

Draft Minutes Notes

Kendall Bay Sediment Remediation Project Community Liaison Group CLG & BPCA
Meeting #16
Thursday, 11 July 2019, 6.00pm-8.00pm



Meeting Title:	Kendall Bay Sediment Remediation Project Community Liaison Group CLG & BPCA Meeting #16		
Date:	Thursday, 11 July 2019	Time:	6.00pm-8.00pm
Location:	Site Office, 140 Tennyson Road, Mortlake	Security:	Public
Attendees:	CLG representatives; Pratap Katarya (part) Rod Jeffrey Tony Robertson Laurie Ihnativ Steven Matthews Val Southam Graeme Stevens Jemena representatives; Oliver King Phil Hutson Barbara Ferry-Smith Ventia Representatives; Nathan Sparke Jay Gaul		
Apologies:	Peter Ryrie, James Harb, Phil Kerrigan, Ralph Rawlinson, Ralph Stedman, Glenda Rogers.		
Next Meeting:	To be organised as required		
Meeting Purpose:	Jemena – Consultation on Consent Conditions & Project update		

Item	Topics	Action/Notes
1.	Welcome and Introductions. Jemena Project Manager, Phil Hutson welcomed and thanked the CLG representatives for their involvement and valuable input into the Project throughout the journey towards Consent which was received from the Department of Planning & Environment (DP&E) on 31 May, 2019. Jemena & Ventia team members introduced themselves.	
2.	General Update Presentation The slide presentation will be shared along with the meeting minutes for CLG / BPCA members information and to share with other community members. Project received approval end May 2019 – we are now in the process of preparing management plans & reports for DP&E approval, prior to work commencing. Work onsite is estimated to start in early September 2019 (firstly with set up of the Staging Site at 140 Tennyson Road, Mortlake). Jemena confirmed that the Consent Conditions were largely as expected.	Jemena to send Meeting Minutes & Slide Presentation to CLG Members.

Item	Topics	Action/Notes
	<p>Jemena provided an explanation of work stages; site mobilisation, set up silt curtains & sheet-piles. Design of silt curtain layout considers expected water movement in Kendall Bay.</p> <p>Seawall Protection. Ventia discussed the key focus of the works is to ensure the integrity of the existing seawall. Ventia mentioned they were responsible for protection of the seawall, and are responsible for any repair of material structural damage to the wall that is directly related to the remediation works completed by Ventia, if it occurs.</p> <p>Ventia confirmed a copy of dilapidation report would be sent to BPCA prior to the commencement of the remediation works in Kendall Bay. A photographic survey will be undertaken to note the existing condition and any features of the wall prior to and post works. Proactive management will be done by movement and vibration monitoring.</p> <p>Ventia discussed the various methods to monitor and protect the seawall.</p> <p>The design of the excavation works and the movement and vibration monitoring plan developed by Coffey Geotechnics addresses how the works will be completed. Management plans will be publicly available on the Jemena website prior to commencing works. Key methods include;</p> <p>Daily movement and vibration monitoring for sheet pile installation and removal works – particularly where these works are in close proximity to the existing seawall i.e. the western side of the sheet pile wall in remediation area SA1. The movement and vibration monitoring of the seawall will be compared against specific criteria with trigger levels (action response – amber & red).</p> <p>The excavation works near the seawall will involve a slot excavation methodology and will adopt an appropriate rate of progress. The works will involve excavation of small areas at a time and the reinstatement of clean material in a timely manner.</p> <p>Backfilling slots with clean sand & cobbles. Not using cement materials.</p> <p>Monitoring locations/vibration sensors (slide shows the planned locations) located strategically nearby works.</p> <p>Traffic Management; Jemena advised that a key focus is on managing traffic impacts, safe vehicle movements, managing people & plant, and minimising disruption to the local community.</p> <p>Jemena noted that the methodology of insitu-stabilisation provided significant benefits in reducing the volume of materials requiring excavation and disposal off site – thereby reducing truck traffic.</p> <p>Key focus will be to;</p> <p>Communicating with the community when works are occurring; (different phases when there will be more/less trucks)</p> <p>Driver inductions & Code of Conduct</p> <p>Procedures to communicate with drivers (staging of trucks, minimise or eliminate queuing at the Staging Site). There is room on site for 2 trucks at any time.</p> <p>Defined routes for trucks has been selected – survey confirmed the best routes to avoid disturbances. Back-up routes noted if any issues arise with main route.</p> <p>Diagram of Staging Site – shows how trucks enter and manoeuvre around site so they enter and exit in a forward motion (safer).</p> <p>DP&E have approved standard construction hours 7am-6pm Mon-Fri and 8-1pm Sat.</p>	<p>Ventia to provide Dilapidation Report to BPCA.</p>

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	<p>Ventia explained that truck movements will depend on the different activities and are estimated to be between approximately 3 – 25 trucks per day. The heavier days are expected only during certain portions of the project (e.g. during removal of sediments offsite for disposal or for import of clean sediment for reinstatement in Kendall Bay). General discussions followed around the flow of vehicles at peak times – and noted that there may be potential traffic issues near Whittaker street during peak times. Agreed to review this and action if appropriate.</p> <p>Discussions included;</p> <p>Cumulative impacts of traffic from other developments. Advised that DP&E take this into account during the EIS assessment phase. Ventia will reinforce the Code of Conduct to truck drivers to ensure they adhere to safe driving behaviours, including adherence to speed limits.</p> <p>Ventia confirmed there will not be any materials treatment on site. A cement tanker and crane (or similar) will be used to handle materials on/off barges will be located at the Staging Site.</p> <p>Noise Management. Jemena explained that the project is expected to create noise similar to that during the trial. The installation of sheet pile walls will most likely be the noisiest of the works. Noise monitoring will be undertaken with real time readings of noise to report against guidelines.</p> <p>Mitigation measures will include; Inductions to ensure workers proactively look to reduce noise; Working during approved hours, Equipment is working well and not making unusual noises, and regular Community Notices to advise on works that may be noisy.</p> <p>Discussions included;</p> <p>Bike path - confirmed that the bike/pedestrian path will remain open during the works.</p> <p>Sheet pile work timeframes – estimate that work will start at the Staging Site in September. The project anticipates to be on-the-water for installation of sheet piles (Northern area first for 8-10 weeks and then the Southern area for approx. 10 weeks). Piling walls are the superior environmental control, hence the EPA and project team preferred this high level of environmental protection. Current sheet pile installation will be completed in the North and then move to the south.</p> <p>Mangroves - the southern sheet pile wall location is just north of the main group of Mangroves. Original proposals were to remove all mangroves - however given community feedback, only 1 large mangrove with some small off-shoots are now planned to be removed. Some mangroves may require trimming along the southern boundary.</p> <p>Air Quality. Jemena confirmed that assessment shows that any potential Odour's experienced on the foreshore are not associated with Health impacts. The odour is currently present during certain conditions and this odour is likely to be experienced during excavation works. One of the key objectives of the remediation works is to target the odorous sediment and remove/treat it permanently – so there may be some short term odours for a long term benefit.</p> <p>Mitigations include; using sealed bins that can be progressively filled, sealed and transported to the Staging Site (to be trucked to licenced facilities/landfill for treatment). The benefits of Insitu-Stabilisation method means that the majority of sediments are treated under the water, reducing the opportunities for odour. Odour monitoring will take place along the foreshore. Good housekeeping (minimise time materials are exposed to air) and proactive cleaning-up of any spills. Regular Community notifications will be distributed when potentially odorous works are anticipated, and community feedback will be sought.</p> <p>Discussions included;</p>	

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	<p>Jemena explained that the ISS method had performed well in the Trial – and exceeded expectations. A recent visit to the USA earlier this year also proved valuable to see similar work underway. Whilst ISS (marine) is in infant stages in Australia – has been successfully applied in marine environment in Finland & USA.</p> <p>Further discussions around what materials will be removed – the top layer of sediments (varies approx.300mm to 1 metre – slightly deeper in the southern area where more material is exposed at low tide). Pre-dredging will occur to remove obstructions and to manage water depth/s. The top layer of stabilised materials will also be removed to enable a clean cap of material to be placed at the surface. Remediation will target odorous materials that are exposed at low tide along the seawall.</p> <p>Discussed the need for a contingency plan if the odour is higher than anticipated. Prior to work, the weather conditions (and other mitigations) will be reviewed/implemented as required. Odour is likely to be more noticeable on still days – when it doesn't dissipate and move. CLG members that live close to the works will liaise with Jemena's Community Liaison Manager to discuss actions.</p> <p>Timeline. Project is aiming to commence work in September 2019 – involving initial set up of the Staging Site (Tennyson Road). On-the-water activity is expected to begin in Oct/Nov 2019. Total program is approx.15 months, significantly less than the 16-28 month program noted in the EIS. Agreed it's in everyone's best interests to complete works as efficiently as possible.</p> <p>Site Auditor – Tom Onus, Ramboll (Graeme Nyland- previous Site Auditor still assisting as needed). The CLG requested a confirmation of Tom's EPA Site Auditor accreditation. Noted the Site Auditor is required to inspect the works regularly and will be keep up to date as works progress.</p> <p>Discussions included;</p> <p>Works occurring over Christmas period particularly in relation to Sheet Piling. Ventia advised that work will not occur on Sundays or Public Holidays. Jemena and Ventia to consider potential shut down over Christmas period and to advice CLG. CLG noted the Breakfast Point Country Club is heavily utilised over Christmas.</p> <p>Communications. Jemena provided details of the various communication methods and contacts that will be available to the CLG and the local community, including;</p> <p>Regular notifications to explain upcoming works, timing and potential impacts.</p> <p>Contact details via phone, email and project portal (website) for ease of contact – particularly in the event of complaints, feedback or concerns.</p> <p>Complaints protocol ensures efficient/timely response & investigation of complaints.</p> <p>Discussions included;</p> <p>Idea's around placing signage along the foreshore (at each end) would be helpful to locals and visitors. Similar noticeboards to that of the local IGA (and use the IGA noticeboard).</p> <p>Confirmed that when the Jemena Community Manager is on leave, a contact will be provided so there will always be a contact available.</p>	

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	<p>Questions</p> <p>Q: What are the vibration limits/criteria for monitoring along seawall? Consideration of the toe of seawall and a contingency plan for damage to the wall (note contaminated soil is expected behind the seawall)</p> <p>A: Priority and first focus is to make sure this doesn't happen – using mitigations detailed above. The Coffey Geotechnics report outlines the limits/monitoring and dilapidation report will be provided to the owner's of the seawall (BPCA).</p> <p>Q: Will the sheet piles be left in place?</p> <p>A: Southern sheet pile walls (all 4 sides) will be pushed/cut off at low-tide level. Northern sheet pile wall will be removed.</p> <p>Q: The wall area in front of Hunter Wharf shows potential evidence of movement (outward) where you can see gaps between tiles and pavement behind the wall.</p> <p>A: Information noted.</p> <p>Q: What is the remediation strategy in the central southern remediation area (SA3)?</p> <p>A: The Southern remediation area SA3 (shown with a purple boundary on the slide) has a different remediation strategy (not ISS) – being the removal of upper 20-30cm to provide visual amenity. Replaced with clean sand.</p> <p>Q: Batching plant timeframe?</p> <p>A: Approximately 6-9 months. Remediate Northern area first then move to Southern area.</p> <p>Q: Where is material going?</p> <p>A: Several options available including Quarry Road Erskine Park. The facility will be an EPA licenced facility.</p> <p>Q: What if contractual issues were to occur between Jemena and Ventia?</p> <p>A: Both parties are working under a clear contract and are obligated to complete the works as agreed.</p> <p>Q: Advised that BPCA require a copy of the Coffey Geotechnic report – if it could be sent asap so they can review it (via formal correspondence to the Association).</p> <p>A: Yes, a copy of the report will be provided to BPCA.</p> <p>Meeting closed at 8pm.</p>	