

Minutes of Meeting

Approved

Secretary email:

aldshanks@gmail.com

**Meola Stream Community Liaison
Group**

Date of Meeting: 6 July 2021

Meeting Number 19

Attendees:	<u>Name</u>	<u>Affiliation/Interest</u>
	Peter Wilson	Watercare
	Shalini Sanjeshni	Watercare
	Stephen Grace	Watercare
	Karen Melville	Ghella Abergeldie JV
	Carol Moffatt	Ghella Abergeldie JV
	Alistair Shanks	Secretary
	Tame Te Rangi	Chair Mana Whenua Kaitiaki Forum
	George Woolford	Beca
	Christina Robertson	Albert Eden Local Board
	Nick Vigar	Healthy Waters
	Deb Shaw	HOBANZ
	Elizabeth Walker	STEPS - Chair
	Sel Arbuckle	STEPS
	Freddie Sherwin	STEPS
	Andrew MacKintosh	STEPS
	Pat Prescott	STEPS
	Dennis Prescott	STEPS
	Joanne Harland	SPICE

Apologies:		
	Paul Murphy	Auckland Council Parks
	Natash McCoy	SPICE
	Graeme Easte	Albert Eden Local Board
	Theresa Pearce	Healthy Waters
	David Abbott	St Marys Bay Association

Venue: GAJV Board Room, 90 Prospect Tce, Mt Eden

NO.	ITEM	ACTION
1.	Minutes of Meeting on 15 April 2021	
	The minutes of the meeting held on 15 April were approved as a correct record.	
2.	Matters Arising from Minutes	
	All the action items are to remain as ongoing.	
	Under item 11-1, the plant species list is to be developed and sent to the group.	
	Under item 15-3 the land ownership in the Norwood area needs to be addressed by the Local Board.	
	Under item 18-1 the daylighting options at Haverstock Road will be	

NO.	ITEM	ACTION
3,	<p>explored by Healthy Waters at a later date.</p> <p>Construction Update</p> <p>An update was given by Carol Moffatt:</p> <p>The 40m shafts at Māngere Pump Station are complete and seven other sites are under construction in the isthmus. The tunnel boring machine (TBM), Hiwa-I-te-Rangi, is being assembled and being prepared for launching.</p> <p>The Fredrick Street works at Pump Station 23 have started. The micro TBM, Domenica, is at the May Road site, being used to tunnel to link existing sewers into the main CI tunnel.</p> <p>The Miranda Reserve (Pump Station 25) site is planned to open in September, the Norgrove one in the third quarter of this year, and the Mt Albert War Memorial site in November. At Lyon Avenue geotechnical work is currently being undertaken.</p> <p>Neighbours at May Road were invited to see the micro TBM before it was lowered into place. A picnic to the awa near the Walmsley Park site was held for the Wesley Primary School. A community event is planned for the Māngere site. This will be advertised on the Watercare Facebook page.</p> <p>A video of the shaft construction at Māngere was shown, and of parts of the TBM being lowered into the shaft.</p> <p>This is the last meeting for Carol as she is moving to another part of the project. She was thanked for her contribution to the group.</p> <p>Karen Melville will be taking over her role with the group.</p>	
4.	<p>Update by Healthy Waters</p> <p>An update was given by Nick Vigar.</p> <p>Scoping of daylighting at Haverstock is being undertaken. Two options are being considered. One is full removal of the culvert, which would be very expensive. The second option is not to remove the culvert but to redirect pipes so that base flow spring water is returned above ground. An accurate survey has been undertaken and both options priced. Land ownership discussion is also part of this.</p> <p>Stephen Grace outlined how the cross connections between the stormwater and wastewater lines need to be resolved to get the desired water quality improvement. The CI works need to be undertaken first, then the daylighting. Both lots of works will not be done at the same time. The same consultant will be used for the design. It will be part of the wider Western Isthmus Water Quality Improvement Programme.</p> <p>Public access and land ownership needs time to be discussed and progressed.</p>	

NO.	ITEM	ACTION
	<p>Liz raised the possibility of when fences are re instated after the CI works that they be placed to suit daylighting and future public access. But this requires the consideration of land ownership and timing of works.</p> <p>Land ownership includes DOC with the stream bed, Watercare, the Council, and Plant and Food. The group asked that the land ownership matters should be discussed soon rather than later.</p> <p>The Haverstock Road CI site has a 450mm diameter pipe carrying the base flow spring sourced water directly across the site. Stephen Grace and Nick Vigar agreed that if this pipe needs to be diverted at this time of the CI works, then this should be diverted once, and in such a way as to this flow above ground post CI works, achieving the second option for daylighting. The CI site showing the 450mm diameter pipe should be presented in the future for discussion.</p>	<p>Watercare/ Healthy Waters</p>
5.	<p>Update by Watercare</p> <p>A presentation was given by Shalini.</p> <p>Weed Control This work around the Norgrove area was completed in May. The upcoming planting area was the priority. The main weeds were panic veldt grass and climbing asparagus. Control is going well over a 1.2 hectare area.</p> <p>Pest Control The autumn pulse started on 1st April and was completed on 13 May. Contrc bait was used. Possums were the main pests.</p> <p>Asbestos Update The soil testing is completed. There were surface tests undertaken at four locations. No asbestos was found in the soil. Work has recommenced in the area, however protocols are in place. Concern remains in the fly tipping area (illegal dumping).</p> <p>Illegal Dumping Update Issues over the removal of the rubbish include: <ul style="list-style-type: none"> - removal altering the ground level - tree felling risk during removal - sediment discharge into the stream - presence of further asbestos - loss of habitat for native skinks. <p>There is the question of what is the environmental benefit. The aim is to preserve the rock forest. There are risks and benefits to removing the rubbish. STEPS and SPICE expressed the opinion that the rubbish should be removed. Apart from the obvious dangers it presents to people, they believe that the message conveyed to the golf course and the public is that it is okay to tip rubbish here. Further work is required on thinking this through and exploring ways to reduce the risks.</p> </p>	

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	<p>STEPS asked that they be involved in the ongoing discussion/decisions on the rubbish removal, and that a facilitated session including STEPS be held to document options, risks costs and benefits.</p> <p>Planting Day 17th July 800 plants are targeted for planting on the day. This will be a community event. Flyers will be distributed to 80 local properties. An invitation is to be sent to the local board. Access to the area on the day will be indicated by a Watercare sign.</p> <p>Progress Update Pest and weed control is on target. Planting has been delayed until July because of the asbestos find. August/September will see further pest and weed control, and November more pest control.</p> <p>STEPS expressed their appreciation of the Te Ngahere contractors for their good planting and good communication with STEPS.</p>	Watercare
6.	<p>Update by STEPS</p> <p>An update was given by Liz Walker.</p> <p>STEPS has been busy in the Norgrove area with Shalini. Plant and Food has been visited with Nick Vigar. Planting has been continuing.</p>	
7.	<p>Other Matters</p> <p>There were no other matters.</p>	
8.	<p>Workshop on Plant Room Designs for Lyon Ave and Haverstock Road sites</p> <p>Peter Wilson and George Woolford led a discussion on the plant room designs.</p> <p>At the last workshop in August feedback was given on the plant room designs. A hand out was given to the group. Recessive colouring and nature were encouraged for the rooms.</p> <p>Joanne from SPICE considered that not enough detail was given. Only the material design is covered.</p> <p>The principles for the plant rooms should be as small as possible and as low as possible.</p> <p>Lyon Ave Site</p> <p>Feedback from the last workshop was documented in the handout. Options in response to the feed back were discussed. These included: - moving the plant room about one meter.</p>	

NO.	ITEM	ACTION
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- repositioning the walkways to create more space.
- enhancing the landscaping.
- enhancing the design of the plant room.

Having a flatter and green roof was discussed. Watercare considered that the 30m² of green roof if it was constructed, was a small area for achieving environmental benefit. The importance of protecting the plant within the room was seen as key. The big environmental win is from CI itself and the resulting water quality improvement. A green roof would come with other disadvantages, such as larger walls required to support it, and ongoing maintenance requirements. Planting can be undertaken in the crib wall. It was asked if the crib wall was the same height as before. It was the same but the plant room had been moved back from the wall.

Joanne from SPICE asked if the issues raised and the responses to them could be documented more clearly.

Watercare

Liz asked if an architect had looked at what was proposed.

The planting maintenance plan was discussed. A longer than two year period stipulated as a minimum in the consents was considered desirable, five to ten years preferred.

The size of the plantings were discussed. If they are too big they may not be so successful. The soil is shallow and plants will need to be strapped. A balance is needed.

Haverstock Road Site

Feedback from the last workshop was documented in the handout. Options in response to the feed back were discussed. These included:

- a pathway connection along the north of the spring and swale to link to Camden Road with opportunities to relocate the fences. The easement within Plant and Food is for Watercare staff, not the general public. But a boardwalk from the creek is seen as aspirational. This area is steep and has large trees.
- landscaping within the site
- establishing ongoing contact with Plant and Food.

The Watercare access way for servicing will be covered with a porous product called "SurePave" made from recycled materials and granular material to support heavy vehicles. Liz asked Stephen to check how permeable this paving would be. The access way at Lyon Ave is already paved.

S Grace

Open Space Restoration Plan

This is still a way off and will be ready for comments early next year

9. Next Meeting

NO.**ITEM****ACTION**

It was proposed that this be held on Tuesday 19th October

Action List

Meeting Number	Action	Responsibility	Response	Status
4	Retention of top soil especially at Lyon Ave	Watercare	Include in restoration plans.	Ongoing
11-1	Contractor to refer to Enhancement Plan for Plant Species	Watercare		Ongoing
11-5	Plant room layout plans to be updated after each meeting if there are changes	Watercare		Ongoing
11-6	Effects of reduced flow in stream to be considered	Healthy Waters		Ongoing
15-1	Consultation for above ground structures	Watercare	As required	Ongoing
15-2	Details for enhancement plans to be developed with group	Watercare		Ongoing
15-3	Land ownership by creek in Norwood area to be determined	Council	Local Board	
18-1	Springs at Haverstock Rd : - explore option to return to natural environment	Healthy Waters	HW to report back.	Ongoing

19-1	Haverstock Rd Site show how 450dia pipe diversion can facilitate future flow above ground	Watercare		
19-2	STEPS to be involved in discussion about options and benefits of rubbish removal at Norgrove	Watercare		
19-3	Work needed on rubbish removal risk reduction at Norgrove	Watercare		
19-4	Table to be made of issues and responses of options and benefits for plant room design workshop.	Watercare		
19-5	SurePave permeability to be checked	Stephen Grace		
19-6	Haverstock Rd: facilitate communication among land owners re fences, public access and future day lighting.	Watercare Healthy Waters, Plant and Food, and the local board		