KARIOITAHI ROAD
CEMETERY ROAD
HULL ROAD
TOWERS ROAD
KIDD ROAD
SHAKESPEARE ROAD
PUKEOWARE ROAD
MORLEY ROAD
CAMERON ROAD
GLENBROOK-WAIUKU ROAD
WAIPANGI FALLS ROAD
MARAE O REHIA ROAD
AWHITU ROAD
SANDSPIT ROAD
WILLIAMS ROAD
Rangiwhiwa Creek
Waiuku
LEGEND
Type1: Pump Station Overflow
Type2: Network Overflow
Treatment Plant
Local Network Pipe
Transmission Pipe
Auckland Council Boundary
Existing Urban Area
Indicative Future Urban Area
MAP 1: BASE MAP
Waiuku Catchment
0 130 260 390
Metres
N
GIS Mapping
Water Care services limited
SCALE 1:15,000 @ A3
DATE 24 January 2014
GIS REF PR12041_MC
MAP NO. PR12041_01_33
DISCLAIMER
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N74
N68
N69
N67
1246
1245
1243
1244
1248
1249
1251
1247
1254
1253
825
1252
1250
Paerata
Pukekohe East
Pukekohe
Buckland
Puni
Helvetia
Sedgebrook
Waikato River
LEGEND
Type1: Pump Station Overflow
Type2: Network Overflow
Proposed Future Overflow Location
Treatment Plant
Local Network Pipe
Transmission Pipe
Auckland Council Boundary
Existing Urban Area
Indicative Future Urban Area
MAP 1: BASE MAP
Pukekohe Catchment
0 375 750 1,125
Metres
SCALE 1:42,000 @ A3
DATE 05 February 2014
GIS REF PR12041_MC
MAP NO. PR12041_01_34
DISCLAIMER
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N78
N77
N76
N79
N75
Huapai
Kumeu
Riverhead
PINETONE ROAD
BROWNS ROAD
DEACON ROAD
BLAKE ROAD
SAWMILL ROAD
FERRY SMYTH DRIVE
BURNS LANE
BROADWOOD RISE
KORMA ROAD
LATHROPE ROAD
OLD RAILWAY ROAD
RIVERLAND ROAD
MOONTIDE ROAD
BRIGHAM LANE
DALE ROAD
KENNEDYS ROAD
GRIMMETT ROAD
MATUA ROAD
HENLEY AVENUE
FOSTER ROAD
TRIG ROAD
MOTU ROAD
HOBBS ROAD
ACCESS ROAD
FARRAND ROAD
SMITH ROAD
BOORD CRESCENT
TAWA ROAD
POHE ROAD
ROSS LANE
ANNETT ROAD
PUMONA ROAD
DYSART LANE
LEGEND
Type1: Pump Station Overflow
Type2: Network Overflow
Proposed Future Overflow Location
Treatment Plant
Local Network Pipe
Transmission Pipe
Existing Urban Area
PWC Area
Indicative Future Urban Area
MAP 1: BASE MAP
Kumeu-Huapai-Riverhead Catchment
0 180 360 540
Metres
N
GIS Mapping
Watercare Services Limited
SCALE 1:21,000 @A3
DATE 05 February 2014
GIS REF PR12041_MC
MAP NO. PR12041_01_35
DISCLAIMER
Watercare accepts no responsibility for the accuracy of these service records. If requested by Watercare the exact position of services must be verified by carrying out a site investigation prior to commencement of any works.

APPENDIX 5: ADDITIONAL INFORMATION

4. Background overview

4.1 Background

The primary purpose of a wastewater network is to transport the untreated wastewater generated by residential, commercial and industrial properties to a wastewater treatment plant (WWTP). These flows comprise of:

- Dry Weather Flow (DWF) is a combination of domestic, commercial and industrial loads. Dry Weather Flows also include groundwater infiltration (GWI); water entering the network from the groundwater table.
- Rainfall Derived Inflow and Infiltration (RDII) is rainfall which enters the wastewater network from cracked pipes or illegal private stormwater pipes connected to the wastewater system.

The wastewater network has been designed to overflow at engineered overflow points (EOPs) during wet weather events to minimise the risk of wastewater spilling onto private homes and property; jeopardising public health. This is a common approach taken by many international water utilities.

4.2 Drainage types

There are two key drainage types within the Auckland region - combined networks, found in the older areas of metropolitan Auckland, and separated networks.

4.2.1 Combined networks

The combined networks are designed to collect both wastewater and stormwater flows in a single pipe in defined combined areas. Combined networks are designed to overflow during rainfall events when capacity is restricted due to increased stormwater flows.

To ensure that these overflows occur in a controlled manner, rather than on private properties and buildings, dedicated Type 2 Engineered Overflow Points (EOPs) were constructed at points along the network, which discharge through a piped system to the local receiving environment.

The Mangere SMA is the only area within the network which remains combined, encompassing parts of the Western Isthmus (Central Interceptor), Cox's Bay, CBD and Hobson Bay geographic catchments. All other SMAs were developed as separated systems as are all new developments.

4.2.2 Separate networks

Separate networks are designed to receive dry weather flows and some wet weather flows. The influence of wet weather flow results from:

- Inflow - where water enters the separated wastewater system through wrongful or illegally connected downpipes from roofs, overland flow, flooded manholes and/or low-lying gully traps on private property.
- Infiltration - where surface and groundwater that is above the pipe level enters the wastewater system through cracked or disjointed pipes. This occurs in both public and private wastewater pipes.

Separate wastewater systems also have engineered overflow structures at pump stations (Type 1 EOPs) and within the network (Type 2 EOPs), to provide a relief point where lack of capacity could otherwise result in uncontrolled overflows at a private property, and/or to spill preferentially in locations with lower risks to public health and the environment.

4.3 Watercare's response to overflows

Management of wastewater overflows is undertaken in two ways:

- Immediate response in accordance with the Wastewater Overflow Regional Response Manual, as outlined below.
- Investigation and remediation: overflow incidents are recorded and reported in accordance with the procedures set out in the Wastewater Overflow Regional Response Manual. Through this process, Watercare determines whether preventative measures can be undertaken.

4.3.1 Immediate response

Watercare has in place an agreed protocol with Auckland Council for responding to and reporting on wastewater overflows. The Wastewater Overflow Regional Response Manual, developed in conjunction with the Pollution Response and Licencing and Compliance Teams, was signed in 2014.

Overflows are categorised according to risks, as identified below:

- Level 1: No discharge to a watercourse and the overflow is contained onsite, with limited public health risks. Escalation to Auckland Council is not required.
- Level 2: Wastewater enters a watercourse but ammonia is less than 3ppm, 100m downstream. Auckland Council is notified of Level 2 incidents via phone.
- Level 3: Wastewater enters a watercourse and ammonia is greater than 3ppm, 100m downstream. Both Auckland Council and the Auckland Regional Public Health Service are notified of these overflows, with the follow up incident reporting issued within 10 working days.
- Level 4: Significant overflow to a watercourse.
- Level 5: Catastrophic event or civil defence state of emergency.

Ammonia testing was adopted as a tool to indicate the presence of sewage contamination, along with other visual and odour indicators. Ammonia sampling is undertaken when health and safety is not compromised and the watercourse is accessible. Where possible, ammonia samples are taken at point of entry, 5m downstream and 100m downstream.

Ammonia results are reported in the wastewater overflow incident assessment forms which are issued to Auckland Council within 10 working days for Level 3 and above incidents.

Where ammonia is greater than 6ppm, further sampling may be undertaken to confirm repairs have been completed and no further action is required. Further sampling may also be undertaken by the Auckland Council Environmental Health Officer if required.

4.3.2 Investigation and remediation

The investigation into repeat Dry Weather Overflows (DWOs) may identify a systemic network asset or maintenance issue. A repeat DWO is defined as one which occurs twice or more over 12 months; Watercare is tracking these repeat overflows which are not resolved within the reporting year, and prioritising investigations into issues with three or more spills over a rolling 24 month period.

Repeat overflows can be the result of:

- Pipe deterioration, root intrusion, blockages from foreign objects, and lack of capacity.
- The same incident being logged under separate Service Requests (customer calls).
- A fault being incompletely rectified and requiring a follow up visit to resolve the issue.
- Third party damage.

Watercare investigates the cause of repeat overflows and initiates appropriate remedial actions as required. Remedial action may include additional sewer cleaning, removal of temporary obstructions, asset renewal, public education or other site specific actions.

Where the cause of the repeat overflows is attributable to I&I, rather than a partial blockage or other maintenance issues, Watercare has three options:

- Network improvements and upgrades to eliminate the overflow, or
- Create an EOP to divert the overflow into an adjacent waterway or stormwater pipe (subject to agreement from the asset owner). This is a short-term solution to ensure that direct human contact with the overflow can be avoided by providing an alternative discharge location and adequate dilution; and/or
- Commence I&I investigation and remediation/enforcement by Auckland Council.

4.4 Improvement works programme

As a requirement of the NDC, the Wastewater Network Strategy sets out a Wastewater Network Improvement Programme to address wet weather overflows, this is developed and refreshed on a six-yearly basis. The first Wastewater Network Strategy Plan was delivered in June 2017. The Wastewater Network Improvement Works Programme sets out how growth will be serviced, and how wastewater network performance will be improved over the next six-yearly planning period, as well as how works will be prioritised.

A full summary of the proposed improvement works scheduled to be undertaken within the current year; as well as the next year, is included in Section 6 of the report.

As well as developing new assets, Watercare is undertaking an Inflow & Infiltration programme that will identify sources of stormwater entering wastewater networks, including those from private property.

5. Reporting

5.1 Wastewater overflow reporting

Overflows from a wastewater network are distinguished based on their primary cause as Dry weather overflows (DWOs) or Wet weather overflows (WWOs). Wastewater overflow reporting processes are outlined in the figure below.

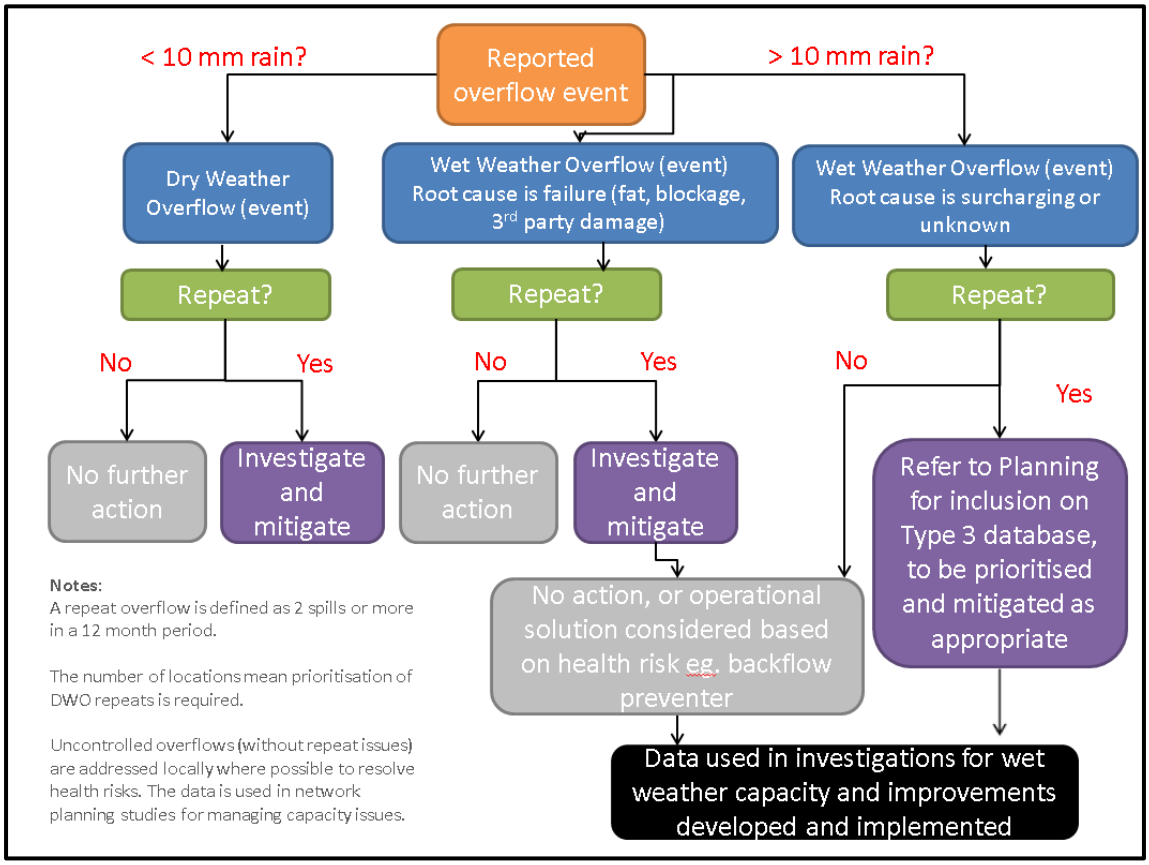


Figure 5.1: Flow diagram representing the wastewater overflow reporting processes for dry and wet weather overflow events.

5.1.1 Dry weather overflows

DWOs normally occur as the result of blockages, breakages or system breakdown such as a power failure at a pump station. Because dry weather overflows occur as the result of an unforeseen occurrence, they are by definition unpredictable and can happen anywhere in the system. These can occur on 'dry' or 'wet' days.

DWOs are classified in terms of severity of effects, with a Level 1 incident (spill) being minor and able to be contained and cleaned up. Level 5 incidents are classified as catastrophic, constituting a civil defence emergency.

Type 1 EOPs – Pump station overflows

Overflow events at Type 1 EOPs (pump stations and storage tanks) are detected by telemetry devices. Watercare's maintenance contractors receive notification of alarms and respond immediately, with high level alarms providing early warnings prior to the overflow occurring. Pump station alarms can also be the result of a localised or general power failure.

The majority of pump stations have a minimum of 4 hours' storage to allow maintenance contractors to respond to failures without discharging to the environment. In some instances of widespread system failure, this cannot be achieved at all locations.

Type 2 EOPs – Network relief overflows

Dry weather overflows from Type 2 EOPs are typically notified by members of the public or network maintenance staff.

Type 3 reported incidents - Uncontrolled spills

DWOs from manholes are reported to Watercare by members of the public or network maintenance staff.

5.1.2 Wet weather overflows

WWOs typically occur at EOPs designed for this purpose. As outlined above, there are two types of EOPs:

- Type 1 EOPs are overflow structures (with telemetry) associated with a pump station.
- Type 2 EOPs, also referred to as network relief points can be found anywhere on the network, and are most common in the combined (or formerly combined) network. Watercare has telemetry devices at very few Type 2 EOPs; accordingly, any data provided is not representative of the overall network system performance. It is also noted that combined sewers were designed to overflow frequently.

Occasionally, wastewater may also overflow at uncontrolled locations when a lack of hydraulic capacity in wet weather causes the wastewater system in an area to surcharge. These are termed Type 3 locations and are identified through analysis of the overflow data and catchment studies.

5.2 Inflow and Infiltration programme reporting

Conditions 47 to 49 of the NDC address the management and control of I&I:

47. The Consent Holder shall establish an ongoing programme to investigate the extent of I&I within the wastewater network and identify where specific I&I remedial works are likely to reduce wastewater overflows.

48. The Consent Holder shall undertake specific I&I remedial works identified through the wastewater network I&I programme required under condition 47 within two years of the specific remedial works being identified.

49. The Annual Network Performance Report required under condition 57 shall include reporting on the wastewater network I&I programme, and any specific remedial works.

Since local government amalgamation in 2010, Watercare has undertaken local I&I investigations, and these are noted in Section 5 of this report.

5.3 Improvement works programme reporting

Watercare's NDC application included information about planned wastewater network improvement projects aimed at reducing wastewater overflows. Such projects also include specific investigation, planning, and modelling projects, as these are an integral part and necessary precursor of any large-scale capital projects. This Annual Performance Report outlines the progress of the projects identified, as well as noting any new projects that have been committed to during the reporting year. This information is provided in Section 6 of the report.

Schedule of Engineered Overflow Points

Condition 56 of the NDC requires the annual revision of Watercare's Schedule of EOPs:

- The Consent Holder shall, on an annual basis, update the Schedule of Engineered overflow points (Attachment 2) to identify the following:
  - Any further engineered overflow points identified by the Consent Holder within the existing network not already listed in Attachment 2. Once identified, these further engineered overflow points become subject to this consent;

- Any engineered overflow points that have been decommissioned and are no longer subject to this consent and are therefore to be deleted;
- Any new engineered overflow points within the existing network authorised under conditions 24, 26 or 27;
- Any new engineered overflow points within a future network authorised under conditions 30 or 31.
- Any engineered overflow points previously authorised by another consent that has been included in this comprehensive discharge permit.

The updated Schedule of EOPs, current as of June 2020 is provided in Appendix 2.