

Minutes of Meeting

Draft

Secretary email:
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**Meola Stream Community Liaison
Group**

Date of Meeting: 15 April 2021

Meeting Number 18

Attendees:	<u>Name</u>	<u>Affiliation/Interest</u>
	Peter Wilson	Watercare
	Shalini Sanjeshni	Watercare
	Xenia Meier	Watercare
	Carol Moffatt	Ghella Abergeldie JV
	Alistair Shanks	Secretary
	Graeme Easte	Albert Eden Local Board
	Christina Robertson	Albert Eden Local Board
	Theresa Pearce	Healthy Waters
	Rudi Gabor	HOBANZ
	Don and Dierdre Milne	St Lukes Apartments Body Corp
	Damien Hannah	Local resident
	Ben Goodwin	Auckland Zoo
	Elizabeth Walker	STEPS - Chair
	Sel Arbuckle	STEPS

Apologies:		
	Paul Murphy	Auckland Council Parks
	Freddie Sherwin	STEPS
	Andrew MacKintosh	STEPS
	Natash McCoy	SPICE
	Joanne Harland	SPICE
	David Abbott	St Marys Bay Association

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

NO.	ITEM	ACTION
1.	Minutes of Meetings on 10 December 2020	
	The minutes of the meeting held on 10 December were approved as a correct record, except for Section 3.5 second paragraph last sentence delete the words in brackets "(although there is not agreement as to what the common usage is)"	
2.	Construction Update	
	An update was by Carol Moffatt:	
	The shaft at Māngere Pump Station is now complete and six other sites are under construction in the isthmus. The planning for the tunnel boring machine (TBM) launch is continuing, with the launch planned for late 2021.	

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

The micro tunneling TBM arrived in January 2021. This machine will tunnel the link sewer sites that connect into the main Central Interceptor tunnel. Fredrick Street works to Pump Station 23 will start in the second quarter of this year, the Hoskins Avenue works are planned for late April - early May. Dundale Avenue becomes a mining site in May.

They are currently reviewing the programme of the works as some sites will move due to material delays from overseas suppliers. New start dates will be communicated at the next meeting workshop.

Various stakeholder milestones have occurred. The Central Interceptor Discovery Centre has been set up. The Auckland Museum has been involved with shells discovered during the excavation of the Mangere shaft. This has presented an educational opportunity for various Auckland University students. Shells were on display at the meeting and attendees were invited to take one home as a sample. GAJV engineer Beth Selwyn was a finalist in the Rising Star NAWIC awards. A Meet the Contractor event was held at Fredrick Street in March. There has been engagement with local schools including a two day truck safety delivered to the May Road School near our May Road site. At the Glenavon School there have been artwork activities around cleaner waters and the Central Interceptor.

A TBM video was shown, one used for microtunnelling. This showed the machine being thrust forward and pipes laid as it progressed, and the spoil being removed. The outside of the pipes were lubricated with bentonite to reduce the friction as the pipes are thrust forward. The main TBM will use a similar principle but will use segment rings instead of pipes.

The TBM is launched from the larger site at Mangere and tunnels towards the May Road shaft. The Mangere shaft is larger than the other shafts as it will house the pump station. The Lyon Ave Shaft will be 7.5m diameter and the May Road Shaft is 10.8m diameter. The May Road shaft will be used for spoil extraction from the main tunnel after the TBM progresses past May Road.

All suitable spoil will go to Puketutu Island. Unsuitable spoil will go to other specialised sites for appropriate management. At Dundale and Miranda sites unclean material has been encountered.

It was asked if site visits to see the shaft or tunnel were possible. Unfortunately these areas are part of a mining operation, which requires a two day long induction as well as underground mine training before anyone is allowed in the mining part of the site. So at this stage it is too difficult to have site visits. But the idea of site visits will be kept in mind. Videos will be made from time to time.

The shells at Mangere were found in the shaft at about 30 to 35m depth. The material from this depth was put aside during the excavation of the shafts so that the shells could be recovered. The Auckland University and the museum were involved. A unidentified shell was found, as well as a whale bone. The boring of the tunnel is at a lower level so no more shells are likely to be found.

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3.	Update by Watercare	
	<p>A presentation was given by Shalini. A copy of the presentation is to be sent out with the minutes.</p>	
	<p>Pest Management</p>	
	<p>The baseline monitoring was completed in December 2020. This showed lots of possums with some hedgehogs, rats and mice.</p>	
	<p>Initial pest control</p>	
	<p>This went from 6th to 25th January, using Contrac bait. Mainly possums were caught.</p>	
	<p>Initial Understorey weed control</p>	
	<p>This was undertaken 15 to 19th March. Weeds were pulled out, sprayed and piled up for use as leaf litter.</p>	
	<p>Current Climate</p>	
	<p>On 14th January asbestos dumping was found in the area. Work stopped because of safety concerns. On 9th April further asbestos remnants were found. Concerns were raised regarding asbestos in soil. A map was shown of where the asbestos was found. Watercare will be conducting soil testing to find out the scale of the asbestos in the soil. The results will effect what Watercare will do in the reserve. This is on Council land and will need to be removed and managed by Council. Timing will depend on the Council, the testing programme, and the responses re removal.</p>	
	<p>Work has been withheld pending confirmation from Council regarding management of asbestos. If work can commence then it will be restricted to areas where the asbestos has not been found. Planting in late May may be undertaken on the eastern areas away from the asbestos sites. However the whole area is to be tested for asbestos.</p>	
	<p>Graeme Easte thought the dumping could have been from individuals from the residential area and considered that conversations needed to be held with people from this area. The golf course has a track into the area, but it does not go near where the rubbish was found.</p>	
	<p>Sel reported that he had seen dumping occurring from the golf course and also local youths throwing the rubbish around.</p>	
	<p>Skinks are in the area and live in the rubbish. A survey of the skinks has yet to be undertaken. The challenge will be to remove the rubbish without disturbing the skinks. Watercare raised concerns around the ecological gains from rubbish removal when the process may disturb skink habitat, uncover asbestos and potentially lead to other environmental damage.</p>	
	<p>STEPS were pleased to see the pest and weed control work undertaken. Concern was raised that water rats around the creek were not being captured by the trapping for pests.</p>	
	<p>There was discussion on how golf courses instead of focusing just on the greens, could get more involved in pest control. Two larger golf courses, the Remuera course and the Wairaki course have predator control programmes. It was thought that the Chamberlain golf course could be encouraged to follow these examples.</p>	

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4.	<p>Update by Healthy Waters</p> <p>An update was given by Theresa Pearse.</p> <p>It was reported that Healthy Waters has found some budget to undertake conceptual design and consideration of daylighting of an area of the channel behind Haverstock Road. This should be done by the end of June. However at this stage there is no capital for the capital works that would be involved.</p> <p>There was an onsite meeting in December. The springs are in Plant and Food land and above. STEPS are helping to find all the springs in the area. One concept is to have springs flowing above ground connected with scruffy domes to the larger pipes below for taking storm flows. It was thought that it would be better to maximise the number of springs going into the area as this would increase the viability of the wetland over the dryer summer periods.</p> <p>Graeme Easte expressed the concern about delays as the wetland would be on private land and that this land could be developed or change hands. He would like to see a simpler rather than a more expensive and complex solution. He asked to be kept informed about the activities of Healthy Waters in this area.</p>	
5.	<p>Update by STEPS</p> <p>An update was given by Liz Walker. The following notes were tabled:</p> <ol style="list-style-type: none"> 1. STEPS thanks Watercare for taking on board the volunteer expertise available, particularly advice from Sel Arbuckle and Ben Goodwin in relation to rock forest at Norgrove Ave. We are pleased that one meeting was held with Te Ngahere on January 20 and an onsite update in March. Occasional email updates from Te Ngahere are also helpful. We believe regular monthly meetings including STEPS and Te Ngahere are needed at the moment. 2. STEPS Progress: <ul style="list-style-type: none"> • STEPS has done a preliminary survey of privet and is ready to discuss some approaches with Te Ngahere. • STEPS has indicated eagerness to meet Golf Course stakeholders to forge community bonds and discuss items relating to rock forest future. (Issues 1-3 below). • Following discussions at the Watercare arranged meeting between Te Ngahere & STEPS, STEPS has made a trail through the vegetation from Norgrove to Rawalpindi. This is great news for the stream and for connecting up parks. Many more thousands of hours of time, (and \$ of funding) will be needed until the forest will be restored but at least we are starting on the weed honeysuckle, privets etc along the creek. 3. Draft Watercare Plans for Rock Forest: <p>DRAFT Norwood Planting Plan v 0.9 – further comments were provided, and we are generally in agreement.</p> <p>Summary of STEPS key Points on Pest, Weed Control and Planting documents</p> <ul style="list-style-type: none"> • Main weeding focus on the under storey • Privet reduction approaches to be agreed by Te Ngahere, Watercare and STEPS– preferably by September 2021. • Planting should focus on enrichment species in clay fill areas, encouraging “natural 	

NO.	ITEM	ACTION
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regeneration” on the lava flows and rocks.

- Involvement of STEPS volunteers: We want to enact the “volunteer involvement” mentioned in the plan, especially in relation to planting and weeding (e.g. we have over 15 years of experience in rock forest regeneration planting and weeding.)

4. Outstanding issues:

Waititiko Meola Enhancement Project:

- 1) Need for northern rock forest boundary maintenance agreement/ line so that mowing and other damage does not affect rock forest, and weeds are less likely to continue to encroach from the many weed sources (large and small) on the golf course. [Raised 10 December]
 - 2) Implications/ agreement on the planting of circular area of mown kikuyu near rubbish dump and within the 1.2 Ha area covered by the resource consent. STEPS supports proposal from Te Ngahere to plant it, since the mown area could facilitate more dumping by people with access to vehicles on the golf course. Need to make sure there is no threat to any plants and no problems with the Golf course. [Raised 12 March]
 - 3) Agreement/ requirement on golf course to stop and prevent future dumping in the rock forest. [Raised again 12 March]
 - 4) Planting 2021 – what, when and where? How can we best use this **opportunity for public involvement?**
 Note: July is the very latest clay planting might occur and probably June for rock forest, though May is desirable if it rains. Urgent decisions needed so plants can be ordered. Need to agree roles and plant list.
 - 5) Lack of visibility of project schedule, communications mostly on request, and very limited project meetings and updates.
 - 6) Meeting to be held on site regarding privet thinning/ removal. [Agreed in January to hold around Q3]
- Other:
- 7) Height of plant room and raised shaft on Roy Clements Treeway. [Raised 2017].

It was thought a defined line is needed between Chamberlain Park and the area being improved.

STEPS see themselves as partners with Watercare and would like to be more in the loop with the ongoing works.

Sel has been making some of the routes people take through the vegetation more defined so people will stay on the route. This is not intended to preempt any future pathway routes.

6. Other Matters

Liz asked that the action items table be reinstated.

Secretary

It was asked that the local board provide more leadership to the project as they are the landowners. Graeme East expressed concern about raising expectations.

7. Next Meeting

It was proposed that this be held on a Tuesday. The 6th July was

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

proposed but is to be confirmed.

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	G Easte to arrange	
18-1	Springs at Haverstock Rd : - explore option to return to natural environment	Healthy Waters	HW to report back.	Ongoing