

**Minutes of Meeting  
Final**

Secretary email:  
aldshanks@gmail.com

**Meola Stream Community Liaison  
Group**

**Date of Meeting:** 16 November 2023

**Meeting Number** 25

<b>Attendees:</b>	<p><u>Name</u></p> <p>Alistair Shanks Peter Wilson Xenia Meier Shalini Sanjeshni Karen Melville Sandra Edwards Julia Maskill Christina Robertson Elizabeth Walker Sel Arbuckle Freddie Sherwin Trevor Sherwin David Rees Deb Shaw Gillian Dance Jody Morley</p> <p>Anna Mairs Michael Hawes</p>	<p><u>Affiliation/Interest</u></p> <p>Secretary/Chair Watercare Watercare Watercare Ghella Abergeldie JV Ghella Abergeldie JV Albert Eden Local Board Albert Eden Local Board STEPS - Co-Chair STEPS STEPS STEPS - Co-Chair STEPS HOBANZ Local Resident Auckland Council, Area Operations Manager-Albert-Eden/Puketapapa Ecologist, Te Ngahere Landscape Architect Warren and Mahoney</p>
<b>Apologies:</b>	<p>Tame Te Rangi Nick Vigar Paul Whitfield Louise Kane</p>	<p>Chair Mana Whenua Kaitiaki Forum Healthy Waters Urban Ark Chamberlain Conservation Group</p>
<b>Venue:</b>	Garlic Room, YMCA, Mt Albert	

---

NO.	ITEM	ACTION
1.	<b>Minutes of Meeting on 27 July 2023</b>	
	The minutes of the meeting were approved as a correct record. This was moved by Freddie Sherwin and seconded by Liz Walker.	
2.	<b>Matters Arising from Minutes</b>	
	The following action items were considered to be ongoing: 15-1, 15-2, 18-1, and 24-1. The remaining items were discussed later in the meeting.	

NO.	ITEM	ACTION
3.	<p><b>Ghella Abergeldie Joint Venture Update</b></p> <p>An update was given by Karen Melville.</p> <p>All of the sites, 16 in number, are under construction. 15 of the 17 shafts are excavated. The main TBM Hiwa-i-te-Rangi has started the northern section from May Road. The micro TBM Domenica is at the Mt Albert site tunnelling 800m to Norgrove Avenue, due to finish at the end of November. The mTBM Domenica will move to the Rawalpindi Reserve site for tunnelling in early 2024. A new micro TBM Victoria has bored 220m from Keith Hay Park as part of a total 1.29km distance.</p> <p>At the Haverstock Road site the internal dividing wall is being cast in the shaft.</p> <p>At the Lyon Avenue site the 47m deep shaft excavation is complete. The insitu wall in the shaft is being installed.</p> <p>The Mt Albert War Memorial Reserve shaft excavation is complete. The mTBM Domenica is tunnelling the 800m drive to Norgrove Avenue.</p> <p>At the Rawalpindi Reserve site the trenching between two manholes for a 1500mm diameter pipe is underway.</p> <p>At the Norgrove Avenue site the 29m shaft excavation is complete. The time and date for a Behind the Blue Gate event is 10am on 25<sup>th</sup> November.</p> <p>There was discussion about the springs at the Haverstock Road site. It was asked if these can be separated from the wastewater system. It was confirmed that the existing emergency wastewater overflow connection will remain. What is separated now will remain that way under the CI project.</p>	
4.	<p><b>Open Space Restoration Plans</b></p> <p>A discussion was led by Sandra Edwards.</p> <p>The consultation process was discussed, and a diagram shown with the different groups and stages shown. Feedback will be received, and compromises may be required to get a final reinstatement design. The final design will go to Council for its approval and confirmation of its compliance with the resource consents. This will include the Local Boards, and Parks and Facilities.</p> <p>A diagram was shown of the consultation and times this would occur with the different parties. The aim is to have a final plan for submission to Council by July 2024.</p> <p>A list of the unresolved planting issues was shown. Anna Mairs from Te Ngahere was introduced. She is working through these concerns.</p> <p><b>Species Selection</b></p> <p>A handout was tabled of the species selections for Rawalpindi, Norgrove and Lyon Avenue sites.</p>	

NO.	ITEM	ACTION
	<p>At the Rawalpindi site the species have been selected following species lists being provided by STEPS for riparian and rock habitats. Preference will be given for seeds sourced from rock forest habitat. Some PB95 replacement specimen trees will be required. These will need to be staked and watered over summer. Smaller 1l plants could be used as they are easier to eco-source.</p> <p>At Norgrove a similar approach is to be taken. Specimen trees will provide some shade for the stream.</p> <p>At Lyon Avenue site feedback from the Ministry of Education and MAGS indicate preference for low specimens by the pathway, with larger specimens being crown lifted. Riparian and rock forest species have been selected for these areas. STEPS want more discussion on maintenance and sedge planting as there have been failures in the past.</p>	<p><b>Discussion required.</b></p>
	<p><b>The Restoration and Reinstatement Plans</b>  These were discussed for the sites.</p> <p><b>Lyon Avenue</b>  At the Lyon Avenue site, reinstatement is expected to be done in the fourth quarter of 2025. A list was shown of the resolved issues. These included the use of Surepave, significant ecological areas in the Unitary Plan, eco-sourced seeds, consultation timeline, maintenance, compliance with 2 to 1 planting replacement, and art choices.</p> <p>Lists of unresolved issues were shown and discussed. These included the path and the protection of skinks, the privatisation of crown land, and the crib wall.</p> <p>The footpath did not meet the Council requirements for a Y alignment. An alignment for a path one meter wide was proposed, so it would minimise the pathway area for ecological restoration, provide connections for the community and sight lines, and allow for skink-link across the path as recommended by Boffa Miskell in the ecological options assessment. STEPS indicated that they agreed with the proposal for the pathway. There was the concern about public land being closed to the public over time. STEPS consider that a legal agreement needs to be properly documented so it is not lost after the project is completed. Access should be guaranteed so public land is not privatised. 175m<sup>2</sup> of private land and 236m<sup>2</sup> of Ministry of Education land is being used. Signage could be used to identify that the area is public. Concern was raised if the St Lukes apartments were sold. There are 284 different titles and areas of common property, so a legal remedy would be complex. STEPS indicated they wanted more discussion on the land ownership issue.</p> <p>For the Crib wall STEPS seek to have something green and visually soft (not concrete) to disguise the concrete wall with plants from the public walking through the RCT. It is difficult to grow plants on crib walls and hard for maintenance. A wall with a mural which would be covered in time by plants was favoured by MAGS. A planting plan was shown for the area, with the retaining wall back from the path. STEPS indicated that they agreed with the planting.</p> <p><b>Norgrove and Rawalpindi</b>  Planting plans were shown for these sites, showing the extent of the Surepave and the retaining walls.</p>	
	<p><b>The Next Steps</b>  The next steps were summarised as:</p>	

NO.	ITEM	ACTION
	<ul style="list-style-type: none"> <li>- Confirmation of footpath location by Mt Albert Grammar School/MoE</li> <li>- Collate and integrate feedback where possible from STEPS consultation held in October</li> <li>- Update provided to MSCLG mid-November</li> <li>- 'Issued For Council Review' drawings provided to consulted parties for final review Feb 2024</li> <li>- Final Watercare review</li> <li>- Final design development including consultation summary and design report submitted to Auckland Council Regulatory Compliance Team in accordance with DES 1.9</li> <li>- Sites reinstated</li> <li>- Maintenance of reinstated sites as per Designation, Resource Consent, and contract agreements.</li> </ul> <p><b>Purpose of the Project</b> The reason or purpose of the CI and Western Isthmus Water Quality Improvement Programme was summarised as:</p> <ul style="list-style-type: none"> <li>- Reduced wastewater overflow locations and frequency by 80% from the current 219 in the greater area</li> <li>- Cleaner waterways and beaches</li> <li>- Greener parks</li> <li>- Restored habitat</li> <li>- Improved open spaces</li> </ul> <p>It was noted that fissidens berteroi moss had been identified in the stream.</p> <p>There was discussion on the collecting of ecosourced seeds and seedlings for the plantings. Three species are proposed at this stage: coastal kanuka, mangeao, and kawakawa. Discussion is to be held within a month between STEPS and Te Ngahere/ GAJV, as seed collection is needed early in 2024.</p>	<p><b>Te Ngahere /GAJV/ STEPS discussion</b></p>
<b>5.</b>	<p><b>Plant Rooms</b></p> <p>Michael Hawes, a landscape architect from Warren and Mahoney, led a discussion on the plant rooms for Lyon Avenue and Haverstock Road sites. A handout on this was tabled.</p> <p>There was discussion on the finished appearance and texture of the walls.</p> <p>The texture will weather with time. Softening will give depth. Walls could be divided to reduce the solid faces. Walls can be screened with plants. There could be penetration panels, fins, battens and louvers in the horizontal and vertical directions. Colouring could be by an additive to the concrete. Louvers are required for the operation of the CI to allow air intake into the tunnel. Questions and comments are to be referred to Peter Wilson</p>	<p><b>Feedback to be given to Peter</b></p>
<b>6.</b>	<p><b>Update by Watercare</b></p> <p>A presentation was given by Shalini Sanjeshni on progress in the</p>	

NO.	ITEM	ACTION
	<p>Norgrove area.</p> <p>Year 2 and most of Year 3 for planting maintenance, general weed control and selective canopy control has been completed. All the planting days have been successfully run. The plantings will continue to be inspected and maintained. This will carry on into 2024 and 2025 as required.</p> <p>Year 2 and half of Year 3 pest and animal control has been undertaken. The locations of the bait stations and dates of the pulses were shown. More bait was taken this year than last year. The numbers of pests taken was shown.</p> <p>The dates of spraying for weed control were shown and a list of the weed species targeted shown.</p> <p>Rubbish removal and disposal is now to be managed by Community Facilities. Skink relocation works will be undertaken at the same time by EcologyNZ.</p> <p>A copy of the presentation is to be distributed with the minutes.</p>	

**7. Update by Healthy Waters**

This was deferred to the next meeting.

**8. Update by STEPS**

Unfortunately time at the venue expired and the meeting had to finish before STEPS had an opportunity to give their update.

An update was emailed by Liz Walker to the secretary following the meeting. The update is to be distributed with the minutes. The update outlined the following eight issues and these were commented on by Liz following the meeting (comments shown in italics):

1. CI Objectives for restoration of Meola creek. Difficulty sourcing PB 95s which are eco-sourced. *This seems to be resolved.*
2. Supply of eco-sourced plants on the planned plant list from Tamaki ED and from known rock forest sites. We have struggled during Norgrove restoration plantings. STEPS requests, can the OSRP plants be ordered in advance now, so they can be secured? *This was discussed in the meeting and made Action 25-3 from the meeting.*
3. How would STEPS growth of seedlings fit with OSRP lists? How to plan? What proposal is Watercare seeking? *This was discussed in the meeting and made Action 25-3 from the meeting*
4. STEPS has asked for Art to link up the five Meola stream sites. This is different from any corporate art themes Watercare and Council might want from Mangere to Point Erin. It could be done using colour, motif etc, (We note that Oakley Creek has had a Tohu designed for the creek which now appears on all their signage.) *Linkage through Art - also need meeting with Watercare and AELB. Some questions were – does Warren and Mahoney consultation process include iwi consultation, and how far*

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

*does their brief go – is the tohu potentially possible? Would like the opportunity for discussion.*

5. When will Haverstock and MAWMR be discussed? Have any attempts been made to work with land owner based on the plant list provided by STEPS? *GAJV responded. This needs to be recorded.*

6. How to progress public walk way from Camden to Haverstock? *STEPS would like to see a meeting between GAJV, Watercare, HW and AELB on this matter.*

7. Please provide a written record of proposed planting dates for all five Meola sites. *STEPS want to see dates for all sites.*

8. Maintenance of plantings. STEPS recommends that the maintenance be for four years, not two for enhancement planting. *STEPS wants further discussion on this.*

**9. Next Meeting**

This is to be held on Thursday 14<sup>th</sup> March 2024.

**Action List**

<b>Meeting Number</b>	<b>Action</b>	<b>Responsibility</b>	<b>Response</b>	<b>Status</b>
15-1	Consultation for above ground structures	WC	As required	Ongoing
15-2	Details for Open Space Restoration Plans to be developed with group - process and timelines	WC/ GAJV		Ongoing
18-1	Springs at Haverstock Rd : - explore options to return to natural environment.	Healthy Waters	Public access needed for business case. Budget limited.	Ongoing
24-1	Document future legal access for the public to Ministry of Education land at Lyon Ave site, since the only access is via Morningstar Apartments gate and land.	WC		

24-3	Clarify whether seeds and plants sourced by STEPS can be included in Watercare's OSRP.	WC		
25-1	More discussion required on maintenance and sedge planting			
25-2	More discussion required on land ownership issue at Lyon Ave.			
25-3	Te Ngahere and GAJV to meet with STEPS re plant sourcing.	GAJV/ STEPS		
25-4	Feedback on Plant Rooms to be given to Peter Wilson.			
25-5	Other requests from STEPS on matters not covered in the meeting:  Provision of information on: 1) Progress at Haverstock and Mt Albert sites on plant lists with the landowner. 2) Planting dates at all sites.  Further discussion on: 1) Art linkages  2) Public walkway Camden Rd.  3) Maintenance period for plants Responsibilities for plants for first 5years, OSRP and Meola Enhancement projects	Watercare  GAJV  Watercare  AELB/ STEPS  Watercare/ AC Parks/ STEPS		