

# ST MARYS BAY SEPARATION PROJECT

Western Isthmus water quality improvement programme



**We're undertaking a separation project in St Marys Bay to improve overflows, creating a better environment for you to enjoy.**

## What's happening now?

Since our first newsletter, we have been out in the St Marys Bay area undertaking investigations and talking with residents.

Our contractor Fletcher Construction is currently undertaking investigations in the road to locate existing underground services (like water, gas, fibre). This will help to inform the construction methodology, placement of pipelines and reduce the likelihood of service strikes during construction. Traffic management will be in place around these surveys for the safety of the public and our workers.

Our engineers have now completed the preliminary design of the public network. As the design continues to be advanced, we will upload these to our website. We are working with property owners where the public network is required to be built on private property. We are also assessing where permissions such as resource consents will be required and start applying for them.

For private property drainage, we are continuing to work through the catchment to investigate each property's drainage situation. There are more than 455 individual properties in the catchment that require separation; so don't be concerned if we haven't got to your property yet. Our designers will look at the best route for the new drainage pipes together with property owners considering future private property plans and connections to the public networks. This is a unique project where private drainage separation is fully funded at no direct cost to property owners.



Recent service investigations underway in St Marys Bay.



Investigating the wastewater network.

## Fast facts

**Reduced risks to public health and the environment**



**New separated networks**



**More than 455 properties to separate**



**Completion 2024**

**Estimated cost \$33.4M**

**This project is jointly funded through Auckland Council's water quality targeted rate and by Watercare at no direct cost to property owners**

## Fast facts about designing the new network

Below are factors that are considered by our designers to ensure the new network operates efficiently and is built for the future.



**Operations:** Flows are directed downhill so that the networks operate sustainably by gravity. The network is designed to maximise operations and efficiency.



**Location:** Pipes are installed in the road where possible as it is designated for this purpose and allows for ease of future maintenance and repairs.



**Minimise impact:** Where pipes need to go over private property, we try to follow existing pipelines or property boundaries.



**Future proofing:** The capacity of the pipe size takes into account population growth and changing weather patterns.

## Estimated timeframe

### Planning

Aug 2020-mid 2021

#### Investigations and design

Investigations of public and private networks are required to inform the design and consents that are required for the project.

### Construction

Late 2021-2024

#### Separating the public network

We will build an entirely new network and use the existing network to create separate stormwater and wastewater networks. Infrastructure will be built in the road, reserves and some private properties.

#### Separation of private property drainage

Every property is unique. As the extent of work varies, we will work directly with property owners to discuss what work is required to create a separated drainage system.

## Working with you

Our project contractors GHD and Fletcher Construction are working on our behalf from investigations and design, through to construction. They will work closely with residents in the affected area to provide a consistent approach from the start of the project to its completion.

We will continue to keep residents informed through our website and provide project newsletters at key stages of the project. We will notify affected residents in advance of any work taking place and work closely with property owners when work takes place on private property.

We appreciate the support and cooperation from residents as we work to deliver this complex project.

## Related projects in your area

The St Marys Bay Stormwater Outfall project currently being undertaken by Healthy Waters is still on track for completion by mid-year. Recent milestones include the installation of the 470 metre marine outfall pipeline in the Waitematā Harbour. The wider Western Isthmus Water Quality Improvement Programme is continuing to undertake drainage investigations in other combined areas including Grey Lynn and Herne Bay to improve water quality outcomes in these areas.

## What's next?

As we work toward construction, keep your eye out for drop-in sessions. This will be an opportunity to meet our contractor, find out more about construction and we can answer any questions you might have.

## Want to find out more?



For up-to-date information, please see our website: [www.watercare.co.nz](http://www.watercare.co.nz) and search "St Marys Bay separation"



You can email us any questions at: [stmarys@water.co.nz](mailto:stmarys@water.co.nz)