

Securing the Future of our Coastline

Community Reference Group
Meeting 3: 12th October 2020



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Department for Environment
and Water

Welcome and Introductions

- Acknowledgement of Traditional Owners
- Apologies
- COVID 19
- Meeting time – conclude at 8:30pm



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Meeting Protocols

- Respect the person who has the floor
- Respect different views – create a safe environment for everyone
- Participate and collaborate don't dominate
- Say what you mean, mean what you say
- Don't be personal in your views
- Have your say but don't go over old ground
- Acknowledge historical issues, but look for solutions / ways to move forward

Meeting Purpose

- Provide a brief status update on the pipeline and external sand project
- To commence discussions on the pipeline with a focus on the alignment
- To discuss approach to the impact assessment phase 2 as it relates to informing the pipeline strategy (intakes, outlets)

Agenda

1. Welcome and introductions (Steve)
2. Project status update (James)
3. Pipeline co-design methodology / approach
4. Pipeline alignment – constraints and opportunities
5. Impact Assessment – phase 2
6. Wrap up and close (Cate and Steve)

Meeting Summary

17 August 2020



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Outcomes from the meeting 17 August 2020

- Terms of Reference agreed
- Co-design approach to pipeline concept agreed
- Ongoing mixed views about the long term adopted coastal management strategy
- Impact Assessment phase 2 to help inform pipeline design (intakes/outlets)
- Next meeting to begin to focus on pipeline alignment

2. Project Status Update



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Interim Replenishment

- Spring 2020 sand movement started today (12/10/2020):
 - 20,000m³ from Semaphore (between Semaphore and Largs Bay jetties) to West Beach.
 - 10,000m³ to Rockingham and 10,000m³ to West Beach Parks.
- No sand will be placed at Henley Beach South – to avoid disturbance to Hooded Plovers at River Torrens outlet.
(chick hatched last week)
- Autumn 2021 campaign will be based on Jan 2021 survey data.

Independent Impact Assessment

- Water Technology has presented draft findings to the CRG sub-working group.
- Feedback provided to Water Technology to prepare draft report.
- Final report will be circulated to CRG.

New Pipeline

- DIT procurement plan endorsed by Project Steering Group.
- DIT now seeking final internal approvals.
- Expect to invite Expressions of Interest by end of October 2021.

External Sand

- Port Stanvac offshore sand source:
 - Lab results have confirmed no contamination.
 - Awaiting further results (grain size etc.)
 - Additional 7 cores this week in most promising areas.
- Quarry sand:
 - Small scale trial into West Beach Parks at the end of the spring sand movement works (November)

Community Engagement

- Info sessions at existing pipeline: 20th and 23rd October.
- Coasts Info van on site at Semaphore and West Beach during the sand movement works (Oct and Nov).
- Metro-wide survey by "Square Holes" – summary results received, final report will be circulated to CRG once received.

Dashboard: Project

	Total	Lives in a beach side suburb	Does not live in a beach side suburb	Non beachside council
Overall agreement with strategy of moving sand from the northern to southern beaches [Those who responded 'strongly agree' or 'agree']	75%	71%	75%	76%
Overall support for the 'Securing the future of our Coastline' project [Those who responded 'strongly support' or 'support']	81%	94%	82%	77%
Importance for information surrounding projects such as this to be shared [Those who responded 'extremely important' or 'important']	73%	88%	69%	72%

3. Pipeline co-design methodology / approach

Co-design Approach

1. Pipeline Alignment

- a) Work along the coastline identifying constraints, opportunities, issues.
- b) Conceptual pipeline alignment prepared by DEW.
- c) Further session(s) to refine the conceptual alignment.
- d) Refined conceptual alignment discussed in more detail with specific resident groups
- e) Design consultants incorporate technical issues and constraints and produce draft designs.
- f) Sessions to provide feedback on detailed designs.

Co-design Approach

2. Intakes / Outlets

- Outcomes of impact assessment work considered
- Inlets, outlets, collection areas discussed.
- Specific workshops to work along specific sections of the coast

Co-design Approach

3. Above Ground Infrastructure

Prior to engagement of design consultants:

- Develop guiding principles for design and locating of above ground infrastructure
- Guiding principles given to design consultant

Following appointment of design consultant:

- Possible locations based on hydraulic considerations are identified and discussed
- Draft design options that deliver against the guiding principles are considered and discussed
- Final locations and designs are confirmed

4. Pipeline Alignment



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Pipeline Alignment

- Scope for workshop – to consider constraints and opportunities to inform an alignment from existing pump station (end Burbridge Road) to south of Semaphore Jetty (initial pipeline concept)
 - Commence at West Beach end and work north identifying
 - Areas to avoid
 - Options to explore
 - Area to the north of Semaphore Jetty yet to be determined



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7. Wrap up and Close

Engagement approach (phases)

	Pipeline project	External sand	Immediate beach replenishment
Phase 1 November 2019 – Dec 2020	Preliminary engagement phase <ul style="list-style-type: none"> • Planning and design for construction of sand recycling pipeline • Investigations for large scale beach replenishment with sand from external source • Community Reference Group established • Governance arrangements in place – work with councils through project Management Group • Build broad public awareness and education about projects 		Beach replenishment undertaken Sand movement works from Semaphore to West Beach while pipeline and external sand projects developed
Phase 2 2020-21	Public engagement phase Public engagement on design of pipeline, locations for infrastructure, etc.	Public engagement phase Public engagement on external sand source	Timing: 2 x sand movement campaigns in 2019/20 2020/21 (likely autumn and spring each year)
Phase 3 Late 2020-21	Development assessment period Lodge pipeline design for Development Approval	Approvals period TBC	<ul style="list-style-type: none"> • Semaphore working group established
Phase 4 2021-22	Construction of pipeline Timing TBC	Delivery of external sand & sand dune restoration and revegetation in partnership with local councils and community groups	
Phase 5 2022-23	Pipeline becomes operational		

Conclusion

Cate Hart

Executive Director Environment Heritage and Sustainability, DEW
Chair of the Project Steering Group.



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