

Securing the future of our coastline

DRAFT Meeting notes

Community Reference Group

Meeting 6 - Tuesday 18 May 2021

Grange SLSC, 6.00pm to 8.30pm

We would like to acknowledge this land that we meet on today is the traditional Lands for the Kaurna people and that we respect their spiritual relationship with their country. We also acknowledge the Kaurna people as the custodians of the greater Adelaide region and that their cultural and heritage beliefs are still as important to the living Kaurna people today

The department acknowledges that the discussions and principles raised at each reference group meeting, and/or outcomes as recorded in the meeting notes, do not necessarily indicate agreement by all reference group members or the community groups they represent.

Attendees

- Port Adelaide Residents Environment Protection Group - Tony Bazeley
- Henley Sailing Club – Brenton Scott
- Save West Beach Sand- John Dundon
- Henley Beach South / West Beach working group – Alan Young & Stephen Perry
- Semaphore Largs Dunes Group - Sandra Dann
- Tennyson Dunes Group - Nick Crouch
- Friends of Gulf St Vincent – Mark Pierson
- Birdlife Australia – Aleisa Lamanna
- Western Adelaide Coastal Residents Association – Geoff Short & Bert Brown
- Taperoo Dunes Group – Ross McColl
- Save our Shores Semaphore to Largs - Warwick Norman
- City of Charles Sturt – Sam Higgins – proxy for Shane Broadbent
- City of Port Adelaide Enfield – Simon Trill
- Department for Environment and Water, Cate Hart
- James Guy, Project Manager, DEW
- Linda Durham, Engagement Coordinator, DEW
- Janet Pryor, Senior Engagement Coordinator, DEW
- Steve Dangerfield (facilitator)

Guests

- Tim Ennis, Senior Engineer, Tonkin
- Doug Lord, Coastal Environment

Apologies

- Surf Life Saving SA – Julie Quimby
- Coastal Ecology Protection Group – Monique Webber
- Henley Dunes Care Group - Bernadette Cranwell
- Grange Surf Life Saving Club – Joe Pedicini

Absent

- Conservation SA – Craig Wilkins
- Wild Endangered Dunes Group (WEDGE) – Geoffrey Reed
- Friends of North Haven Dunes Group - Jan Blake
- Adelaide Sailing Club – Peter Royle
- Henley Surf Life Savings Club – Rae Lawson
- Semaphore Surf Life Saving Club – Paul Breden
- West Beach Surf Life Saving Club – Peter Zuill

1. Welcome and Introductions

- Steve Dangerfield welcomed everyone to the meeting and provided an update on the apologies and proxies and reminded everyone about the meeting protocols.
- Steve highlighted the meeting purpose, agenda items and confirmed the actions from the previous meeting noting the previous meeting summary notes were finalised and published on the department website.
- Steve introduced Tim Ennis from Tonkin Consulting, Doug Lord from Coastal Environment and the two new CRG members, Alan Young and Stephen Perry who represent the West Beach & Henley Beach South working group, highlighting the group's equivalence to the established Semaphore working group.

2. Project status update

- James Guy provided a project update.
- *Interim replenishment:*
 - James noted the 2021 quantities of sand moved from River Torrens Outlet to replenish West Beach Rockingham Street dunes and protect foreshore infrastructure.
 - James noted the recent sand moved from the southern side of the Semaphore South breakwater to replenish the Semaphore South dunes (erosion 'hot spot') noting that another 4,000 plants will be planted this year and more sand may need to be moved to top up the Semaphore South dunes before winter, depending on what events occur over the coming weeks.
 - James noted the plan for the next interim replenishment works noting that there is still 36,000 cubic meters of sand to source and that further discussions will take place at the next Semaphore Working Group meeting.
- *External sand:*
 - James noted that 250,000 cubic meters of sand will be delivered from land based quarries to West Beach starting mid to late July 2021 through to December 2021 and local businesses and West Beach Parks are being engaged.
 - James noted that quarry sand may come from a range of sources and the initial order will come from Mt Compass.
 - James noted that discussions with PIRSA and SARDI regarding the feasibility of Section Bank as a source of external sand are still ongoing, but that the Section Bank is not a feasible source of external sand within the timeframes required for the project.
- *Semaphore to West Beach sand recycling pipeline:*
 - James noted that preliminary investigations of ground condition at various locations between West Beach and Largs Bay are commencing on 19 May 2021 for a few weeks.
 - James noted that the pipeline project delivery was progressing and the current draft design concept extends to the Semaphore South breakwater. Whilst preliminary investigations may occur at locations north of the breakwater, extending the pipeline past Semaphore is not currently within the current project scope and is subject to budget and approvals.
 - James noted that the intent is for the pipeline detailed design and the development approval process to be completed by September 2021 for pipeline construction to occur in 2022.

Note: Interest was expressed regarding the costs of the new rock wall and surf club at West Beach. Sam Higgins from City of Charles Stuart Council has since provided the total cost of the rock wall - \$7.28m which includes \$1.25m contribution from the Coast Protection Board. This includes the central section and landscaping, northern section and beach access ramp.

Note: Concerns were expressed regarding the interim replenishment works at West Beach suggesting they had not been successful as there had not been enough sand brought in to replenish West Beach prior to winter storms. It was suggested that prior to Christmas 2021 a total of 400,000m³ of sand should be brought in to replenish West Beach as follows:

- 90,000m³ to complete the 2020-21 interim replenishment
- 250,000m³ of quarry sand as announced by the Minister
- 60,000m³ to replace the sand that will be moved northwards by littoral drift from July to Dec (being half of the average annual littoral drift of 120,000m³ per year).

3. Pipeline co-design approach

- Steve recapped on the work already undertaken by the Community Reference Group on the pipeline alignment and above ground infrastructure noting this was passed onto Tonkin consulting for review and consideration with the draft concept pipeline alignment for tonight's meeting.

4. Presentation: Doug Lord - Phase 2 Impact Assessment Overview

- Steve introduced Doug Lord (Coastal Environment) noting they had been engaged on advice from CRG members to undertake the Phase 2 Impact Assessment.
- Doug noted the purpose of his engagement to independently assess the long term impacts of moving sand from the northern beaches using the new sand pumping system to recycle sand on an annual basis from the northern beaches to West Beach to match measured sediment transport rates out of West Beach.
- Doug gave a high level overview on his preliminary findings for the Phase 2 Impact Assessment based on the scoping document he had received from the department.
- Doug highlighted the points that came from his initial study – making reference to Andy Short's seminar.
- Doug highlighted that sand is a finite resource in the Gulf and the importance of ongoing replenishment for West Beach.
- Doug highlighted the department's coastal data set to inform modelling and decision making and that it was one of the best data sets in the world.
- Doug provided an overview of the previous assessments used to inform his study and highlighted the complexity of moving and calculating sand from cell to cell.
- The draft Phase 2 Impact Assessment report is due in the coming weeks and will be shared with the CRG.
- Questions and discussion followed Doug's presentation.
- James and Doug noted that the DRAFT Phase 2 Impact Assessment report will be shared with the CRG once completed.

Note: The Impact Assessment Phase 2 scoping document is available on the department's website.

5. Presentation: Tim Ennis – Draft pipeline design

- Steve introduced Tim Ennis noting that this is the initial concept design that has been put together by Tonkin Consulting and that the CRG are the first to view it.

- Tim gave an overview of the sand recycling pipeline components
 - Refer to presentation slide 1.
- Tim highlighted the sections for tonight's discussion – refer to presentation slide 2.
- Tim noted that the current draft pipeline design only goes to Semaphore South.
- The group worked through the draft alignment and preliminary comments were noted by the department.
- The CRG will have the opportunity to contribute specific feedback on the preliminary draft design concept via the online mapping tool to be provided in the coming week(s).

NOTE: Subsequent questions and concerns regarding both presentations submitted by group members after the meeting are being collated and will be addressed at the next CRG meeting.

6. Wrap up and close

- Steve outlined the next steps was to meet in late June / early July 2021 – date to be advised.
- Cate Hart thanked the group for their ongoing commitment and encouraged future participation.
- Cate reiterated her position at all management levels for the *Securing the future of our coastline* project and assured the group that community concerns are being raised at management levels and reviewed in the broader context of the project.

Action list (updated June 2021)

Action	Meeting date	Responsibility	Due date	Status
Continue to seek CRG youth representation		Linda	On-going	
Send out URL mapping tool of draft concept alignment to all CRG members for feedback		All members	14 June 2021	URL distributed and members to provide feedback by 14/6/21
Confirm that the quarry supplying the initial 75,000 tonnes of quarry sand is certified phytopthera free		James	ASAP	Completed
Share the beach infauna studies conducted by Birdlife Australia with the CRG group		Alesia Lamanna	ASAP	