

Community Reference Group

Project Name	Mount Bold dam safety upgrade					
Date	8/07/2021		Time	6:00pm-7:30pm		
Location	Clarendon Primary School		Meeting no.	5		
Facilitator	Selene Seet		Note taker	Selene Seet		
Attendance Ab = Absent Ap = Apologies P = Present	Peter Watton, Friends of Scott Creek Conservation Park (FSCCP)	P	Luke Price, Landscape SA (LSA)	Ap	Adam Schutz, Native Vegetation Branch (DEW)	Ap
	Shaun Thomas, Environmental Protection Agency (EPA)	P	Pru Fowles, Clarendon Community Association (CCA)	P	Amelia Hurren, Bush for Life/Trees for Life (BFL/TFL)	Ab
	Morgan Ellingham, City of Onkaparinga (CoO)	Ap	Pam Scanlon, Old Noarlunga Resident Association (ONCRA)	Ap	Tim Jury, Nature Conservation Society of SA/Threatened Plant Action Group (NCSSA/TPAG)	Ab
	Merle Simpson, Kaurna Representative	Ap	Eric Von Wielligh, SA Water (SAW)	P	Selene Seet, SA Water (SAW)	P
	Charmaine Noack, SA Water (SAW)	P	Jane Wilson, SA Water (SAW)	P		

1 Welcome and introductions

Meeting opened with introductions and apologies as noted above.

2 Notes and actions from last meeting

Previous meeting summary circulated on 22 March 2021 was accepted without amendment or comment.

SAW circulated information about the old 20th century exploratory tunnel near Clarendon Weir together with the meeting summary. CCA to follow up DIT road sign upgrade request with CoO representative.

3 Project update

SAW provided a project update with key points and areas of discussion summarised below.

a. Design and construction

SAW is currently developing two design options through concept which includes the higher level of flood attenuation. Mount Bold reservoir can provide limited flood attenuation when the dam is not full noting that the dam is full approximately once every five years. Additionally, about 60 per cent of water is pumped from the River Murray in Summer to top up storage levels.

The current design option (F2) will provide a slightly improved level of flood attenuation to up to 1:100 AEP based on joint probability (i.e. dam is not always full at the start of a rain

event)/1:18 AEP if the dam is full at the start of a rain event. The dam currently provides flood attenuation up to approximately 1:10 AEP when the dam is full. It was asked if water would spill over the new primary slot in the case of a 1:100 event. SAW advised that it would and that the Mount Bold slot will be sized to limit flows up to 120m³/s which represents flows of 170 m³/s downstream at Old Noarlunga when flooding occurs.

b. Environment

SAW advised that further surveys will be done in Spring 2021 as last Spring was not a good season, in particular work will be done on threatened orchids around the temporary upstream inundation areas. The updated temporary inundation map (slide nine) represents the various vegetation communities found.

An aquatic assessment downstream of the dam wall to the bridge on the main road access into Mount Bold (approximately 1.5km section) will also be conducted in Spring 2021.

c. Timeline

A recap of the project timeline was provided noting that detailed design will commence from early 2022 and construction from 2023. The project continues with planning to meet numerous required approvals.

4 Reservoir access

a. Masterplan

An overview of the reservoir access concept masterplan representing post-construction was presented to the group. This looks at options to increase the visitor experience and opening up access beyond the top of the dam wall. It includes an upgrade of the new entrance gateway at the end of Mount Bold Road with a culvert bridge to cater for 1:100 year flooding. Additionally, a flat area on the western side downstream of the dam proposed for worker carparking and assembly of post tension anchors (i.e. temporary laydown) during construction, has been identified as an ideal location for picnicking activities after construction.

b. Stage one

Stage One of the masterplan will deliver increased land based access by the end of 2021. This includes a southern lookout, 12km of walking trails linking to existing Heyden and Kidman walking trails, carparking, toilet and picnic facilities from Razorback Road.

It was noted that the infrastructure proposed for Stage One is located away from native vegetation sites cared for by Bush for Life and Friends of Scott Creek Conservation Park.

Attendees indicated that the recreational access proposed seemed to be a reasonable offering for Mount Bold while preserving water quality.

A question was raised in relation to whether on-water access is planned for Mount Bold and SAW advised it was not part of Stage One and would be challenged by the steep terrain of the reservoir reserve and limited access points to the water. It was noted that nearby Happy Valley Reservoir will allow for on-water activities which will be available by the end of the year.

It was also asked if there would be walking access around Clarendon Weir. SAW took this on notice for follow up and advised that it wasn't currently included in the Opening Up Reservoirs program.

SAW committed to keeping the group informed as planning and construction progresses for Stage One recreational access.

5 Next meeting

SAW advised it would circulate the Watertalks website link for both the dam safety upgrade and reservoir access and welcomed feedback through those channels.

Attendees were asked if the 6pm time still suited or if a weekday timeslot may be preferred. The group advised that 6pm worked but could also make a daytime work if on a Monday or Tuesday. It was proposed to email all members in advance of the next meeting to check the best time.

Open Action Items Register

No.	Action	By Whom	Date Raised	Date Due	Status
1.	Circulate 08/07 meeting summary and presentation slides	SAW	8/07/21	22/07/21	
2.	Community member to email details of requested DPTI road sign upgrade to the local council representative on the group	CCA	29/9/20	N/A	
3.	SAW to follow up if reservoir access is planned around Clarendon Weir	SAW	8/07/21	TBC	
4.	SAW to provide Watertalks website links for the dam safety project and reservoir access	SAW	8/07/21	22/07/21	