

Bund Identity Ref Drawing 1029 Rev 02	Bund Width (m)	Bund Length (m)	Height of Bund Wall (m)	Bund Volume m <sup>3</sup>	Next testing due/ scheduled	Status	Bund Contents	FWR Volume m <sup>3</sup>
Bund No. 1	5.50	9.40	0.90	47.41	Jul-25	NA	T913, T914, T915, T916, T917, T918	47.41
Bund No. 2	6.80	9.00	0.60	28.24	Jul-25	NA	T907, T908, T909, T911, T912	28.24
Effluent Tank Bund	5.50	14.50	1.00	42.40	Jul-24	NA	Effluent Tank A, Effluent Tank B, Tank D	42.40
Bund No. 6	3.58	5.00	0.53	6.79	Jul-26	Report Pending	Chiller & Glycol Tank Bund	6.79
Bund No. 7	6.15	7.65	0.14	6.58	Jul-26	Report Pending	Drums and IBC's	6.58
Bund No. 8	5.10	6.55	0.60	19.00	Jul-25	NA	T905, T906, T922, T923	19.00
Acids Bund	6.85	12.00	0.09 (Ramp Height =2-3')	7.40	Jul-26	Report Pending	Drums and IBC's containing acids	7.40
Bases Bund	6.85	12.00	0.09 (Ramp Height =2-3')	7.40	Jul-25	NA	Drums and IBC's containing bases	7.40
Mobile Bund 1	1.10	1.10	0.40	0.48	Jul-25	NA	Caustic for Drum washing	
Mobile Bund 2	1.10	1.10	0.40	0.48	Jul-25	NA	Acid drums for Effluent	
Mobile Bund 3	1.10	1.10	0.04	0.48	Jul-25	NA	Base drums for Effluent	
Mobile Bund 4	1.35	2.56	0.51	1.76	Jul-25	NA	Caustic for Scrubbers	
Mobile Bund 5	1.35	2.56	0.51	1.76	Jul-25	NA	Peracetic Acid	
Mobile Bund 6	1.35	2.56	0.51	1.76	Jul-25	NA	Caustic for Scrubbers	
Mobile Bund 7	-	-	-	0.25	Jul-24	NA	DIW drum Bund	
Mobile Bund 8	-	-	-	0.25	Jul-24	NA	Oxidiser Drum Bund	
Mobile Bund 9	-	-	-	0.25	Jul-24	NA	Mixed Solvent for Lab (new in 2018)	
Mobile Bund 10	-	-	-	0.25	Jul-25	NA	Oil	
Mobile Bund 11	-	-	-		Jul-25	NA	Hydrogen Peroxide ( new Oct 2022)	
Mobile Bund 12	-	-	-		Jul-25	NA	Caustic for Scrubbers (new Oct 2022)	
Mobile Bund 13	-	-	-		Jul-25	NA	Peracetic Acid (new Oct 2022)	
Mobile Bund 14	-	-	-		Jul-25	NA	Oil (new Oct 2022)	
Mobile Bund 15	-	-	-		Jul-25	NA	Raw Materials for TBE	
Mobile Bund 16	-	-	-		Jul-25	NA	Raw Materials for TBE	
U4B1	1.40	3.60	0.17	0.66	N/A	NA	Double banded Oil Tank	
U8B1	N/A	N/A	N/A	N/A	N/A	NA	Double banded Oil Tank	
U10B1	1.40	3.60	0.17	0.86	N/A	NA	Double banded Oil Tank	
U11B1	1.40	3.50	1.23	6.03	N/A	NA	Oil Tank removed	
Unit 4	16.00	18.00	0.12	34.56	N/A	NA	NEW TBE UNITS	34.56
Unit 6*	16.00	18.00	0.15	33.70	Jul-26	Report Pending	In Process Drums and IBCs in warehouse	33.70
Lab Spill Tray 1	1.25	2.50	0.16	0.50	Jul-24	NA	Not in use	
Lab Spill Tray 2	0.96	1.90	0.15	0.27	Jul-24	NA	Not in use	
<b>Sumps</b>								
Fire Water Retention	NA	NA	NA	870	May-23	Test Due	Empty except for rainfall	870
Unit 2 Sump SS	1.52	1.53	1.22	2.80	Jul-22	Test Due	Backyard drainage & process water	3
Unit 3 Sump New SS	0.55	1.85	1.34	1.36	Aug-23	Test Due	Backyard drainage & process water	1
B8 to U3 Sump Drain	0.27	5.00	0.50	0.68	Aug-23	Test Due	Backyard drainage	1
Unit 5 Sump New SS	0.95	1.87	1.85	3.29	Aug-23	Test Due	Backyard drainage & process water	3
Fire Water Sump					Jul-26	Report Pending	Empty except for firewater use.	0
Front Yard Sump					Jul-23	Test Due	Empty except for rainfall	1
Top Yard Sump					Jul-23	Test Due	Empty except for rainfall	5

\* To be tested once new racking is installed

The following is a list of below surface conduits that are in use on-site at Arran:

Name	Description / Location	Next testing due	Status	Use	CCTV or Integrity
Line A	Sewer SE1 ~18meters	Jul-26	NA	Effluent Discharge line to WWTP	Integrity
Line B	Gully to Main Unit 2 Sump ~5 meters	Jul-23	Test Due	Drainage of backyard	CCTV
Line C	Gully to Unit 3 Sump ~ 1 meter	Jul-23	Test Due	Drainage of backyard	CCTV
Line D	Sieve Room to Gully at Base Bund ~ 48meters	Jul-26	NA	Drainage of Sieve room	Integrity
Line E	Base Bund Gully to Unit 3 Sump ~ 10meters	Jul-26	NA	Drainage of backyard & sieve room	Integrity
Line F	Cooling Water Pond to Pilot Plant Sump	Jul-23	Test Due	Drainage of backyard	Integrity
Line G	Front Yard Gully 1 to FYS ~22meters	Jul-26	NA	Drainage of Bunded Front yard	Integrity
Line H	Front Yard Gully 2 to FYS ~10meters	Jul-26	NA	Drainage of Bunded Front yard	Integrity
Line I	Unit 4 to Base Bund Gully ~ 60meters	Jul-25	NA	Drainage of Unit 4	Integrity
Line J	Front Yard Gully 4 to FYS ~25meters	Jul-26	NA	Drainage of Bunded Front yard	Integrity
Line K	FYS to SW 1; ~32meters	Jul-26	Report Pending	Drainage of Bunded Front yard	CCTV
Line L	Unit 5 Sump to TBE Lab 11 meters	Jul-26	Report Pending	Drainage of TBE Lab	Integrity
Line M	Unit 5 Sump to Kilo Lab 21 meters	Jul-26	Report Pending	Drainage of Kilo Lab	Integrity
Foul Sewer	Domestic foul sewer; ~125meters	Jul-26	Report Pending	Domestic foul sewer	CCTV
Fire Water Diversion	Front of site from SW1 to firewater Sump	Jul-26	Report Pending	Diversion system to fire water retention	CCTV
Line N	Outfall Pipe (OP1) from TYS 8 metres	Jul-26	Report Pending	Drainage of Top Yard Sump	Integrity