

## Appendix D Water Quality Monitoring Data

Contract No. EP/SP/66/12  
 Integrated Waste Management Facilities, Phase 1  
 Baseline Water Quality Monitoring Data

Location	Date	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>note 4</small>	SS (mg/L)	Total Alkalinity (mg/L) <small>note 2</small>	Current Velocity (m/s) <small>note 2</small>	Current Direction (NSWE) <small>note 2</small>
C2	29/6/2018	Cloudy	Slight	Mid-Flood	B	7.8	05:30	6.84	8.24	26.28	28.8	2.24	8	-	-	-
C2	29/6/2018	Cloudy	Slight	Mid-Flood	B	7.8	05:31	6.87	8.26	26.31	28.8	2.23	8	-	-	-
C2	29/6/2018	Cloudy	Slight	Mid-Flood	M	4.4	05:32	7.01	8.26	26.17	28.8	2.24	9	-	-	-
C2	29/6/2018	Cloudy	Slight	Mid-Flood	M	4.4	05:32	6.97	8.27	26.16	28.8	2.22	9	-	-	-
C2	29/6/2018	Cloudy	Slight	Mid-Flood	S	1	05:33	7.19	8.27	26.10	28.8	2.17	9	-	-	-
C2	29/6/2018	Cloudy	Slight	Mid-Flood	S	1	05:33	7.23	8.31	26.32	28.9	2.20	8	-	-	-
M1	29/6/2018	Cloudy	Slight	Mid-Flood	B	9.6	05:55	7.38	8.28	25.93	28.8	2.08	11	-	-	-
M1	29/6/2018	Cloudy	Slight	Mid-Flood	B	9.6	05:55	7.40	8.28	26.02	28.8	2.04	11	-	-	-
M1	29/6/2018	Cloudy	Slight	Mid-Flood	M	5.3	05:55	7.90	8.31	25.68	28.9	2.38	8	-	-	-
M1	29/6/2018	Cloudy	Slight	Mid-Flood	M	5.3	05:56	8.04	8.33	25.65	28.9	2.32	9	-	-	-
M1	29/6/2018	Cloudy	Slight	Mid-Flood	S	1	05:56	8.21	8.34	25.59	29.1	2.15	8	-	-	-
M1	29/6/2018	Cloudy	Slight	Mid-Flood	S	1	05:57	8.28	8.30	25.51	29.1	2.49	9	-	-	-
F1	29/6/2018	Cloudy	Slight	Mid-Flood	B	7.6	06:20	7.13	8.33	25.55	29.1	2.20	7	-	-	-
F1	29/6/2018	Cloudy	Slight	Mid-Flood	B	7.6	06:20	7.14	8.34	25.42	29.2	2.30	7	-	-	-
F1	29/6/2018	Cloudy	Slight	Mid-Flood	M	4.3	06:21	7.12	8.34	25.52	29.2	2.36	8	-	-	-
F1	29/6/2018	Cloudy	Slight	Mid-Flood	M	4.3	06:21	7.11	8.34	25.46	29.2	2.15	6	-	-	-
F1	29/6/2018	Cloudy	Slight	Mid-Flood	S	1	06:22	7.04	8.34	25.44	29.2	2.15	6	-	-	-
F1	29/6/2018	Cloudy	Slight	Mid-Flood	S	1	06:22	7.05	8.35	25.45	29.2	2.13	7	-	-	-
B4	29/6/2018	Cloudy	Slight	Mid-Flood	B	4.6	06:45	8.37	8.34	25.48	29.2	2.20	7	-	-	-

Contract No. EP/SP/66/12  
Integrated Waste Management Facilities, Phase 1  
Baseline Water Quality Monitoring Data

Location	Date	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>note 4</small>	SS (mg/L)	Total Alkalinity (mg/L) <small>note 2</small>	Current Velocity (m/s) <small>note 2</small>	Current Direction (NSWE) <small>note 2</small>
B4	29/6/2018	Cloudy	Slight	Mid-Flood	B	4.6	06:45	8.35	8.34	25.48	29.1	2.23	7	-	-	-
B4	29/6/2018	Cloudy	Slight	Mid-Flood	S	1	06:45	8.44	8.34	25.33	29.3	2.12	4	-	-	-
B4	29/6/2018	Cloudy	Slight	Mid-Flood	S	1	06:46	8.45	8.34	25.41	29.2	2.32	6	-	-	-
CR1	29/6/2018	Cloudy	Slight	Mid-Flood	B	16.4	07:11	8.50	8.35	25.44	29.2	2.32	7	-	-	-
CR1	29/6/2018	Cloudy	Slight	Mid-Flood	B	16.4	07:11	8.49	8.33	25.36	29.2	2.30	8	-	-	-
CR1	29/6/2018	Cloudy	Slight	Mid-Flood	M	8.7	07:12	8.54	8.35	25.41	29.2	2.51	8	-	-	-
CR1	29/6/2018	Cloudy	Slight	Mid-Flood	M	8.7	07:12	8.51	8.38	25.49	29.3	2.52	7	-	-	-
CR1	29/6/2018	Cloudy	Slight	Mid-Flood	S	1	07:13	8.58	8.36	25.38	29.2	2.40	6	-	-	-
CR1	29/6/2018	Cloudy	Slight	Mid-Flood	S	1	07:13	8.58	8.36	25.28	29.2	2.37	7	-	-	-
CR2	29/6/2018	Cloudy	Slight	Mid-Flood	B	13.2	07:32	6.58	8.21	26.54	28.8	2.55	10	-	-	-
CR2	29/6/2018	Cloudy	Slight	Mid-Flood	B	13.2	07:32	6.59	8.21	26.55	28.8	2.53	9	-	-	-
CR2	29/6/2018	Cloudy	Slight	Mid-Flood	M	7.1	07:32	8.14	8.34	25.40	29.2	2.43	8	-	-	-
CR2	29/6/2018	Cloudy	Slight	Mid-Flood	M	7.1	07:33	8.07	8.35	25.35	29.2	2.28	8	-	-	-
CR2	29/6/2018	Cloudy	Slight	Mid-Flood	S	1	07:33	8.47	8.36	25.26	29.3	2.49	9	-	-	-
CR2	29/6/2018	Cloudy	Slight	Mid-Flood	S	1	07:34	8.48	8.37	25.28	29.2	2.51	9	-	-	-
H1	29/6/2018	Cloudy	Slight	Mid-Flood	B	7.4	07:53	6.54	8.17	27.29	28.6	2.36	9	-	-	-
H1	29/6/2018	Cloudy	Slight	Mid-Flood	B	7.4	07:53	6.51	8.19	27.34	28.5	2.38	8	-	-	-
H1	29/6/2018	Cloudy	Slight	Mid-Flood	M	4.2	07:54	6.24	8.18	26.97	28.7	2.44	8	-	-	-
H1	29/6/2018	Cloudy	Slight	Mid-Flood	M	4.2	07:54	6.22	8.17	27.06	28.6	2.43	6	-	-	-

Contract No. EP/SP/66/12  
 Integrated Waste Management Facilities, Phase 1  
 Baseline Water Quality Monitoring Data

Location	Date	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>note 4</small>	SS (mg/L)	Total Alkalinity (mg/L) <small>note 2</small>	Current Velocity (m/s) <small>note 2</small>	Current Direction (NSWE) <small>note 2</small>
H1	29/6/2018	Cloudy	Slight	Mid-Flood	S	1	07:55	6.72	8.27	25.86	29.0	2.60	7	-	-	-
H1	29/6/2018	Cloudy	Slight	Mid-Flood	S	1	07:55	7.84	8.36	25.24	29.3	2.42	5	-	-	-
B2	29/6/2018	Cloudy	Slight	Mid-Flood	B	3.6	08:16	6.59	8.15	27.67	28.5	2.71	8	-	-	-
B2	29/6/2018	Cloudy	Slight	Mid-Flood	B	3.6	08:16	6.58	8.14	27.59	28.6	2.69	9	-	-	-
B2	29/6/2018	Cloudy	Slight	Mid-Flood	S	1	08:17	7.46	8.36	25.27	29.2	2.50	9	-	-	-
B2	29/6/2018	Cloudy	Slight	Mid-Flood	S	1	08:17	7.43	8.34	25.17	29.3	2.47	9	-	-	-
B1	29/6/2018	Cloudy	Slight	Mid-Flood	B	4.8	08:30	6.61	8.13	27.63	28.4	2.74	7	-	-	-
B1	29/6/2018	Cloudy	Slight	Mid-Flood	B	4.8	08:30	6.60	8.15	27.58	28.4	2.72	9	-	-	-
B1	29/6/2018	Cloudy	Slight	Mid-Flood	S	1	08:31	6.48	8.23	26.38	28.8	2.53	7	-	-	-
B1	29/6/2018	Cloudy	Slight	Mid-Flood	S	1	08:31	6.49	8.22	26.35	28.8	2.50	- <small>note 3</small>	-	-	-
C1	29/6/2018	Cloudy	Slight	Mid-Flood	B	11.2	08:48	5.75	8.16	27.24	28.6	2.61	12	-	-	-
C1	29/6/2018	Cloudy	Slight	Mid-Flood	B	11.2	08:48	5.76	8.15	27.34	28.6	2.62	11	-	-	-
C1	29/6/2018	Cloudy	Slight	Mid-Flood	M	6.6	08:48	7.31	8.37	25.23	29.3	2.21	9	-	-	-
C1	29/6/2018	Cloudy	Slight	Mid-Flood	M	6.6	08:49	8.60	8.38	25.23	29.3	2.25	9	-	-	-
C1	29/6/2018	Cloudy	Slight	Mid-Flood	S	1	08:49	8.90	8.39	25.08	29.4	3.01	8	-	-	-
C1	29/6/2018	Cloudy	Slight	Mid-Flood	S	1	08:50	8.93	8.40	25.14	29.3	3.03	8	-	-	-
C1	29/6/2018	Cloudy	Slight	Mid-Ebb	B	11.9	11:01	5.06	8.11	28.69	28.1	9.86	7	-	-	-
C1	29/6/2018	Cloudy	Slight	Mid-Ebb	B	11.9	11:01	5.08	8.13	28.75	28.2	9.84	7	-	-	-
C1	29/6/2018	Cloudy	Slight	Mid-Ebb	M	6.45	11:02	9.30	8.44	24.79	29.6	2.43	6	-	-	-

Contract No. EP/SP/66/12  
 Integrated Waste Management Facilities, Phase 1  
 Baseline Water Quality Monitoring Data

Location	Date	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>note 4</small>	SS (mg/L)	Total Alkalinity (mg/L) <small>note 2</small>	Current Velocity (m/s) <small>note 2</small>	Current Direction (NSWE) <small>note 2</small>
C1	29/6/2018	Cloudy	Slight	Mid-Ebb	M	6.45	11:02	9.32	8.42	24.83	29.6	2.44	6	-	-	-
C1	29/6/2018	Cloudy	Slight	Mid-Ebb	S	1	11:02	9.84	8.46	24.50	29.8	2.67	5	-	-	-
C1	29/6/2018	Cloudy	Slight	Mid-Ebb	S	1	11:02	9.83	8.43	24.52	29.9	2.67	4	-	-	-
B1	29/6/2018	Cloudy	Slight	Mid-Ebb	B	4.3	11:26	9.95	8.46	24.52	28.4	2.74	11	-	-	-
B1	29/6/2018	Cloudy	Slight	Mid-Ebb	B	4.3	11:26	9.94	8.48	24.56	28.4	2.77	10	-	-	-
B1	29/6/2018	Cloudy	Slight	Mid-Ebb	S	1	11:27	9.90	8.44	24.10	28.8	2.53	10	-	-	-
B1	29/6/2018	Cloudy	Slight	Mid-Ebb	S	1	11:27	9.87	8.44	24.14	28.9	2.54	11	-	-	-
B2	29/6/2018	Cloudy	Slight	Mid-Ebb	B	3.4	11:40	9.93	8.47	24.73	29.8	2.05	7	-	-	-
B2	29/6/2018	Cloudy	Slight	Mid-Ebb	B	3.4	11:40	9.93	8.50	24.83	29.8	2.07	7	-	-	-
B2	29/6/2018	Cloudy	Slight	Mid-Ebb	S	1	11:41	9.97	8.45	24.15	29.8	2.38	7	-	-	-
B2	29/6/2018	Cloudy	Slight	Mid-Ebb	S	1	11:41	9.97	8.43	24.16	29.7	2.38	7	-	-	-
H1	29/6/2018	Cloudy	Slight	Mid-Ebb	B	7	11:54	5.22	8.29	27.01	28.1	2.38	9	-	-	-
H1	29/6/2018	Cloudy	Slight	Mid-Ebb	B	7	11:54	5.21	8.28	27.08	28.1	2.36	7	-	-	-
H1	29/6/2018	Cloudy	Slight	Mid-Ebb	M	4	11:55	5.53	8.16	26.85	28.2	2.40	8	-	-	-
H1	29/6/2018	Cloudy	Slight	Mid-Ebb	M	4	11:55	5.52	8.16	26.81	28.3	2.38	9	-	-	-
H1	29/6/2018	Cloudy	Slight	Mid-Ebb	S	1	11:56	7.26	8.09	26.41	28.9	2.17	8	-	-	-
H1	29/6/2018	Cloudy	Slight	Mid-Ebb	S	1	11:56	7.26	8.12	26.44	28.9	2.17	6	-	-	-
CR2	29/6/2018	Cloudy	Slight	Mid-Ebb	B	13	12:19	2.89	7.92	30.79	27.2	3.17	12	-	-	-
CR2	29/6/2018	Cloudy	Slight	Mid-Ebb	B	13	12:19	2.88	7.89	30.85	27.2	3.16	11	-	-	-

Contract No. EP/SP/66/12  
 Integrated Waste Management Facilities, Phase 1  
 Baseline Water Quality Monitoring Data

Location	Date	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>note 4</small>	SS (mg/L)	Total Alkalinity (mg/L) <small>note 2</small>	Current Velocity (m/s) <small>note 2</small>	Current Direction (NSWE) <small>note 2</small>
CR2	29/6/2018	Cloudy	Slight	Mid-Ebb	M	7	12:19	4.15	8.09	26.98	28.1	2.28	13	-	-	-
CR2	29/6/2018	Cloudy	Slight	Mid-Ebb	M	7	12:20	4.15	8.07	27.02	28.1	2.26	13	-	-	-
CR2	29/6/2018	Cloudy	Slight	Mid-Ebb	S	1	12:20	5.02	8.11	26.94	28.1	2.35	10	-	-	-
CR2	29/6/2018	Cloudy	Slight	Mid-Ebb	S	1	12:20	4.99	8.13	26.90	28.1	2.32	12	-	-	-
CR1	29/6/2018	Cloudy	Slight	Mid-Ebb	B	15.9	12:44	2.33	7.96	30.48	27.3	3.28	10	-	-	-
CR1	29/6/2018	Cloudy	Slight	Mid-Ebb	B	15.9	12:44	2.31	7.96	30.54	27.3	3.29	9	-	-	-
CR1	29/6/2018	Cloudy	Slight	Mid-Ebb	M	8.45	12:44	3.34	8.03	27.37	27.9	2.85	9	-	-	-
CR1	29/6/2018	Cloudy	Slight	Mid-Ebb	M	8.45	12:44	3.33	8.04	27.30	28.0	2.82	9	-	-	-
CR1	29/6/2018	Cloudy	Slight	Mid-Ebb	S	1	12:45	4.51	8.10	26.99	28.1	2.36	7	-	-	-
CR1	29/6/2018	Cloudy	Slight	Mid-Ebb	S	1	12:45	4.80	8.09	27.00	28.1	2.06	8	-	-	-
B3	29/6/2018	Cloudy	Slight	Mid-Ebb	B	4	13:06	4.87	8.10	27.04	28.1	1.99	6	-	-	-
B3	29/6/2018	Cloudy	Slight	Mid-Ebb	B	4	13:06	4.84	8.07	26.99	28.2	2.01	8	-	-	-
B3	29/6/2018	Cloudy	Slight	Mid-Ebb	S	1	13:07	5.39	8.16	26.98	28.3	2.24	6	-	-	-
B3	29/6/2018	Cloudy	Slight	Mid-Ebb	S	1	13:07	5.39	8.18	26.89	28.2	2.24	6	-	-	-
B4	29/6/2018	Cloudy	Slight	Mid-Ebb	B	4.2	13:18	5.48	8.15	27.06	28.3	2.12	7	-	-	-
B4	29/6/2018	Cloudy	Slight	Mid-Ebb	B	4.2	13:18	5.50	8.17	27.16	28.3	2.12	8	-	-	-
B4	29/6/2018	Cloudy	Slight	Mid-Ebb	S	1	13:19	5.48	8.13	27.06	28.2	2.14	8	-	-	-
B4	29/6/2018	Cloudy	Slight	Mid-Ebb	S	1	13:19	5.48	8.14	27.10	28.3	2.08	7	-	-	-
C2	29/6/2018	Cloudy	Slight	Mid-Ebb	B	7.2	13:33	5.07	8.06	27.33	28.0	2.08	7	-	-	-

Contract No. EP/SP/66/12  
 Integrated Waste Management Facilities, Phase 1  
 Baseline Water Quality Monitoring Data

Location	Date	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>note 4</small>	SS (mg/L)	Total Alkalinity (mg/L) <small>note 2</small>	Current Velocity (m/s) <small>note 2</small>	Current Direction (NSWE) <small>note 2</small>
C2	29/6/2018	Cloudy	Slight	Mid-Ebb	B	7.2	13:33	4.61	8.09	27.16	28.1	2.06	7	-	-	-
C2	29/6/2018	Cloudy	Slight	Mid-Ebb	M	4.1	13:33	4.78	8.08	27.18	28.1	2.04	7	-	-	-
C2	29/6/2018	Cloudy	Slight	Mid-Ebb	M	4.1	13:34	4.98	8.11	27.20	28.2	2.22	7	-	-	-
C2	29/6/2018	Cloudy	Slight	Mid-Ebb	S	1	13:34	6.16	8.26	26.65	28.7	2.74	7	-	-	-
C2	29/6/2018	Cloudy	Slight	Mid-Ebb	S	1	13:34	6.26	8.19	26.86	28.4	2.21	6	-	-	-
F1	29/6/2018	Cloudy	Slight	Mid-Ebb	B	6.9	14:02	4.32	8.00	28.59	27.7	3.00	13	-	-	-
F1	29/6/2018	Cloudy	Slight	Mid-Ebb	B	6.9	14:02	4.33	7.99	28.54	27.8	3.00	12	-	-	-
F1	29/6/2018	Cloudy	Slight	Mid-Ebb	M	3.95	14:03	4.41	8.07	27.30	28.1	2.24	12	-	-	-
F1	29/6/2018	Cloudy	Slight	Mid-Ebb	M	3.95	14:03	4.44	8.04	27.38	28.0	2.22	12	-	-	-
F1	29/6/2018	Cloudy	Slight	Mid-Ebb	S	1	14:04	4.83	8.11	27.27	28.2	2.45	7	-	-	-
F1	29/6/2018	Cloudy	Slight	Mid-Ebb	S	1	14:04	4.83	8.12	27.25	28.3	2.45	7	-	-	-
M1	29/6/2018	Cloudy	Slight	Mid-Ebb	B	9.4	14:30	3.79	8.01	29.28	27.7	2.78	11	-	-	-
M1	29/6/2018	Cloudy	Slight	Mid-Ebb	B	9.4	14:30	3.81	8.06	29.31	27.7	2.81	11	-	-	-
M1	29/6/2018	Cloudy	Slight	Mid-Ebb	M	5.2	14:30	4.82	8.13	27.50	28.0	2.47	11	-	-	-
M1	29/6/2018	Cloudy	Slight	Mid-Ebb	M	5.2	14:30	4.56	8.12	27.36	28.2	2.43	12	-	-	-
M1	29/6/2018	Cloudy	Slight	Mid-Ebb	S	1	14:31	7.69	8.34	26.38	29.2	2.61	12	-	-	-
M1	29/6/2018	Cloudy	Slight	Mid-Ebb	S	1	14:31	7.73	8.34	26.74	29.4	2.61	12	-	-	-
B3	29/6/2018	Cloudy	Slight	Mid-Flood	B	4.2	15:06	4.89	8.09	27.13	28.1	1.97	9	-	-	-
B3	29/6/2018	Cloudy	Slight	Mid-Flood	B	4.2	15:06	4.90	8.06	27.11	28.0	1.99	9	-	-	-

Contract No. EP/SP/66/12  
 Integrated Waste Management Facilities, Phase 1  
 Baseline Water Quality Monitoring Data

Location	Date	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>note 4</small>	SS (mg/L)	Total Alkalinity (mg/L) <small>note 2</small>	Current Velocity (m/s) <small>note 2</small>	Current Direction (NSWE) <small>note 2</small>
B3	29/6/2018	Cloudy	Slight	Mid-Flood	S	1	15:07	5.40	8.14	26.90	28.4	2.25	7	-	-	-
B3	29/6/2018	Cloudy	Slight	Mid-Flood	S	1	15:07	5.39	8.12	26.84	28.5	2.22	7	-	-	-
C2	3/7/2018	Cloudy	Slight	Mid-Flood	B	8.2	06:45	5.93	8.08	26.15	27.9	3.38	10	-	-	-
C2	3/7/2018	Cloudy	Slight	Mid-Flood	B	8.2	06:45	5.92	8.06	26.15	27.9	3.35	11	-	-	-
C2	3/7/2018	Cloudy	Slight	Mid-Flood	M	4.6	06:45	5.80	8.08	25.42	28.1	2.85	9	-	-	-
C2	3/7/2018	Cloudy	Slight	Mid-Flood	M	4.6	06:46	5.83	8.04	24.97	28.1	2.85	9	-	-	-
C2	3/7/2018	Cloudy	Slight	Mid-Flood	S	1	06:46	7.54	8.25	23.82	28.5	1.97	7	-	-	-
C2	3/7/2018	Cloudy	Slight	Mid-Flood	S	1	06:47	7.54	8.23	23.80	28.5	1.94	7	-	-	-
M1	3/7/2018	Cloudy	Slight	Mid-Flood	B	9.8	07:08	4.35	8.03	27.18	27.8	5.58	6	-	-	-
M1	3/7/2018	Cloudy	Slight	Mid-Flood	B	9.8	07:09	4.30	8.00	27.06	27.9	5.45	7	-	-	-
M1	3/7/2018	Cloudy	Slight	Mid-Flood	M	5.4	07:09	5.10	8.09	26.37	27.9	4.19	6	-	-	-
M1	3/7/2018	Cloudy	Slight	Mid-Flood	M	5.4	07:10	5.04	8.10	26.37	27.9	4.21	5	-	-	-
M1	3/7/2018	Cloudy	Slight	Mid-Flood	S	1	07:10	6.71	8.23	24.11	28.4	2.32	6	-	-	-
M1	3/7/2018	Cloudy	Slight	Mid-Flood	S	1	07:11	6.70	8.20	32.53	28.4	2.41	6	-	-	-
F1	3/7/2018	Sunny	Clam	Mid-Flood	B	7.6	07:30	5.61	8.12	26.07	28.0	4.22	8	-	-	-
F1	3/7/2018	Sunny	Slight	Mid-Flood	B	7.6	07:30	5.58	8.13	26.17	28.1	4.25	8	-	-	-
F1	3/7/2018	Sunny	Slight	Mid-Flood	M	4.3	07:31	7.11	8.24	24.11	28.4	2.08	7	-	-	-
F1	3/7/2018	Sunny	Slight	Mid-Flood	M	4.3	07:31	7.12	8.24	24.07	28.4	2.00	6	-	-	-
F1	3/7/2018	Sunny	Slight	Mid-Flood	S	1	07:32	7.63	8.25	23.96	28.5	1.94	7	-	-	-



Contract No. EP/SP/66/12  
Integrated Waste Management Facilities, Phase 1  
Baseline Water Quality Monitoring Data

Location	Date	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>note 4</small>	SS (mg/L)	Total Alkalinity (mg/L) <small>note 2</small>	Current Velocity (m/s) <small>note 2</small>	Current Direction (NSWE) <small>note 2</small>
F1	3/7/2018	Sunny	Slight	Mid-Flood	S	1	07:32	7.63	8.24	24.05	28.5	1.90	7	-	-	-
B4	3/7/2018	Sunny	Slight	Mid-Flood	B	5.4	07:50	7.87	8.26	23.89	28.6	2.12	6	-	-	-
B4	3/7/2018	Sunny	Slight	Mid-Flood	B	5.4	07:50	7.86	8.26	23.89	28.5	1.87	6	-	-	-
B4	3/7/2018	Sunny	Slight	Mid-Flood	S	1	07:51	7.94	8.26	23.75	28.5	2.10	8	-	-	-
B4	3/7/2018	Sunny	Slight	Mid-Flood	S	1	07:51	7.99	8.27	23.74	28.6	2.15	7	-	-	-
B3	3/7/2018	Sunny	Slight	Mid-Flood	B	5	08:02	8.07	8.28	23.76	28.6	2.10	8	-	-	-
B3	3/7/2018	Sunny	Slight	Mid-Flood	B	5	08:02	8.01	8.27	23.64	28.6	1.91	8	-	-	-
B3	3/7/2018	Sunny	Slight	Mid-Flood	S	1	08:02	7.98	8.27	23.64	28.6	2.02	7	-	-	-
B3	3/7/2018	Sunny	Slight	Mid-Flood	S	1	08:03	8.00	8.25	23.65	28.6	2.00	6	-	-	-
CR1	3/7/2018	Sunny	Clam	Mid-Flood	B	16.8	08:19	6.36	8.12	26.10	28.1	3.94	5	-	-	-
CR1	3/7/2018	Sunny	Clam	Mid-Flood	B	16.8	08:19	6.34	8.14	26.02	28.0	3.95	6	-	-	-
CR1	3/7/2018	Sunny	Clam	Mid-Flood	M	8.9	08:20	6.32	8.14	25.92	28.0	3.92	4	-	-	-
CR1	3/7/2018	Sunny	Clam	Mid-Flood	M	8.9	08:20	6.34	8.15	25.92	27.9	3.91	4	-	-	-
CR1	3/7/2018	Sunny	Clam	Mid-Flood	S	1	08:21	6.34	8.16	25.98	28.0	3.92	5	-	-	-
CR1	3/7/2018	Sunny	Clam	Mid-Flood	S	1	08:21	6.36	8.18	25.98	28.0	3.93	5	-	-	-
CR2	3/7/2018	Sunny	Clam	Mid-Flood	B	13.6	08:38	7.78	8.25	24.09	28.4	2.36	6	-	-	-
CR2	3/7/2018	Sunny	Clam	Mid-Flood	B	13.6	08:38	7.76	8.23	24.08	28.5	2.32	6	-	-	-
CR2	3/7/2018	Sunny	Clam	Mid-Flood	M	7.3	08:39	7.78	8.29	23.85	28.7	2.12	5	-	-	-
CR2	3/7/2018	Sunny	Clam	Mid-Flood	M	7.3	08:39	7.78	8.25	23.89	28.6	2.10	5	-	-	-

Contract No. EP/SP/66/12  
 Integrated Waste Management Facilities, Phase 1  
 Baseline Water Quality Monitoring Data

Location	Date	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>note 4</small>	SS (mg/L)	Total Alkalinity (mg/L) <small>note 2</small>	Current Velocity (m/s) <small>note 2</small>	Current Direction (NSWE) <small>note 2</small>
CR2	3/7/2018	Sunny	Clam	Mid-Flood	S	1	08:40	7.86	8.27	23.93	28.5	2.13	5	-	-	-
CR2	3/7/2018	Sunny	Clam	Mid-Flood	S	1	08:40	7.85	8.28	23.90	28.5	2.08	5	-	-	-
H1	3/7/2018	Sunny	Clam	Mid-Flood	B	7.9	08:59	5.12	8.12	26.00	28.1	4.68	7	-	-	-
H1	3/7/2018	Sunny	Clam	Mid-Flood	B	7.9	08:59	5.13	8.09	25.91	28.1	4.67	7	-	-	-
H1	3/7/2018	Sunny	Clam	Mid-Flood	M	4.45	09:00	5.72	8.14	25.89	28.1	4.25	7	-	-	-
H1	3/7/2018	Sunny	Clam	Mid-Flood	M	4.45	09:00	5.70	8.12	25.88	28.0	4.25	6	-	-	-
H1	3/7/2018	Sunny	Slight	Mid-Flood	S	1	09:01	5.91	8.14	25.95	28.1	4.31	7	-	-	-
H1	3/7/2018	Sunny	Slight	Mid-Flood	S	1	09:01	5.88	8.17	26.01	28.1	4.31	6	-	-	-
B2	3/7/2018	Sunny	Slight	Mid-Flood	B	4.4	09:20	4.79	8.05	27.23	27.2	4.53	7	-	-	-
B2	3/7/2018	Sunny	Slight	Mid-Flood	B	4.4	09:20	4.70	8.06	26.98	27.8	5.70	8	-	-	-
B2	3/7/2018	Sunny	Slight	Mid-Flood	S	1	09:21	6.86	8.24	24.21	28.4	2.37	6	-	-	-
B2	3/7/2018	Sunny	Slight	Mid-Flood	S	1	09:21	6.88	8.25	24.30	28.4	2.37	6	-	-	-
B1	3/7/2018	Cloudy	Slight	Mid-Flood	B	5.3	09:30	7.10	8.22	24.53	28.4	2.69	7	-	-	-
B1	3/7/2018	Cloudy	Slight	Mid-Flood	B	5.3	09:30	7.10	8.21	24.60	28.4	2.68	7	-	-	-
B1	3/7/2018	Sunny	Slight	Mid-Flood	S	1	09:31	7.47	8.27	24.06	28.5	2.19	7	-	-	-
B1	3/7/2018	Sunny	Slight	Mid-Flood	S	1	09:31	7.49	8.29	24.03	28.5	2.17	7	-	-	-
C1	3/7/2018	Sunny	Clam	Mid-Flood	B	12.6	09:45	5.70	8.07	27.07	27.8	4.23	8	-	-	-
C1	3/7/2018	Sunny	Clam	Mid-Flood	B	12.6	09:45	5.67	8.05	27.02	27.8	4.26	9	-	-	-
C1	3/7/2018	Sunny	Clam	Mid-Flood	M	6.8	09:45	6.64	8.24	24.18	28.4	2.66	7	-	-	-

Contract No. EP/SP/66/12  
 Integrated Waste Management Facilities, Phase 1  
 Baseline Water Quality Monitoring Data

Location	Date	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>note 4</small>	SS (mg/L)	Total Alkalinity (mg/L) <small>note 2</small>	Current Velocity (m/s) <small>note 2</small>	Current Direction (NSWE) <small>note 2</small>
C1	3/7/2018	Sunny	Clam	Mid-Flood	M	6.8	09:46	6.66	8.22	24.25	28.4	2.66	7	-	-	-
C1	3/7/2018	Sunny	Clam	Mid-Flood	S	1	09:46	7.59	8.20	24.05	28.5	2.33	6	-	-	-
C1	3/7/2018	Sunny	Clam	Mid-Flood	S	1	09:46	7.59	8.18	24.13	28.6	2.32	5	-	-	-
C1	3/7/2018	Sunny	Slight	Mid-Ebb	B	10.4	13:45	5.43	8.09	26.28	27.9	3.34	8	-	-	-
C1	3/7/2018	Sunny	Slight	Mid-Ebb	B	10.4	13:45	5.46	8.12	26.23	27.8	3.34	8	-	-	-
C1	3/7/2018	Sunny	Slight	Mid-Ebb	M	5.7	13:46	5.82	8.15	25.37	28.2	3.13	7	-	-	-
C1	3/7/2018	Sunny	Slight	Mid-Ebb	M	5.7	13:46	5.83	8.16	25.46	28.1	3.11	7	-	-	-
C1	3/7/2018	Sunny	Slight	Mid-Ebb	S	1	13:47	6.16	8.19	24.61	28.3	2.68	6	-	-	-
C1	3/7/2018	Sunny	Slight	Mid-Ebb	S	1	13:47	6.14	8.19	24.69	28.2	2.70	5	-	-	-
B1	3/7/2018	Sunny	Slight	Mid-Ebb	B	5.1	14:07	5.85	8.14	25.51	28.1	3.00	7	-	-	-
B1	3/7/2018	Sunny	Slight	Mid-Ebb	B	5.1	14:07	5.85	8.13	25.43	28.1	3.00	8	-	-	-
B1	3/7/2018	Sunny	Slight	Mid-Ebb	S	1	14:08	6.73	8.21	24.39	28.4	2.70	6	-	-	-
B1	3/7/2018	Sunny	Slight	Mid-Ebb	S	1	14:08	6.76	8.21	24.31	28.3	2.70	6	-	-	-
B2	3/7/2018	Sunny	Slight	Mid-Ebb	B	4.1	14:17	6.84	8.23	24.19	28.4	2.69	7	-	-	-
B2	3/7/2018	Sunny	Slight	Mid-Ebb	B	4.1	14:17	6.84	8.23	24.24	28.5	2.69	8	-	-	-
B2	3/7/2018	Sunny	Slight	Mid-Ebb	S	1	14:18	7.17	8.22	24.30	28.4	2.84	6	-	-	-
B2	3/7/2018	Sunny	Slight	Mid-Ebb	S	1	14:18	7.18	8.22	24.32	28.4	2.86	6	-	-	-
H1	3/7/2018	Sunny	Slight	Mid-Ebb	B	7.6	14:33	7.22	8.22	24.30	28.4	2.60	8	-	-	-
H1	3/7/2018	Sunny	Slight	Mid-Ebb	B	7.6	14:33	7.24	8.22	24.30	28.4	2.88	7	-	-	-

Contract No. EP/SP/66/12  
 Integrated Waste Management Facilities, Phase 1  
 Baseline Water Quality Monitoring Data

Location	Date	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>note 4</small>	SS (mg/L)	Total Alkalinity (mg/L) <small>note 2</small>	Current Velocity (m/s) <small>note 2</small>	Current Direction (NSWE) <small>note 2</small>
H1	3/7/2018	Sunny	Slight	Mid-Ebb	M	4.3	14:34	7.69	8.26	23.76	28.6	2.33	7	-	-	-
H1	3/7/2018	Sunny	Slight	Mid-Ebb	M	4.3	14:34	7.70	8.23	23.69	28.6	2.31	6	-	-	-
H1	3/7/2018	Sunny	Slight	Mid-Ebb	S	1	14:35	7.74	8.25	23.87	28.6	2.55	7	-	-	-
H1	3/7/2018	Sunny	Slight	Mid-Ebb	S	1	14:35	7.77	8.26	23.94	28.5	2.56	6	-	-	-
CR2	3/7/2018	Sunny	Slight	Mid-Ebb	B	13.3	14:56	7.76	8.25	24.02	28.5	2.37	7	-	-	-
CR2	3/7/2018	Sunny	Slight	Mid-Ebb	B	13.3	14:56	7.79	8.24	24.06	28.5	2.34	7	-	-	-
CR2	3/7/2018	Sunny	Slight	Mid-Ebb	M	7.15	14:57	7.79	8.26	23.81	28.6	2.12	7	-	-	-
CR2	3/7/2018	Sunny	Slight	Mid-Ebb	M	7.15	14:57	7.76	8.27	23.90	28.6	2.13	8	-	-	-
CR2	3/7/2018	Sunny	Slight	Mid-Ebb	S	1	14:58	7.86	8.26	23.85	28.6	2.10	7	-	-	-
CR2	3/7/2018	Sunny	Slight	Mid-Ebb	S	1	14:58	7.85	8.27	23.90	28.5	2.09	6	-	-	-
CR1	3/7/2018	Sunny	Slight	Mid-Ebb	B	16.4	15:15	6.61	8.17	25.25	28.2	3.30	7	-	-	-
CR1	3/7/2018	Sunny	Slight	Mid-Ebb	B	16.4	15:15	6.58	8.19	25.32	28.2	3.30	7	-	-	-
CR1	3/7/2018	Sunny	Slight	Mid-Ebb	M	8.7	15:16	6.51	8.18	25.04	28.2	2.94	6	-	-	-
CR1	3/7/2018	Sunny	Slight	Mid-Ebb	M	8.7	15:16	6.53	8.18	25.09	28.3	2.96	7	-	-	-
CR1	3/7/2018	Sunny	Slight	Mid-Ebb	S	1	15:17	6.96	8.22	24.42	28.4	2.49	6	-	-	-
CR1	3/7/2018	Sunny	Slight	Mid-Ebb	S	1	15:17	6.95	8.24	24.33	28.4	2.49	5	-	-	-
B3	3/7/2018	Sunny	Slight	Mid-Ebb	B	4.7	15:39	4.44	7.88	29.84	27.3	14.61	8	-	-	-
B3	3/7/2018	Sunny	Slight	Mid-Ebb	B	4.7	15:39	4.44	7.91	29.74	27.4	14.59	8	-	-	-
B3	3/7/2018	Sunny	Slight	Mid-Ebb	S	1	15:40	5.72	8.19	24.95	28.2	2.40	7	-	-	-

Contract No. EP/SP/66/12  
 Integrated Waste Management Facilities, Phase 1  
 Baseline Water Quality Monitoring Data

Location	Date	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>note 4</small>	SS (mg/L)	Total Alkalinity (mg/L) <small>note 2</small>	Current Velocity (m/s) <small>note 2</small>	Current Direction (NSWE) <small>note 2</small>
B3	3/7/2018	Sunny	Slight	Mid-Ebb	S	1	15:40	5.75	8.19	24.91	28.3	2.42	7	-	-	-
B4	3/7/2018	Sunny	Slight	Mid-Ebb	B	5.2	15:50	7.22	8.23	24.55	28.4	2.52	8	-	-	-
B4	3/7/2018	Sunny	Slight	Mid-Ebb	B	5.2	15:50	7.22	8.23	24.58	28.4	2.52	9	-	-	-
B4	3/7/2018	Sunny	Slight	Mid-Ebb	S	1	15:51	7.27	8.24	24.23	28.4	2.65	7	-	-	-
B4	3/7/2018	Sunny	Slight	Mid-Ebb	S	1	15:51	7.26	8.22	24.32	28.4	2.63	8	-	-	-
C2	3/7/2018	Sunny	Slight	Mid-Ebb	B	7.9	16:04	7.58	8.25	24.19	28.4	2.63	10	-	-	-
C2	3/7/2018	Sunny	Slight	Mid-Ebb	B	7.9	16:04	7.59	8.23	24.19	28.4	2.62	9	-	-	-
C2	3/7/2018	Sunny	Slight	Mid-Ebb	M	4.45	16:04	7.59	8.25	24.15	28.4	2.61	8	-	-	-
C2	3/7/2018	Sunny	Slight	Mid-Ebb	M	4.45	16:05	7.61	8.27	24.16	28.4	2.59	8	-	-	-
C2	3/7/2018	Sunny	Slight	Mid-Ebb	S	1	16:05	7.72	8.26	23.95	28.6	2.44	8	-	-	-
C2	3/7/2018	Sunny	Slight	Mid-Ebb	S	1	16:05	7.72	8.25	23.88	28.5	2.45	7	-	-	-
F1	3/7/2018	Sunny	Slight	Mid-Ebb	B	7.4	16:29	7.33	8.22	24.57	28.4	2.29	8	-	-	-
F1	3/7/2018	Sunny	Slight	Mid-Ebb	B	7.4	16:29	7.31	8.25	24.54	28.3	2.29	8	-	-	-
F1	3/7/2018	Sunny	Slight	Mid-Ebb	M	4.2	16:30	7.34	8.24	24.32	28.4	2.97	7	-	-	-
F1	3/7/2018	Sunny	Slight	Mid-Ebb	M	4.2	16:30	7.37	8.22	24.23	28.5	2.99	6	-	-	-
F1	3/7/2018	Sunny	Slight	Mid-Ebb	S	1	16:31	7.53	8.25	24.24	28.4	2.69	6	-	-	-
F1	3/7/2018	Sunny	Slight	Mid-Ebb	S	1	16:31	7.53	8.25	24.22	28.5	2.69	7	-	-	-
M1	3/7/2018	Cloudy	Slight	Mid-Ebb	B	9.5	16:48	7.72	8.26	24.19	28.5	2.69	8	-	-	-
M1	3/7/2018	Cloudy	Slight	Mid-Ebb	B	9.5	16:48	7.74	8.26	24.16	28.5	2.70	8	-	-	-

Contract No. EP/SP/66/12  
Integrated Waste Management Facilities, Phase 1  
Baseline Water Quality Monitoring Data

Location	Date	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>note 4</small>	SS (mg/L)	Total Alkalinity (mg/L) <small>note 2</small>	Current Velocity (m/s) <small>note 2</small>	Current Direction (NSWE) <small>note 2</small>
M1	3/7/2018	Cloudy	Slight	Mid-Ebb	M	5.25	16:48	7.84	8.27	23.91	28.6	2.14	7	-	-	-
M1	3/7/2018	Cloudy	Slight	Mid-Ebb	M	5.25	16:48	7.90	8.27	23.90	28.6	2.13	8	-	-	-
M1	3/7/2018	Cloudy	Slight	Mid-Ebb	S	1	16:49	7.94	8.27	23.89	28.6	2.15	8	-	-	-
M1	3/7/2018	Cloudy	Slight	Mid-Ebb	S	1	16:49	7.92	8.26	23.89	28.7	2.14	8	-	-	-
C2	5/7/2018	Sunny	Slight	Mid-Flood	B	8.4	08:20	7.85	8.19	24.57	28.4	2.91	8	-	-	-
C2	5/7/2018	Sunny	Slight	Mid-Flood	B	8.4	08:20	7.84	8.18	24.55	28.5	2.92	7	-	-	-
C2	5/7/2018	Sunny	Slight	Mid-Flood	M	4.7	08:20	8.55	8.27	23.38	28.7	2.60	7	-	-	-
C2	5/7/2018	Sunny	Slight	Mid-Flood	M	4.7	08:20	8.56	8.30	23.41	28.6	2.60	8	-	-	-
C2	5/7/2018	Sunny	Slight	Mid-Flood	S	1	08:21	9.06	8.32	22.77	28.9	2.66	7	-	-	-
C2	5/7/2018	Sunny	Slight	Mid-Flood	S	1	08:21	9.04	8.32	22.74	28.8	2.66	7	-	-	-
M1	5/7/2018	Cloudy	Slight	Mid-Flood	B	10.1	08:47	7.50	8.23	24.61	28.4	2.75	7	-	-	-
M1	5/7/2018	Cloudy	Slight	Mid-Flood	B	10.1	08:47	7.50	8.21	24.58	28.4	2.77	7	-	-	-
M1	5/7/2018	Cloudy	Slight	Mid-Flood	M	5.55	08:48	8.13	8.27	24.05	28.5	2.73	6	-	-	-
M1	5/7/2018	Cloudy	Slight	Mid-Flood	M	5.55	08:48	8.16	8.27	24.11	28.5	2.74	7	-	-	-
M1	5/7/2018	Cloudy	Slight	Mid-Flood	S	1	08:49	8.97	8.34	22.73	28.9	2.30	6	-	-	-
M1	5/7/2018	Cloudy	Slight	Mid-Flood	S	1	08:49	8.98	8.36	22.73	28.9	2.28	7	-	-	-
F1	5/7/2018	Sunny	Slight	Mid-Flood	B	7.8	09:09	8.79	8.29	23.83	28.6	2.62	7	-	-	-
F1	5/7/2018	Sunny	Slight	Mid-Flood	B	7.8	09:09	8.78	8.31	23.80	28.6	2.59	7	-	-	-
F1	5/7/2018	Sunny	Slight	Mid-Flood	M	4.4	09:10	9.27	8.35	22.73	28.9	2.14	6	-	-	-

Contract No. EP/SP/66/12  
 Integrated Waste Management Facilities, Phase 1  
 Baseline Water Quality Monitoring Data

Location	Date	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>note 4</small>	SS (mg/L)	Total Alkalinity (mg/L) <small>note 2</small>	Current Velocity (m/s) <small>note 2</small>	Current Direction (NSWE) <small>note 2</small>
F1	5/7/2018	Sunny	Slight	Mid-Flood	M	4.4	09:10	9.30	8.35	22.73	29.0	2.12	8	-	-	-
F1	5/7/2018	Sunny	Slight	Mid-Flood	S	1	09:11	9.23	8.35	22.74	28.9	2.48	7	-	-	-
F1	5/7/2018	Sunny	Slight	Mid-Flood	S	1	09:11	9.25	8.33	22.77	28.9	2.50	8	-	-	-
B4	5/7/2018	Sunny	Slight	Mid-Flood	B	5.1	09:33	8.75	8.31	23.46	28.7	2.69	10	-	-	-
B4	5/7/2018	Sunny	Slight	Mid-Flood	B	5.1	09:33	8.74	8.29	23.51	28.7	2.68	10	-	-	-
B4	5/7/2018	Sunny	Slight	Mid-Flood	S	1	09:34	8.88	8.34	22.87	28.8	2.42	8	-	-	-
B4	5/7/2018	Sunny	Slight	Mid-Flood	S	1	09:34	8.88	8.31	22.87	28.9	2.39	7	-	-	-
B3	5/7/2018	Sunny	Slight	Mid-Flood	B	4.7	09:41	9.16	8.34	22.93	28.8	2.34	8	-	-	-
B3	5/7/2018	Sunny	Slight	Mid-Flood	B	4.7	09:41	9.15	8.36	23.02	28.8	2.32	9	-	-	-
B3	5/7/2018	Sunny	Slight	Mid-Flood	S	1	09:42	9.27	8.35	22.72	28.9	2.31	7	-	-	-
B3	5/7/2018	Sunny	Slight	Mid-Flood	S	1	09:42	9.29	8.33	22.76	28.9	2.29	8	-	-	-
CR1	5/7/2018	Sunny	Slight	Mid-Flood	B	16.9	10:02	9.16	8.33	23.14	28.8	2.53	6	-	-	-
CR1	5/7/2018	Sunny	Slight	Mid-Flood	B	16.9	10:02	8.81	8.31	23.55	28.7	2.54	7	-	-	-
CR1	5/7/2018	Sunny	Slight	Mid-Flood	M	8.95	10:03	9.20	8.34	23.30	28.8	2.46	7	-	-	-
CR1	5/7/2018	Sunny	Slight	Mid-Flood	M	8.95	10:03	9.17	8.32	23.37	28.9	2.47	6	-	-	-
CR1	5/7/2018	Sunny	Slight	Mid-Flood	S	1	10:04	9.34	8.35	22.75	28.9	2.31	6	-	-	-
CR1	5/7/2018	Sunny	Slight	Mid-Flood	S	1	10:04	9.36	8.35	22.69	28.9	2.29	6	-	-	-
CR2	5/7/2018	Sunny	Slight	Mid-Flood	B	14	10:24	8.66	8.31	23.73	28.7	2.69	6	-	-	-
CR2	5/7/2018	Sunny	Slight	Mid-Flood	B	14	10:24	8.67	8.28	23.77	28.7	2.67	5	-	-	-

Contract No. EP/SP/66/12  
 Integrated Waste Management Facilities, Phase 1  
 Baseline Water Quality Monitoring Data

Location	Date	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>note 4</small>	SS (mg/L)	Total Alkalinity (mg/L) <small>note 2</small>	Current Velocity (m/s) <small>note 2</small>	Current Direction (NSWE) <small>note 2</small>
CR2	5/7/2018	Sunny	Slight	Mid-Flood	M	7.5	10:25	8.70	8.30	23.73	28.6	2.57	6	-	-	-
CR2	5/7/2018	Sunny	Slight	Mid-Flood	M	7.5	10:25	8.68	8.28	23.64	28.5	2.60	5	-	-	-
CR2	5/7/2018	Sunny	Slight	Mid-Flood	S	1	10:26	8.66	8.31	23.51	28.6	2.69	7	-	-	-
CR2	5/7/2018	Sunny	Slight	Mid-Flood	S	1	10:26	8.69	8.31	23.53	28.7	2.66	6	-	-	-
H1	5/7/2018	Sunny	Slight	Mid-Flood	B	8.2	10:41	8.67	8.30	23.94	28.6	2.83	7	-	-	-
H1	5/7/2018	Sunny	Slight	Mid-Flood	B	8.2	10:41	8.65	8.29	24.00	28.6	2.82	7	-	-	-
H1	5/7/2018	Sunny	Slight	Mid-Flood	M	4.6	10:42	8.70	8.31	23.81	28.7	2.77	8	-	-	-
H1	5/7/2018	Sunny	Slight	Mid-Flood	M	4.6	10:42	8.70	8.31	23.89	28.8	2.78	8	-	-	-
H1	5/7/2018	Sunny	Slight	Mid-Flood	S	1	10:43	8.80	8.31	23.77	28.7	2.48	8	-	-	-
H1	5/7/2018	Sunny	Slight	Mid-Flood	S	1	10:43	8.78	8.29	23.86	28.7	2.50	8	-	-	-
B2	5/7/2018	Sunny	Slight	Mid-Flood	B	4.8	11:05	8.89	8.32	23.60	28.7	2.68	7	-	-	-
B2	5/7/2018	Sunny	Slight	Mid-Flood	B	4.8	11:05	8.89	8.29	23.65	28.7	2.70	6	-	-	-
B2	5/7/2018	Sunny	Slight	Mid-Flood	S	1	11:06	8.90	8.32	23.62	28.7	2.67	7	-	-	-
B2	5/7/2018	Sunny	Slight	Mid-Flood	S	1	11:06	8.91	8.32	23.69	28.7	2.66	7	-	-	-
B1	5/7/2018	Sunny	Slight	Mid-Flood	B	5.2	11:15	8.97	8.33	23.46	28.7	2.46	8	-	-	-
B1	5/7/2018	Sunny	Slight	Mid-Flood	B	5.2	11:15	8.98	8.32	23.37	28.8	2.48	8	-	-	-
B1	5/7/2018	Sunny	Slight	Mid-Flood	S	1	11:16	9.18	8.35	22.86	28.9	2.32	6	-	-	-
B1	5/7/2018	Sunny	Slight	Mid-Flood	S	1	11:16	9.17	8.37	22.90	28.9	2.31	6	-	-	-
C1	5/7/2018	Sunny	Slight	Mid-Flood	B	12.2	11:26	9.28	8.35	23.09	28.9	2.53	7	-	-	-



Contract No. EP/SP/66/12  
 Integrated Waste Management Facilities, Phase 1  
 Baseline Water Quality Monitoring Data

Location	Date	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>note 4</small>	SS (mg/L)	Total Alkalinity (mg/L) <small>note 2</small>	Current Velocity (m/s) <small>note 2</small>	Current Direction (NSWE) <small>note 2</small>
C1	5/7/2018	Sunny	Slight	Mid-Flood	B	12.2	11:26	9.26	8.34	23.06	29.0	2.55	6	-	-	-
C1	5/7/2018	Sunny	Slight	Mid-Flood	M	6.6	11:27	9.18	8.33	23.37	28.8	2.39	6	-	-	-
C1	5/7/2018	Sunny	Slight	Mid-Flood	M	6.6	11:27	9.20	8.36	23.43	28.7	2.38	7	-	-	-
C1	5/7/2018	Sunny	Slight	Mid-Flood	S	1	11:28	9.38	8.36	22.84	28.9	2.50	7	-	-	-
C1	5/7/2018	Sunny	Slight	Mid-Flood	S	1	11:28	9.35	8.38	22.90	28.9	2.48	6	-	-	-
C1	5/7/2018	Sunny	Slight	Mid-Ebb	B	11.7	15:15	9.33	8.35	23.05	28.9	2.25	6	-	-	-
C1	5/7/2018	Sunny	Slight	Mid-Ebb	B	11.7	15:15	9.33	8.33	23.12	28.9	2.27	7	-	-	-
C1	5/7/2018	Sunny	Slight	Mid-Ebb	M	6.35	15:16	9.33	8.35	23.22	28.8	2.52	7	-	-	-
C1	5/7/2018	Sunny	Slight	Mid-Ebb	M	6.35	15:16	9.35	8.35	23.29	28.9	2.52	6	-	-	-
C1	5/7/2018	Sunny	Slight	Mid-Ebb	S	1	15:17	9.40	8.36	22.93	28.9	2.24	6	-	-	-
C1	5/7/2018	Sunny	Slight	Mid-Ebb	S	1	15:17	9.41	8.38	22.99	28.9	2.23	6	-	-	-
B1	5/7/2018	Sunny	Slight	Mid-Ebb	B	4.9	15:36	9.20	8.34	22.55	29.1	2.50	7	-	-	-
B1	5/7/2018	Sunny	Slight	Mid-Ebb	B	4.9	15:36	9.18	8.37	22.55	29.0	2.50	6	-	-	-
B1	5/7/2018	Sunny	Slight	Mid-Ebb	S	1	15:37	9.40	8.35	22.60	28.9	2.51	5	-	-	-
B1	5/7/2018	Sunny	Slight	Mid-Ebb	S	1	15:37	9.39	8.34	22.59	29.0	2.53	6	-	-	-
B2	5/7/2018	Sunny	Slight	Mid-Ebb	B	4.2	15:43	9.42	8.36	23.02	28.9	2.52	7	-	-	-
B2	5/7/2018	Sunny	Slight	Mid-Ebb	B	4.2	15:43	9.44	8.38	23.05	28.9	2.49	7	-	-	-
B2	5/7/2018	Sunny	Slight	Mid-Ebb	S	1	15:44	9.46	8.35	23.06	28.9	2.49	7	-	-	-
B2	5/7/2018	Sunny	Slight	Mid-Ebb	S	1	15:44	9.46	8.34	22.99	28.8	2.48	6	-	-	-

Contract No. EP/SP/66/12  
 Integrated Waste Management Facilities, Phase 1  
 Baseline Water Quality Monitoring Data

Location	Date	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>note 4</small>	SS (mg/L)	Total Alkalinity (mg/L) <small>note 2</small>	Current Velocity (m/s) <small>note 2</small>	Current Direction (NSWE) <small>note 2</small>
H1	5/7/2018	Sunny	Slight	Mid-Ebb	B	8	15:58	9.26	8.33	23.12	28.8	2.23	6	-	-	-
H1	5/7/2018	Sunny	Slight	Mid-Ebb	B	8	15:58	9.26	8.34	23.21	28.8	2.20	6	-	-	-
H1	5/7/2018	Foggy	Slight	Mid-Ebb	M	4.5	15:59	9.16	8.33	23.11	28.8	2.34	5	-	-	-
H1	5/7/2018	Foggy	Slight	Mid-Ebb	M	4.5	15:59	9.18	8.35	23.15	28.9	2.31	6	-	-	-
H1	5/7/2018	Foggy	Slight	Mid-Ebb	S	1	16:00	9.21	8.34	23.07	28.8	2.75	5	-	-	-
H1	5/7/2018	Foggy	Slight	Mid-Ebb	S	1	16:00	9.22	8.36	23.12	28.9	2.76	6	-	-	-
CR2	5/7/2018	Sunny	Slight	Mid-Ebb	B	13.7	16:18	9.20	8.33	23.13	28.8	2.40	6	-	-	-
CR2	5/7/2018	Sunny	Slight	Mid-Ebb	B	13.7	16:18	9.20	8.33	23.07	28.8	2.42	8	-	-	-
CR2	5/7/2018	Sunny	Slight	Mid-Ebb	M	7.35	16:18	9.20	8.34	23.10	28.8	2.36	5	-	-	-
CR2	5/7/2018	Sunny	Slight	Mid-Ebb	M	7.35	16:19	9.18	8.33	23.15	28.9	2.35	6	-	-	-
CR2	5/7/2018	Sunny	Slight	Mid-Ebb	S	1	16:19	9.26	8.34	23.11	28.8	2.75	6	-	-	-
CR2	5/7/2018	Sunny	Slight	Mid-Ebb	S	1	16:19	9.28	8.34	23.09	28.8	2.72	6	-	-	-
CR1	5/7/2018	Sunny	Slight	Mid-Ebb	B	13.7	16:36	9.10	8.33	23.15	28.8	2.50	7	-	-	-
CR1	5/7/2018	Sunny	Slight	Mid-Ebb	B	13.7	16:36	9.09	8.30	23.21	28.9	2.49	6	-	-	-
CR1	5/7/2018	Sunny	Slight	Mid-Ebb	M	7.35	16:37	9.14	8.33	23.14	28.8	2.63	7	-	-	-
CR1	5/7/2018	Sunny	Slight	Mid-Ebb	M	7.35	16:37	9.13	8.35	23.09	28.7	2.65	7	-	-	-
CR1	5/7/2018	Sunny	Slight	Mid-Ebb	S	1	16:38	9.12	8.33	23.12	28.8	2.58	7	-	-	-
CR1	5/7/2018	Sunny	Slight	Mid-Ebb	S	1	16:38	9.09	8.32	23.17	28.7	2.59	6	-	-	-
B3	5/7/2018	Sunny	Slight	Mid-Ebb	B	4.5	16:58	9.13	8.33	23.16	28.8	2.33	7	-	-	-

Contract No. EP/SP/66/12  
 Integrated Waste Management Facilities, Phase 1  
 Baseline Water Quality Monitoring Data

Location	Date	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>note 4</small>	SS (mg/L)	Total Alkalinity (mg/L) <small>note 2</small>	Current Velocity (m/s) <small>note 2</small>	Current Direction (NSWE) <small>note 2</small>
B3	5/7/2018	Sunny	Slight	Mid-Ebb	B	4.5	16:58	9.13	8.34	23.15	28.8	2.37	6	-	-	-
B3	5/7/2018	Sunny	Slight	Mid-Ebb	S	1	16:59	9.20	8.34	23.13	28.8	2.31	5	-	-	-
B3	5/7/2018	Sunny	Slight	Mid-Ebb	S	1	16:59	9.23	8.32	23.03	28.7	2.31	4	-	-	-
B4	5/7/2018	Sunny	Slight	Mid-Ebb	B	4.8	17:08	9.27	8.34	23.16	28.8	2.17	6	-	-	-
B4	5/7/2018	Sunny	Slight	Mid-Ebb	B	4.8	17:08	9.29	8.37	23.24	28.7	2.18	5	-	-	-
B4	5/7/2018	Sunny	Slight	Mid-Ebb	S	1	17:09	9.23	8.34	23.14	28.8	2.50	6	-	-	-
B4	5/7/2018	Sunny	Slight	Mid-Ebb	S	1	17:09	9.21	8.32	23.06	28.8	2.50	6	-	-	-
C2	5/7/2018	Sunny	Slight	Mid-Ebb	B	8.1	17:21	9.13	8.33	23.20	28.8	2.26	9	-	-	-
C2	5/7/2018	Sunny	Slight	Mid-Ebb	B	8.1	17:21	9.14	8.33	23.27	28.9	2.23	8	-	-	-
C2	5/7/2018	Sunny	Slight	Mid-Ebb	M	4.55	17:22	9.16	8.34	23.16	28.8	2.40	6	-	-	-
C2	5/7/2018	Sunny	Slight	Mid-Ebb	M	4.55	17:22	9.14	8.36	23.15	28.8	2.43	5	-	-	-
C2	5/7/2018	Sunny	Slight	Mid-Ebb	S	1	17:22	9.25	8.34	23.17	28.8	2.68	7	-	-	-
C2	5/7/2018	Sunny	Slight	Mid-Ebb	S	1	17:23	9.28	8.36	23.22	28.8	2.68	6	-	-	-
F1	5/7/2018	Sunny	Slight	Mid-Ebb	B	7.4	17:46	8.34	8.31	23.25	28.7	2.48	8	-	-	-
F1	5/7/2018	Sunny	Slight	Mid-Ebb	B	7.4	17:46	8.32	8.33	23.29	28.7	2.47	8	-	-	-
F1	5/7/2018	Sunny	Slight	Mid-Ebb	M	4.2	17:47	8.23	8.24	24.04	28.4	3.12	6	-	-	-
F1	5/7/2018	Sunny	Slight	Mid-Ebb	M	4.2	17:47	8.23	8.26	24.09	28.5	3.12	7	-	-	-
F1	5/7/2018	Sunny	Slight	Mid-Ebb	S	1	17:48	9.04	8.33	23.20	28.8	2.57	6	-	-	-
F1	5/7/2018	Sunny	Slight	Mid-Ebb	S	1	17:48	9.06	8.35	23.11	28.8	2.54	6	-	-	-

Contract No. EP/SP/66/12  
 Integrated Waste Management Facilities, Phase 1  
 Baseline Water Quality Monitoring Data

Location	Date	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>note 4</small>	SS (mg/L)	Total Alkalinity (mg/L) <small>note 2</small>	Current Velocity (m/s) <small>note 2</small>	Current Direction (NSWE) <small>note 2</small>
M1	5/7/2018	Cloudy	Slight	Mid-Ebb	B	9.8	18:10	6.64	8.19	24.63	28.3	3.21	5	-	-	-
M1	5/7/2018	Cloudy	Slight	Mid-Ebb	B	9.8	18:10	7.01	8.21	24.54	28.3	2.96	6	-	-	-
M1	5/7/2018	Cloudy	Slight	Mid-Ebb	M	5.4	18:11	8.68	8.31	23.32	28.7	2.43	6	-	-	-
M1	5/7/2018	Cloudy	Slight	Mid-Ebb	M	5.4	18:11	8.66	8.29	23.61	28.6	2.92	6	-	-	-
M1	5/7/2018	Cloudy	Slight	Mid-Ebb	S	1	18:12	8.74	8.30	23.46	28.7	2.52	6	-	-	-
M1	5/7/2018	Cloudy	Slight	Mid-Ebb	S	1	18:12	8.72	8.27	23.54	28.7	2.50	5	-	-	-
C2	7/7/2018	Foggy	Slight	Mid-Flood	B	8.6	10:46	5.27	8.04	25.80	27.9	1.26	7	-	-	-
C2	7/7/2018	Foggy	Slight	Mid-Flood	B	8.6	10:46	5.28	8.02	25.87	27.8	1.24	5	-	-	-
C2	7/7/2018	Foggy	Slight	Mid-Flood	M	4.8	10:46	7.94	8.27	24.87	28.4	1.29	6	-	-	-
C2	7/7/2018	Foggy	Slight	Mid-Flood	M	4.8	10:47	7.93	8.28	24.83	28.4	1.32	6	-	-	-
C2	7/7/2018	Foggy	Slight	Mid-Flood	S	1	10:47	10.19	8.42	24.08	28.9	1.15	4	-	-	-
C2	7/7/2018	Foggy	Slight	Mid-Flood	S	1	10:47	10.17	8.43	24.05	28.9	1.17	5	-	-	-
M1	7/7/2018	Cloudy	Slight	Mid-Flood	B	10.4	11:11	8.00	8.24	25.05	28.4	1.21	10	-	-	-
M1	7/7/2018	Cloudy	Slight	Mid-Flood	B	10.4	11:11	8.02	8.26	25.04	28.3	1.19	9	-	-	-
M1	7/7/2018	Cloudy	Slight	Mid-Flood	M	5.7	11:12	9.63	8.38	24.19	28.7	1.30	8	-	-	-
M1	7/7/2018	Cloudy	Slight	Mid-Flood	M	5.7	11:12	9.64	8.38	24.24	28.7	1.30	8	-	-	-
M1	7/7/2018	Cloudy	Slight	Mid-Flood	S	1	11:13	9.24	8.45	24.08	28.8	1.21	6	-	-	-
M1	7/7/2018	Cloudy	Slight	Mid-Flood	S	1	11:13	9.27	8.45	24.07	28.7	1.23	5	-	-	-
F1	7/7/2018	Foggy	Slight	Mid-Flood	B	8	11:35	4.71	8.01	26.21	27.7	1.04	8	-	-	-

Contract No. EP/SP/66/12  
 Integrated Waste Management Facilities, Phase 1  
 Baseline Water Quality Monitoring Data

Location	Date	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>note 4</small>	SS (mg/L)	Total Alkalinity (mg/L) <small>note 2</small>	Current Velocity (m/s) <small>note 2</small>	Current Direction (NSWE) <small>note 2</small>
F1	7/7/2018	Foggy	Slight	Mid-Flood	B	8	11:35	4.74	8.00	26.11	27.8	1.02	7	-	-	-
F1	7/7/2018	Foggy	Slight	Mid-Flood	M	4.5	11:36	7.61	8.26	24.83	28.3	1.22	7	-	-	-
F1	7/7/2018	Foggy	Slight	Mid-Flood	M	4.5	11:36	7.62	8.28	24.81	28.4	1.24	7	-	-	-
F1	7/7/2018	Foggy	Slight	Mid-Flood	S	1	11:37	7.63	8.27	24.85	28.3	1.38	6	-	-	-
F1	7/7/2018	Foggy	Slight	Mid-Flood	S	1	11:37	7.63	8.27	24.91	28.3	1.40	5	-	-	-
B4	7/7/2018	Foggy	Slight	Mid-Flood	B	5.4	11:58	7.50	8.26	24.85	28.3	1.42	5	-	-	-
B4	7/7/2018	Foggy	Slight	Mid-Flood	B	5.4	11:58	7.50	8.24	24.80	28.3	1.45	6	-	-	-
B4	7/7/2018	Foggy	Slight	Mid-Flood	S	1	11:59	7.50	8.25	24.82	28.3	1.56	5	-	-	-
B4	7/7/2018	Foggy	Slight	Mid-Flood	S	1	11:59	7.47	8.25	24.81	28.3	1.54	6	-	-	-
B3	7/7/2018	Sunny	Slight	Mid-Flood	B	5	12:10	7.44	8.25	24.88	28.3	2.01	4	-	-	-
B3	7/7/2018	Sunny	Slight	Mid-Flood	B	5	12:10	7.42	8.24	24.87	28.4	1.99	4	-	-	-
B3	7/7/2018	Foggy	Slight	Mid-Flood	S	1	12:11	7.40	8.26	24.91	28.3	1.85	4	-	-	-
B3	7/7/2018	Foggy	Slight	Mid-Flood	S	1	12:11	7.42	8.28	24.84	28.3	1.85	3	-	-	-
CR1	7/7/2018	Foggy	Slight	Mid-Flood	B	17.2	12:24	4.57	8.02	26.09	27.8	0.99	7	-	-	-
CR1	7/7/2018	Foggy	Slight	Mid-Flood	B	17.2	12:24	4.59	8.05	26.06	27.8	1.02	6	-	-	-
CR1	7/7/2018	Foggy	Slight	Mid-Flood	M	9.1	12:25	6.06	8.11	25.93	27.8	1.43	6	-	-	-
CR1	7/7/2018	Foggy	Slight	Mid-Flood	M	9.1	12:25	6.08	8.09	25.94	27.8	1.43	5	-	-	-
CR1	7/7/2018	Foggy	Slight	Mid-Flood	S	1	12:26	7.43	8.26	24.95	28.4	1.06	6	-	-	-
CR1	7/7/2018	Foggy	Slight	Mid-Flood	S	1	12:26	7.41	8.23	24.92	28.4	1.09	5	-	-	-

Contract No. EP/SP/66/12  
 Integrated Waste Management Facilities, Phase 1  
 Baseline Water Quality Monitoring Data

Location	Date	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>note 4</small>	SS (mg/L)	Total Alkalinity (mg/L) <small>note 2</small>	Current Velocity (m/s) <small>note 2</small>	Current Direction (NSWE) <small>note 2</small>
CR2	7/7/2018	Foggy	Slight	Mid-Flood	B	14.4	12:46	7.89	8.25	24.90	28.3	1.42	4	-	-	-
CR2	7/7/2018	Foggy	Slight	Mid-Flood	B	14.4	12:46	7.88	8.22	25.00	28.3	1.41	5	-	-	-
CR2	7/7/2018	Foggy	Slight	Mid-Flood	M	7.7	12:47	9.92	8.43	24.20	28.7	1.55	5	-	-	-
CR2	7/7/2018	Foggy	Slight	Mid-Flood	M	7.7	12:47	9.93	8.42	24.11	28.7	1.52	6	-	-	-
CR2	7/7/2018	Foggy	Slight	Mid-Flood	S	1	12:48	10.12	8.47	24.07	28.9	1.01	6	-	-	-
CR2	7/7/2018	Foggy	Slight	Mid-Flood	S	1	12:48	10.11	8.47	24.03	28.9	1.02	6	-	-	-
H1	7/7/2018	Foggy	Slight	Mid-Flood	B	8.6	13:04	6.79	8.15	25.46	28.1	1.84	6	-	-	-
H1	7/7/2018	Foggy	Slight	Mid-Flood	B	8.6	13:04	6.76	8.17	25.39	28.1	1.82	6	-	-	-
H1	7/7/2018	Fine	Moderate	Mid-Flood	M	4.8	13:05	7.39	8.25	24.93	28.3	1.52	5	-	-	-
H1	7/7/2018	Fine	Moderate	Mid-Flood	M	4.8	13:05	7.40	8.28	25.01	28.3	1.50	4	-	-	-
H1	7/7/2018	Fine	Moderate	Mid-Flood	S	1	13:06	7.42	8.25	24.91	28.3	1.46	4	-	-	-
H1	7/7/2018	Fine	Moderate	Mid-Flood	S	1	13:06	7.39	8.26	24.99	28.3	1.45	3	-	-	-
B2	7/7/2018	Foggy	Slight	Mid-Ebb	B	5	13:25	4.75	8.03	26.03	27.8	1.07	6	-	-	-
B2	7/7/2018	Foggy	Slight	Mid-Ebb	B	5	13:25	4.76	8.05	26.04	27.9	1.06	7	-	-	-
B2	7/7/2018	Foggy	Slight	Mid-Ebb	S	1	13:26	5.58	8.03	25.99	27.8	0.95	5	-	-	-
B2	7/7/2018	Foggy	Slight	Mid-Ebb	S	1	13:26	5.61	8.03	26.07	27.9	0.98	6	-	-	-
B1	7/7/2018	Sunny	Slight	Mid-Flood	B	5.2	13:39	4.39	8.03	26.07	27.8	1.07	4	-	-	-
B1	7/7/2018	Sunny	Slight	Mid-Flood	B	5.2	13:39	4.37	8.03	26.11	27.8	1.07	5	-	-	-
B1	7/7/2018	Foggy	Slight	Mid-Flood	S	1	13:40	4.73	8.16	25.57	28.0	1.36	4	-	-	-

Contract No. EP/SP/66/12  
Integrated Waste Management Facilities, Phase 1  
Baseline Water Quality Monitoring Data

Location	Date	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>note 4</small>	SS (mg/L)	Total Alkalinity (mg/L) <small>note 2</small>	Current Velocity (m/s) <small>note 2</small>	Current Direction (NSWE) <small>note 2</small>
B1	7/7/2018	Foggy	Slight	Mid-Flood	S	1	13:40	4.74	8.18	25.48	28.0	1.36	3	-	-	-
C1	7/7/2018	Foggy	Slight	Mid-Flood	B	12.6	13:53	4.37	8.03	26.01	27.8	1.04	8	-	-	-
C1	7/7/2018	Foggy	Slight	Mid-Flood	B	12.6	13:53	4.39	8.01	25.91	27.9	1.06	9	-	-	-
C1	7/7/2018	Foggy	Slight	Mid-Flood	M	6.8	13:54	4.57	8.03	26.01	27.8	0.90	8	-	-	-
C1	7/7/2018	Foggy	Slight	Mid-Flood	M	6.8	13:54	4.55	8.05	26.00	27.8	0.89	8	-	-	-
C1	7/7/2018	Foggy	Slight	Mid-Flood	S	1	13:55	6.80	8.20	25.23	28.2	1.03	7	-	-	-
C1	7/7/2018	Foggy	Slight	Mid-Flood	S	1	13:55	6.82	8.23	25.31	28.2	1.04	5	-	-	-
C1	7/7/2018	Fine	Moderate	Mid-Ebb	B	12.4	17:15	2.56	7.90	27.24	27.3	1.81	4	-	-	-
C1	7/7/2018	Fine	Moderate	Mid-Ebb	B	12.4	17:15	2.59	7.88	27.33	27.2	1.79	5	-	-	-
C1	7/7/2018	Fine	Moderate	Mid-Ebb	M	6.7	17:16	2.77	7.90	27.14	27.3	1.73	5	-	-	-
C1	7/7/2018	Fine	Moderate	Mid-Ebb	M	6.7	17:16	2.80	7.91	27.08	27.3	1.76	5	-	-	-
C1	7/7/2018	Fine	Moderate	Mid-Ebb	S	1	17:17	3.73	8.03	25.97	27.8	1.19	6	-	-	-
C1	7/7/2018	Fine	Moderate	Mid-Ebb	S	1	17:17	3.70	8.02	25.91	27.9	1.17	6	-	-	-
B1	7/7/2018	Foggy	Slight	Mid-Ebb	B	4.8	17:38	3.23	7.89	27.46	27.2	1.83	5	-	-	-
B1	7/7/2018	Foggy	Slight	Mid-Ebb	B	4.8	17:38	3.25	7.91	27.47	27.2	1.80	5	-	-	-
B1	7/7/2018	Fine	Moderate	Mid-Ebb	S	1	17:39	4.38	8.06	26.13	27.8	0.91	5	-	-	-
B1	7/7/2018	Fine	Moderate	Mid-Ebb	S	1	17:39	4.41	8.07	26.09	27.7	0.92	4	-	-	-
B2	7/7/2018	Fine	Moderate	Mid-Flood	B	4.8	17:48	2.65	7.92	26.89	27.3	1.74	5	-	-	-
B2	7/7/2018	Fine	Moderate	Mid-Flood	B	4.8	17:48	2.68	7.90	26.85	27.4	1.72	4	-	-	-

Contract No. EP/SP/66/12  
 Integrated Waste Management Facilities, Phase 1  
 Baseline Water Quality Monitoring Data

Location	Date	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>note 4</small>	SS (mg/L)	Total Alkalinity (mg/L) <small>note 2</small>	Current Velocity (m/s) <small>note 2</small>	Current Direction (NSWE) <small>note 2</small>
B2	7/7/2018	Fine	Moderate	Mid-Flood	S	1	17:49	2.99	7.90	27.20	27.4	2.40	4	-	-	-
B2	7/7/2018	Fine	Moderate	Mid-Flood	S	1	17:49	3.00	7.90	27.11	27.4	2.41	3	-	-	-
H1	7/7/2018	Fine	Moderate	Mid-Ebb	B	8.3	18:03	2.80	7.90	27.14	27.3	1.82	7	-	-	-
H1	7/7/2018	Fine	Moderate	Mid-Ebb	B	8.3	18:03	2.81	7.88	27.24	27.2	1.80	8	-	-	-
H1	7/7/2018	Fine	Moderate	Mid-Ebb	M	4.65	18:04	2.84	7.94	26.75	27.4	1.80	7	-	-	-
H1	7/7/2018	Fine	Moderate	Mid-Ebb	M	4.65	18:04	2.81	7.96	26.67	27.5	1.81	6	-	-	-
H1	7/7/2018	Fine	Moderate	Mid-Ebb	S	1	18:05	4.15	8.05	26.17	27.7	1.55	6	-	-	-
H1	7/7/2018	Fine	Moderate	Mid-Ebb	S	1	18:05	4.18	8.08	26.18	27.8	1.54	5	-	-	-
CR2	7/7/2018	Fine	Moderate	Mid-Ebb	B	14	18:24	3.96	8.01	26.39	27.6	1.24	6	-	-	-
CR2	7/7/2018	Fine	Moderate	Mid-Ebb	B	14	18:24	3.97	8.00	26.41	27.7	1.21	5	-	-	-
CR2	7/7/2018	Fine	Moderate	Mid-Ebb	M	7.5	18:25	4.35	8.05	25.95	27.8	1.19	4	-	-	-
CR2	7/7/2018	Fine	Moderate	Mid-Ebb	M	7.5	18:25	4.37	8.05	25.95	27.8	1.11	4	-	-	-
CR2	7/7/2018	Fine	Moderate	Mid-Ebb	S	1	18:26	6.08	8.23	24.92	28.2	1.75	5	-	-	-
CR2	7/7/2018	Fine	Moderate	Mid-Ebb	S	1	18:26	6.11	8.23	24.97	28.2	1.77	5	-	-	-
CR1	7/7/2018	Fine	Moderate	Mid-Ebb	B	17.1	18:46	6.90	8.24	24.94	28.2	1.43	6	-	-	-
CR1	7/7/2018	Fine	Moderate	Mid-Ebb	B	17.1	18:46	6.92	8.22	24.87	28.2	1.42	7	-	-	-
CR1	7/7/2018	Fine	Moderate	Mid-Ebb	M	9.05	18:47	6.96	8.24	24.93	28.2	1.60	6	-	-	-
CR1	7/7/2018	Fine	Moderate	Mid-Ebb	M	9.05	18:47	6.96	8.22	24.95	28.2	1.60	5	-	-	-
CR1	7/7/2018	Fine	Moderate	Mid-Ebb	S	1	18:48	7.00	8.24	24.94	28.2	1.44	5	-	-	-



Contract No. EP/SP/66/12  
 Integrated Waste Management Facilities, Phase 1  
 Baseline Water Quality Monitoring Data

Location	Date	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>note 4</small>	SS (mg/L)	Total Alkalinity (mg/L) <small>note 2</small>	Current Velocity (m/s) <small>note 2</small>	Current Direction (NSWE) <small>note 2</small>
CR1	7/7/2018	Fine	Moderate	Mid-Ebb	S	1	18:48	7.01	8.26	24.93	28.2	1.43	4	-	-	-
B3	7/7/2018	Foggy	Slight	Mid-Ebb	B	4.7	19:07	7.16	8.25	24.98	28.3	1.07	11	-	-	-
B3	7/7/2018	Foggy	Slight	Mid-Ebb	B	4.7	19:07	7.13	8.28	25.01	28.4	1.05	10	-	-	-
B3	7/7/2018	Fine	Moderate	Mid-Ebb	S	1	19:08	4.84	8.05	25.95	27.8	1.39	9	-	-	-
B3	7/7/2018	Fine	Moderate	Mid-Ebb	S	1	19:08	4.87	8.06	25.92	27.9	1.38	8	-	-	-
B4	7/7/2018	Fine	Moderate	Mid-Ebb	B	5.1	19:17	3.35	7.91	27.44	27.2	1.91	4	-	-	-
B4	7/7/2018	Fine	Moderate	Mid-Ebb	B	5.1	19:17	3.37	7.94	27.51	27.3	1.90	4	-	-	-
B4	7/7/2018	Fine	Moderate	Mid-Ebb	S	1	19:18	4.45	8.03	26.16	27.7	1.42	6	-	-	-
B4	7/7/2018	Fine	Moderate	Mid-Ebb	S	1	19:18	4.45	8.05	26.25	27.6	1.41	6	-	-	-
C2	7/7/2018	Fine	Moderate	Mid-Ebb	B	8.3	19:32	2.43	7.86	27.65	27.2	2.27	5	-	-	-
C2	7/7/2018	Fine	Moderate	Mid-Ebb	B	8.3	19:32	2.41	7.84	27.63	27.1	2.29	4	-	-	-
C2	7/7/2018	Fine	Moderate	Mid-Ebb	M	4.65	19:33	2.53	7.88	27.33	27.2	1.59	5	-	-	-
C2	7/7/2018	Fine	Moderate	Mid-Ebb	M	4.65	19:33	2.52	7.90	27.28	27.3	1.59	6	-	-	-
C2	7/7/2018	Fine	Moderate	Mid-Ebb	S	1	19:34	2.63	7.91	26.93	27.3	2.06	6	-	-	-
F1	7/7/2018	Fine	Moderate	Mid-Ebb	B	7.8	19:57	2.71	7.88	27.47	27.2	2.12	6	-	-	-
F1	7/7/2018	Fine	Moderate	Mid-Ebb	B	7.8	19:57	2.69	7.85	27.38	27.3	2.09	6	-	-	-
F1	7/7/2018	Fine	Moderate	Mid-Ebb	M	4.4	19:58	2.86	7.91	27.06	27.3	2.04	6	-	-	-
F1	7/7/2018	Fine	Moderate	Mid-Ebb	M	4.4	19:58	2.84	7.94	27.01	27.4	2.03	5	-	-	-
F1	7/7/2018	Fine	Moderate	Mid-Ebb	S	1	19:59	3.69	8.01	26.27	27.6	1.61	5	-	-	-

Contract No. EP/SP/66/12  
Integrated Waste Management Facilities, Phase 1  
Baseline Water Quality Monitoring Data

Location	Date	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>note 4</small>	SS (mg/L)	Total Alkalinity (mg/L) <small>note 2</small>	Current Velocity (m/s) <small>note 2</small>	Current Direction (NSWE) <small>note 2</small>
F1	7/7/2018	Fine	Moderate	Mid-Ebb	S	1	19:59	3.62	7.95	27.14	27.3	1.68	5	-	-	-
M1	7/7/2018	Cloudy	Slight	Mid-Ebb	B	8.3	20:24	2.05	7.82	28.16	27.0	3.27	3	-	-	-
M1	7/7/2018	Cloudy	Slight	Mid-Ebb	B	8.3	20:24	1.72	7.82	28.03	27.1	3.01	4	-	-	-
M1	7/7/2018	Cloudy	Slight	Mid-Ebb	M	4.65	20:25	1.98	7.85	27.72	27.1	2.31	2	-	-	-
M1	7/7/2018	Cloudy	Slight	Mid-Ebb	M	4.65	20:25	2.05	7.85	27.70	27.1	2.39	2	-	-	-
M1	7/7/2018	Cloudy	Slight	Mid-Ebb	S	1	20:26	2.63	7.89	27.42	27.2	2.10	2	-	-	-
M1	7/7/2018	Cloudy	Slight	Mid-Ebb	S	1	20:26	2.64	7.90	27.39	27.2	2.11	3	-	-	-
C2	7/7/2018	Fine	Moderate	Mid-Ebb	S	1	20:34	2.66	7.94	26.85	27.4	2.08	6	-	-	-
C2	10/7/2018	Cloudy	Moderate	Mid-Flood	B	7.3	01:15	4.55	8.06	27.85	27.1	0.71	8	-	-	-
C2	10/7/2018	Cloudy	Moderate	Mid-Flood	B	7.3	01:15	4.55	8.09	27.80	27.1	0.72	9	-	-	-
C2	10/7/2018	Cloudy	Moderate	Mid-Flood	M	4.15	01:15	4.57	8.06	27.89	27.1	0.83	7	-	-	-
C2	10/7/2018	Cloudy	Moderate	Mid-Flood	M	4.15	01:16	4.60	8.08	27.85	27.1	0.86	6	-	-	-
C2	10/7/2018	Cloudy	Moderate	Mid-Flood	S	1	01:16	4.58	8.06	28.00	26.9	0.98	5	-	-	-
C2	10/7/2018	Cloudy	Moderate	Mid-Flood	S	1	01:16	4.59	8.07	27.95	26.9	0.97	6	-	-	-
M1	10/7/2018	Cloudy	Moderate	Mid-Flood	B	9.6	01:37	4.57	8.07	27.89	27.1	0.88	7	-	-	-
M1	10/7/2018	Cloudy	Moderate	Mid-Flood	B	9.6	01:37	4.55	8.08	27.93	27.1	0.89	8	-	-	-
M1	10/7/2018	Cloudy	Moderate	Mid-Flood	M	5.3	01:37	4.61	8.07	28.00	27.0	1.22	6	-	-	-
M1	10/7/2018	Cloudy	Moderate	Mid-Flood	M	5.3	01:38	4.61	8.07	28.00	27.0	1.20	6	-	-	-
M1	10/7/2018	Cloudy	Moderate	Mid-Flood	S	1	01:38	4.19	8.01	28.35	26.8	1.52	5	-	-	-

Contract No. EP/SP/66/12  
 Integrated Waste Management Facilities, Phase 1  
 Baseline Water Quality Monitoring Data

Location	Date	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>note 4</small>	SS (mg/L)	Total Alkalinity (mg/L) <small>note 2</small>	Current Velocity (m/s) <small>note 2</small>	Current Direction (NSWE) <small>note 2</small>
M1	10/7/2018	Cloudy	Moderate	Mid-Flood	S	1	01:38	4.17	8.00	28.44	26.7	1.54	6	-	-	-
F1	10/7/2018	Cloudy	Moderate	Mid-Flood	B	6.7	02:00	4.48	8.06	27.72	27.0	1.03	7	-	-	-
F1	10/7/2018	Cloudy	Moderate	Mid-Flood	B	6.7	02:00	4.46	8.05	27.70	26.9	1.04	8	-	-	-
F1	10/7/2018	Cloudy	Moderate	Mid-Flood	M	3.85	02:00	4.47	8.05	27.10	27.1	1.30	9	-	-	-
F1	10/7/2018	Cloudy	Moderate	Mid-Flood	M	3.85	02:01	4.66	8.10	26.49	27.4	1.48	9	-	-	-
F1	10/7/2018	Cloudy	Moderate	Mid-Flood	S	1	02:01	5.68	8.21	25.61	27.8	1.78	7	-	-	-
F1	10/7/2018	Cloudy	Moderate	Mid-Flood	S	1	02:02	5.69	8.19	25.65	27.9	1.79	7	-	-	-
B4	10/7/2018	Cloudy	Moderate	Mid-Flood	B	4.1	02:23	6.34	8.25	25.16	28.1	2.52	10	-	-	-
B4	10/7/2018	Cloudy	Moderate	Mid-Flood	B	4.1	02:23	6.35	8.22	25.10	28.1	2.54	11	-	-	-
B4	10/7/2018	Cloudy	Moderate	Mid-Flood	S	1	02:24	6.19	8.23	25.56	27.9	2.02	8	-	-	-
B4	10/7/2018	Cloudy	Moderate	Mid-Flood	S	1	02:24	6.19	8.25	25.47	27.9	2.04	8	-	-	-
B3	10/7/2018	Cloudy	Moderate	Mid-Flood	B	3.9	02:35	6.36	8.25	25.29	28.0	2.04	8	-	-	-
B3	10/7/2018	Cloudy	Moderate	Mid-Flood	B	3.9	02:35	6.37	8.24	25.20	27.9	2.03	8	-	-	-
B3	10/7/2018	Cloudy	Moderate	Mid-Flood	S	1	02:36	5.33	8.11	26.68	27.3	1.33	8	-	-	-
B3	10/7/2018	Cloudy	Moderate	Mid-Flood	S	1	02:37	5.31	8.08	26.69	27.4	1.33	8	-	-	-
CR1	10/7/2018	Cloudy	Moderate	Mid-Flood	B	16	02:54	5.14	8.17	26.04	27.2	1.91	7	-	-	-
CR1	10/7/2018	Cloudy	Moderate	Mid-Flood	B	16	02:54	5.16	8.18	25.99	27.2	1.88	8	-	-	-
CR1	10/7/2018	Cloudy	Moderate	Mid-Flood	M	8.5	02:55	5.04	8.11	26.62	28.0	1.82	7	-	-	-
CR1	10/7/2018	Cloudy	Moderate	Mid-Flood	M	8.5	02:55	5.03	8.12	26.53	28.1	1.82	8	-	-	-

Contract No. EP/SP/66/12  
 Integrated Waste Management Facilities, Phase 1  
 Baseline Water Quality Monitoring Data

Location	Date	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>note 4</small>	SS (mg/L)	Total Alkalinity (mg/L) <small>note 2</small>	Current Velocity (m/s) <small>note 2</small>	Current Direction (NSWE) <small>note 2</small>
CR1	10/7/2018	Cloudy	Moderate	Mid-Flood	S	1	02:55	4.86	8.09	26.91	27.6	1.39	7	-	-	-
CR1	10/7/2018	Cloudy	Moderate	Mid-Flood	S	1	02:55	4.85	8.11	26.90	27.6	1.37	6	-	-	-
CR2	10/7/2018	Cloudy	Moderate	Mid-Flood	B	13.5	03:14	5.85	8.24	25.32	28.1	2.75	9	-	-	-
CR2	10/7/2018	Cloudy	Moderate	Mid-Flood	B	13.5	03:14	5.84	8.25	25.35	28.2	2.75	7	-	-	-
CR2	10/7/2018	Cloudy	Moderate	Mid-Flood	M	7.25	03:15	5.83	8.24	25.30	28.1	2.75	9	-	-	-
CR2	10/7/2018	Cloudy	Moderate	Mid-Flood	M	7.25	03:15	5.84	8.22	25.32	28.2	2.76	8	-	-	-
CR2	10/7/2018	Cloudy	Moderate	Mid-Flood	S	1	03:16	5.81	8.19	26.24	28.1	1.66	6	-	-	-
CR2	10/7/2018	Cloudy	Moderate	Mid-Flood	S	1	03:16	5.83	8.17	26.33	28.2	1.67	7	-	-	-
H1	10/7/2018	Cloudy	Moderate	Mid-Flood	B	7.2	03:37	5.88	8.26	25.01	27.5	2.13	5	-	-	-
H1	10/7/2018	Cloudy	Moderate	Mid-Flood	B	7.2	03:37	5.87	8.28	24.97	27.4	2.12	5	-	-	-
H1	10/7/2018	Cloudy	Moderate	Mid-Flood	M	4.1	03:38	6.15	8.27	25.08	28.1	2.18	6	-	-	-
H1	10/7/2018	Cloudy	Moderate	Mid-Flood	M	4.1	03:38	6.16	8.26	25.13	28.2	2.17	5	-	-	-
H1	10/7/2018	Cloudy	Moderate	Mid-Flood	S	1	03:39	5.74	8.15	26.38	27.5	1.74	5	-	-	-
H1	10/7/2018	Cloudy	Moderate	Mid-Flood	S	1	03:39	5.75	8.18	26.35	27.5	1.73	5	-	-	-
B2	10/7/2018	Cloudy	Moderate	Mid-Flood	B	3.6	04:00	5.99	8.27	25.06	28.1	1.96	8	-	-	-
B2	10/7/2018	Cloudy	Moderate	Mid-Flood	B	3.6	04:00	5.99	8.30	25.13	28.2	1.96	9	-	-	-
B2	10/7/2018	Cloudy	Moderate	Mid-Flood	S	1	04:01	4.60	8.05	27.14	27.1	1.84	8	-	-	-
B2	10/7/2018	Cloudy	Moderate	Mid-Flood	S	1	04:01	4.63	8.06	27.13	27.1	1.86	7	-	-	-
B1	10/7/2018	Cloudy	Moderate	Mid-Flood	B	3.7	04:13	5.15	8.19	25.75	27.8	2.32	7	-	-	-

Contract No. EP/SP/66/12  
 Integrated Waste Management Facilities, Phase 1  
 Baseline Water Quality Monitoring Data

Location	Date	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>note 4</small>	SS (mg/L)	Total Alkalinity (mg/L) <small>note 2</small>	Current Velocity (m/s) <small>note 2</small>	Current Direction (NSWE) <small>note 2</small>
B1	10/7/2018	Cloudy	Moderate	Mid-Flood	B	3.7	04:13	5.15	8.17	25.70	27.8	2.31	7	-	-	-
B1	10/7/2018	Cloudy	Moderate	Mid-Flood	S	1	04:14	4.96	8.08	26.93	27.2	1.43	7	-	-	-
B1	10/7/2018	Cloudy	Moderate	Mid-Flood	S	1	04:14	4.99	8.07	26.83	27.2	1.46	7	-	-	-
C1	10/7/2018	Cloudy	Moderate	Mid-Flood	B	11.5	04:28	5.06	8.15	26.25	27.6	2.29	6	-	-	-
C1	10/7/2018	Cloudy	Moderate	Mid-Flood	B	11.5	04:28	5.09	8.15	26.30	27.6	2.27	6	-	-	-
C1	10/7/2018	Cloudy	Moderate	Mid-Flood	M	6.25	04:28	4.82	8.07	27.06	27.2	1.33	4	-	-	-
C1	10/7/2018	Cloudy	Moderate	Mid-Flood	S	1	04:29	4.44	8.05	27.36	27.0	1.28	4	-	-	-
C1	10/7/2018	Cloudy	Moderate	Mid-Flood	S	1	04:29	4.47	8.04	27.28	27.1	1.30	5	-	-	-
C1	10/7/2018	Cloudy	Moderate	Mid-Flood	M	6.25	04:29	4.84	8.08	27.03	27.2	1.31	5	-	-	-
C1	10/7/2018	Cloudy	Slight	Mid-Ebb	B	11.3	08:45	5.53	8.25	25.13	28.1	1.88	6	-	-	-
C1	10/7/2018	Cloudy	Slight	Mid-Ebb	B	11.3	08:45	5.55	8.26	25.10	28.1	1.88	6	-	-	-
C1	10/7/2018	Cloudy	Slight	Mid-Ebb	M	6.15	08:46	5.55	8.12	26.66	27.3	1.61	6	-	-	-
C1	10/7/2018	Cloudy	Slight	Mid-Ebb	M	6.15	08:46	5.57	8.12	26.74	27.3	1.60	6	-	-	-
C1	10/7/2018	Cloudy	Slight	Mid-Ebb	S	1	08:47	4.61	8.06	27.20	27.1	1.38	5	-	-	-
C1	10/7/2018	Cloudy	Slight	Mid-Ebb	S	1	08:47	4.59	8.05	27.14	27.1	1.36	4	-	-	-
B1	10/7/2018	Cloudy	Slight	Mid-Ebb	B	3.4	09:07	6.65	8.27	25.13	28.1	2.45	6	-	-	-
B1	10/7/2018	Cloudy	Slight	Mid-Ebb	B	3.4	09:07	6.62	8.27	25.15	28.0	2.43	5	-	-	-
B1	10/7/2018	Cloudy	Slight	Mid-Ebb	S	1	09:08	5.68	8.12	26.67	27.3	1.90	6	-	-	-
B1	10/7/2018	Cloudy	Slight	Mid-Ebb	S	1	09:08	5.69	8.12	26.58	27.4	1.87	6	-	-	-

Contract No. EP/SP/66/12  
 Integrated Waste Management Facilities, Phase 1  
 Baseline Water Quality Monitoring Data

Location	Date	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>note 4</small>	SS (mg/L)	Total Alkalinity (mg/L) <small>note 2</small>	Current Velocity (m/s) <small>note 2</small>	Current Direction (NSWE) <small>note 2</small>
B2	10/7/2018	Cloudy	Slight	Mid-Ebb	B	3.2	09:19	5.22	8.11	26.71	27.3	1.58	7	-	-	-
B2	10/7/2018	Cloudy	Slight	Mid-Ebb	B	3.2	09:19	5.22	8.12	26.73	27.4	1.57	6	-	-	-
B2	10/7/2018	Cloudy	Slight	Mid-Ebb	S	1	09:20	4.77	8.07	27.74	27.0	1.26	6	-	-	-
B2	10/7/2018	Cloudy	Slight	Mid-Ebb	S	1	09:20	4.77	8.09	27.73	27.0	1.27	5	-	-	-
H1	10/7/2018	Cloudy	Slight	Mid-Ebb	B	6.6	09:34	4.62	8.07	27.10	27.1	1.48	7	-	-	-
H1	10/7/2018	Cloudy	Slight	Mid-Ebb	B	6.6	09:34	4.61	8.07	27.16	27.0	1.49	7	-	-	-
H1	10/7/2018	Cloudy	Slight	Mid-Ebb	M	3.8	09:35	4.48	8.07	28.07	26.9	0.80	6	-	-	-
H1	10/7/2018	Cloudy	Slight	Mid-Ebb	M	3.8	09:35	4.50	8.08	28.12	27.0	0.81	6	-	-	-
H1	10/7/2018	Cloudy	Slight	Mid-Ebb	S	1	09:36	4.44	8.06	28.50	26.8	0.90	7	-	-	-
H1	10/7/2018	Cloudy	Slight	Mid-Ebb	S	1	09:36	4.43	8.04	28.53	26.8	0.87	7	-	-	-
CR2	10/7/2018	Cloudy	Slight	Mid-Ebb	B	13.3	09:55	4.39	8.07	28.13	26.9	1.11	7	-	-	-
CR2	10/7/2018	Cloudy	Slight	Mid-Ebb	B	13.3	09:55	4.37	8.09	28.22	26.8	1.09	8	-	-	-
CR2	10/7/2018	Cloudy	Slight	Mid-Ebb	M	7.15	09:56	3.66	8.00	28.58	26.7	2.88	5	-	-	-
CR2	10/7/2018	Cloudy	Slight	Mid-Ebb	M	7.15	09:56	3.69	8.02	28.58	26.7	2.89	6	-	-	-
CR2	10/7/2018	Cloudy	Slight	Mid-Ebb	S	1	09:57	3.92	8.06	28.52	26.8	0.98	7	-	-	-
CR2	10/7/2018	Cloudy	Slight	Mid-Ebb	S	1	09:57	3.92	8.04	28.44	26.7	0.96	7	-	-	-
CR1	10/7/2018	Cloudy	Slight	Mid-Ebb	M	8.3	10:15	5.80	8.19	26.11	27.7	1.94	7	-	-	-
CR1	10/7/2018	Cloudy	Slight	Mid-Ebb	B	15.6	10:15	6.37	8.27	25.27	28.1	1.93	7	-	-	-
CR1	10/7/2018	Cloudy	Slight	Mid-Ebb	B	15.6	10:15	6.38	8.27	25.27	28.1	1.97	8	-	-	-

Contract No. EP/SP/66/12  
Integrated Waste Management Facilities, Phase 1  
Baseline Water Quality Monitoring Data

Location	Date	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>note 4</small>	SS (mg/L)	Total Alkalinity (mg/L) <small>note 2</small>	Current Velocity (m/s) <small>note 2</small>	Current Direction (NSWE) <small>note 2</small>
CR1	10/7/2018	Cloudy	Slight	Mid-Ebb	M	8.3	10:16	5.07	8.08	27.23	27.1	1.97	7	-	-	-
CR1	10/7/2018	Cloudy	Slight	Mid-Ebb	S	1	10:16	6.37	8.27	25.28	28.1	1.20	6	-	-	-
CR1	10/7/2018	Cloudy	Slight	Mid-Ebb	S	1	10:17	6.18	8.19	26.21	27.7	2.00	6	-	-	-
B3	10/7/2018	Cloudy	Slight	Mid-Ebb	B	3.5	10:36	5.09	8.15	26.33	27.4	1.91	7	-	-	-
B3	10/7/2018	Cloudy	Slight	Mid-Ebb	B	3.5	10:36	5.07	8.17	26.41	27.4	1.92	6	-	-	-
B3	10/7/2018	Cloudy	Slight	Mid-Ebb	S	1	10:37	4.53	8.07	27.99	26.9	1.08	4	-	-	-
B3	10/7/2018	Cloudy	Slight	Mid-Ebb	S	1	10:37	4.56	8.06	27.95	26.9	1.08	6	-	-	-
B4	10/7/2018	Cloudy	Slight	Mid-Ebb	B	3.9	10:46	6.32	8.26	25.36	28.1	1.13	6	-	-	-
B4	10/7/2018	Cloudy	Slight	Mid-Ebb	B	3.9	10:46	6.31	8.27	25.36	28.0	1.12	5	-	-	-
B4	10/7/2018	Cloudy	Slight	Mid-Ebb	S	1	10:47	5.59	8.12	27.37	27.2	1.09	6	-	-	-
B4	10/7/2018	Cloudy	Slight	Mid-Ebb	S	1	10:47	5.59	8.10	27.34	27.1	1.07	5	-	-	-
C2	10/7/2018	Cloudy	Slight	Mid-Ebb	B	7	11:01	4.69	8.08	27.11	27.1	1.92	8	-	-	-
C2	10/7/2018	Cloudy	Slight	Mid-Ebb	B	7	11:01	4.70	8.09	27.20	27.1	1.91	7	-	-	-
C2	10/7/2018	Cloudy	Slight	Mid-Ebb	M	4	11:01	4.55	8.07	27.89	27.0	1.31	6	-	-	-
C2	10/7/2018	Cloudy	Slight	Mid-Ebb	M	4	11:02	4.48	8.08	28.10	26.9	1.18	8	-	-	-
C2	10/7/2018	Cloudy	Slight	Mid-Ebb	S	1	11:02	4.44	8.07	28.10	26.9	0.87	4	-	-	-
C2	10/7/2018	Cloudy	Slight	Mid-Ebb	S	1	11:02	4.46	8.10	28.20	26.8	0.86	5	-	-	-
F1	10/7/2018	Cloudy	Slight	Mid-Ebb	B	6.4	11:26	4.37	8.06	28.03	26.9	0.83	6	-	-	-
F1	10/7/2018	Cloudy	Slight	Mid-Ebb	B	6.4	11:26	4.37	8.07	27.94	26.9	0.83	7	-	-	-

Contract No. EP/SP/66/12  
 Integrated Waste Management Facilities, Phase 1  
 Baseline Water Quality Monitoring Data

Location	Date	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>note 4</small>	SS (mg/L)	Total Alkalinity (mg/L) <small>note 2</small>	Current Velocity (m/s) <small>note 2</small>	Current Direction (NSWE) <small>note 2</small>
F1	10/7/2018	Cloudy	Slight	Mid-Ebb	M	3.7	11:26	4.36	8.07	28.21	26.9	0.99	5	-	-	-
F1	10/7/2018	Cloudy	Slight	Mid-Ebb	M	3.7	11:27	4.34	8.05	28.29	26.9	1.00	5	-	-	-
F1	10/7/2018	Cloudy	Slight	Mid-Ebb	S	1	11:27	4.51	8.09	28.56	26.8	0.92	4	-	-	-
F1	10/7/2018	Cloudy	Slight	Mid-Ebb	S	1	11:28	4.52	8.07	28.65	26.9	0.95	5	-	-	-
M1	10/7/2018	Cloudy	Slight	Mid-Ebb	B	9.2	11:49	5.67	8.25	25.35	28.1	1.27	12	-	-	-
M1	10/7/2018	Cloudy	Slight	Mid-Ebb	B	9.2	11:49	5.70	8.26	25.36	28.1	1.26	14	-	-	-
M1	10/7/2018	Cloudy	Slight	Mid-Ebb	M	5.1	11:50	5.09	8.08	27.20	27.1	0.83	13	-	-	-
M1	10/7/2018	Cloudy	Slight	Mid-Ebb	M	5.1	11:50	5.08	8.07	27.15	27.2	0.85	11	-	-	-
M1	10/7/2018	Cloudy	Slight	Mid-Ebb	S	1	11:50	4.56	8.07	28.26	26.9	1.92	12	-	-	-
M1	10/7/2018	Cloudy	Slight	Mid-Ebb	S	1	11:51	4.54	8.06	28.26	26.9	1.91	11	-	-	-
C1	12/7/2018	Fine	Calm	Mid-Ebb	B	8.8	10:42	8.00	8.33	26.48	28.8	2.05	7	-	-	-
C1	12/7/2018	Fine	Calm	Mid-Ebb	B	8.8	10:42	7.98	8.33	26.48	28.8	2.04	7	-	-	-
C1	12/7/2018	Fine	Calm	Mid-Ebb	M	4.9	10:43	7.59	8.25	27.57	27.7	1.32	6	-	-	-
C1	12/7/2018	Fine	Calm	Mid-Ebb	M	4.9	10:43	7.60	8.27	27.53	27.7	1.31	5	-	-	-
C1	12/7/2018	Fine	Calm	Mid-Ebb	S	1	10:44	5.28	8.09	28.63	27.1	1.37	7	-	-	-
C1	12/7/2018	Fine	Calm	Mid-Ebb	S	1	10:44	5.30	8.11	28.65	27.1	1.36	7	-	-	-
H1	12/7/2018	Fine	Calm	Mid-Ebb	B	6.4	11:35	8.24	8.33	26.28	28.4	1.69	8	-	-	-
H1	12/7/2018	Fine	Calm	Mid-Ebb	B	6.4	11:35	8.28	8.33	26.55	28.3	2.17	7	-	-	-
H1	12/7/2018	Fine	Calm	Mid-Ebb	M	3.7	11:35	8.30	8.33	26.58	28.3	1.93	5	-	-	-



Contract No. EP/SP/66/12  
 Integrated Waste Management Facilities, Phase 1  
 Baseline Water Quality Monitoring Data

Location	Date	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>note 4</small>	SS (mg/L)	Total Alkalinity (mg/L) <small>note 2</small>	Current Velocity (m/s) <small>note 2</small>	Current Direction (NSWE) <small>note 2</small>
H1	12/7/2018	Fine	Calm	Mid-Ebb	M	3.7	11:36	8.30	8.33	26.28	28.4	1.74	5	-	-	-
H1	12/7/2018	Fine	Calm	Mid-Ebb	S	1	11:36	8.27	8.34	26.73	28.3	1.87	6	-	-	-
H1	12/7/2018	Fine	Calm	Mid-Ebb	S	1	11:37	7.73	8.28	27.42	27.8	1.56	5	-	-	-
CR2	12/7/2018	Fine	Calm	Mid-Ebb	B	13.1	11:51	8.78	8.39	26.22	28.7	1.89	9	-	-	-
CR2	12/7/2018	Fine	Calm	Mid-Ebb	B	13.1	11:51	7.81	8.27	27.76	27.7	1.27	9	-	-	-
CR2	12/7/2018	Fine	Calm	Mid-Ebb	M	7.05	11:52	8.66	8.38	26.19	28.7	2.05	7	-	-	-
CR2	12/7/2018	Fine	Calm	Mid-Ebb	M	7.05	11:52	7.42	8.27	27.78	27.6	0.91	6	-	-	-
CR2	12/7/2018	Fine	Calm	Mid-Ebb	S	1	11:53	8.19	8.31	27.60	27.8	1.04	7	-	-	-
CR2	12/7/2018	Fine	Calm	Mid-Ebb	S	1	11:53	5.65	8.12	29.07	27.2	0.94	8	-	-	-
CR1	12/7/2018	Fine	Calm	Mid-Ebb	B	15.4	12:02	8.90	8.40	26.29	28.7	1.95	10	-	-	-
CR1	12/7/2018	Fine	Calm	Mid-Ebb	B	15.4	12:03	6.82	8.23	28.10	27.6	1.03	10	-	-	-
CR1	12/7/2018	Fine	Calm	Mid-Ebb	M	8.2	12:03	5.11	8.13	29.17	27.1	0.77	9	-	-	-
CR1	12/7/2018	Fine	Calm	Mid-Ebb	M	8.2	12:04	8.72	8.40	26.29	28.7	2.00	10	-	-	-
CR1	12/7/2018	Fine	Calm	Mid-Ebb	S	1	12:04	6.86	8.23	28.24	27.6	1.07	8	-	-	-
CR1	12/7/2018	Fine	Calm	Mid-Ebb	S	1	12:05	6.67	8.24	28.14	27.6	1.08	7	-	-	-
C2	12/7/2018	Fine	Calm	Mid-Ebb	B	6.8	12:55	9.07	8.39	27.03	28.8	1.43	7	-	-	-
C2	12/7/2018	Fine	Calm	Mid-Ebb	B	6.8	12:56	8.51	8.35	27.26	28.4	1.70	8	-	-	-
C2	12/7/2018	Fine	Calm	Mid-Ebb	M	3.9	12:56	8.37	8.31	27.82	28.1	1.62	7	-	-	-
C2	12/7/2018	Fine	Calm	Mid-Ebb	M	3.9	12:57	8.72	8.39	27.03	28.8	1.38	8	-	-	-

Contract No. EP/SP/66/12  
 Integrated Waste Management Facilities, Phase 1  
 Baseline Water Quality Monitoring Data

Location	Date	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>note 4</small>	SS (mg/L)	Total Alkalinity (mg/L) <small>note 2</small>	Current Velocity (m/s) <small>note 2</small>	Current Direction (NSWE) <small>note 2</small>
C2	12/7/2018	Fine	Calm	Mid-Ebb	S	1	12:57	8.49	8.35	27.31	28.4	1.64	7	-	-	-
C2	12/7/2018	Fine	Calm	Mid-Ebb	S	1	12:58	7.73	8.18	28.45	27.3	2.29	7	-	-	-
F1	12/7/2018	Fine	Calm	Mid-Ebb	B	6.2	13:14	8.65	8.37	27.75	28.8	1.61	7	-	-	-
F1	12/7/2018	Fine	Calm	Mid-Ebb	B	6.2	13:14	8.39	8.30	28.15	27.7	1.58	6	-	-	-
F1	12/7/2018	Fine	Calm	Mid-Ebb	M	3.6	13:15	5.67	8.02	29.34	26.2	2.26	7	-	-	-
F1	12/7/2018	Fine	Calm	Mid-Ebb	M	3.6	13:15	8.27	8.34	27.76	28.7	1.65	7	-	-	-
F1	12/7/2018	Fine	Calm	Mid-Ebb	S	1	13:16	8.30	8.31	28.06	27.8	1.64	8	-	-	-
F1	12/7/2018	Fine	Calm	Mid-Ebb	S	1	13:16	6.42	8.08	28.99	26.4	1.67	8	-	-	-
M1	12/7/2018	Fine	Calm	Mid-Ebb	B	8.8	13:32	8.93	8.35	27.67	28.4	1.40	7	-	-	-
M1	12/7/2018	Fine	Calm	Mid-Ebb	B	8.8	13:32	6.27	8.03	28.28	27.0	1.71	8	-	-	-
M1	12/7/2018	Fine	Calm	Mid-Ebb	M	4.9	13:33	5.07	7.90	28.58	26.6	2.37	7	-	-	-
M1	12/7/2018	Fine	Calm	Mid-Ebb	M	4.9	13:33	7.52	8.34	27.71	28.4	1.45	8	-	-	-
M1	12/7/2018	Fine	Calm	Mid-Ebb	S	1	13:34	6.29	8.06	28.22	27.1	1.89	8	-	-	-
M1	12/7/2018	Fine	Calm	Mid-Ebb	S	1	13:34	4.76	7.91	28.56	26.7	2.01	8	-	-	-
C2	14/7/2018	Cloudy	Moderate	Mid-Flood	B	7.1	05:46	4.98	8.02	26.83	26.6	2.83	5	-	-	-
C2	14/7/2018	Cloudy	Moderate	Mid-Flood	B	7.1	05:46	4.99	7.99	26.82	26.5	2.82	5	-	-	-
C2	14/7/2018	Cloudy	Moderate	Mid-Flood	M	4.05	05:46	4.91	8.02	26.98	26.6	3.13	4	-	-	-
C2	14/7/2018	Cloudy	Moderate	Mid-Flood	M	4.05	05:47	4.89	8.02	27.04	26.6	3.38	4	-	-	-
C2	14/7/2018	Cloudy	Moderate	Mid-Flood	S	1	05:47	4.93	8.02	27.03	26.6	3.63	2	-	-	-

Contract No. EP/SP/66/12  
 Integrated Waste Management Facilities, Phase 1  
 Baseline Water Quality Monitoring Data

Location	Date	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>note 4</small>	SS (mg/L)	Total Alkalinity (mg/L) <small>note 2</small>	Current Velocity (m/s) <small>note 2</small>	Current Direction (NSWE) <small>note 2</small>
C2	14/7/2018	Cloudy	Moderate	Mid-Flood	S	1	05:48	4.91	8.02	26.98	26.6	3.13	4	-	-	-
M1	14/7/2018	Cloudy	Moderate	Mid-Flood	B	8.7	06:10	5.92	7.95	27.70	26.8	2.40	6	-	-	-
M1	14/7/2018	Cloudy	Moderate	Mid-Flood	B	8.7	06:10	4.91	8.02	26.98	26.6	3.13	5	-	-	-
M1	14/7/2018	Cloudy	Moderate	Mid-Flood	M	4.85	06:11	5.91	7.95	27.71	26.8	2.80	4	-	-	-
M1	14/7/2018	Cloudy	Moderate	Mid-Flood	M	4.85	06:11	4.91	8.02	26.98	26.6	3.13	5	-	-	-
M1	14/7/2018	Cloudy	Moderate	Mid-Flood	S	1	06:12	5.90	7.97	27.71	26.8	2.47	6	-	-	-
M1	14/7/2018	Cloudy	Moderate	Mid-Flood	S	1	06:12	4.91	8.02	26.98	26.6	3.13	4	-	-	-
F1	14/7/2018	Cloudy	Moderate	Mid-Flood	B	6.5	06:37	5.91	7.99	27.71	26.8	2.47	4	-	-	-
F1	14/7/2018	Cloudy	Moderate	Mid-Flood	B	6.5	06:37	4.91	8.02	26.98	26.6	3.13	6	-	-	-
F1	14/7/2018	Cloudy	Moderate	Mid-Flood	M	3.75	06:38	5.92	8.00	27.71	26.8	2.76	5	-	-	-
F1	14/7/2018	Cloudy	Moderate	Mid-Flood	M	3.75	06:38	4.91	8.02	26.98	26.6	3.13	3	-	-	-
F1	14/7/2018	Cloudy	Moderate	Mid-Flood	S	1	06:38	5.91	8.00	27.72	26.8	2.39	4	-	-	-
F1	14/7/2018	Cloudy	Moderate	Mid-Flood	S	1	06:39	4.91	8.02	26.98	26.6	3.13	3	-	-	-
B4	14/7/2018	Cloudy	Moderate	Mid-Flood	B	4.3	07:01	5.92	8.01	27.71	26.8	2.46	4	-	-	-
B4	14/7/2018	Cloudy	Moderate	Mid-Flood	B	4.3	07:01	4.91	8.02	26.98	26.6	3.13	3	-	-	-
B4	14/7/2018	Cloudy	Moderate	Mid-Flood	S	1	07:02	5.92	8.01	27.71	26.8	2.46	5	-	-	-
B4	14/7/2018	Cloudy	Moderate	Mid-Flood	S	1	07:02	4.91	8.02	26.98	26.6	3.13	5	-	-	-
B3	14/7/2018	Cloudy	Moderate	Mid-Flood	B	3.8	07:12	5.91	8.02	27.72	26.8	2.63	6	-	-	-
B3	14/7/2018	Cloudy	Moderate	Mid-Flood	B	3.8	07:12	4.91	8.02	26.98	26.6	3.13	7	-	-	-

Contract No. EP/SP/66/12  
 Integrated Waste Management Facilities, Phase 1  
 Baseline Water Quality Monitoring Data

Location	Date	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>note 4</small>	SS (mg/L)	Total Alkalinity (mg/L) <small>note 2</small>	Current Velocity (m/s) <small>note 2</small>	Current Direction (NSWE) <small>note 2</small>
B3	14/7/2018	Cloudy	Moderate	Mid-Flood	S	1	07:12	5.92	8.02	27.72	26.8	2.39	4	-	-	-
B3	14/7/2018	Cloudy	Moderate	Mid-Flood	S	1	07:12	4.91	8.02	26.98	26.6	3.13	5	-	-	-
CR1	14/7/2018	Cloudy	Moderate	Mid-Flood	B	15.7	07:28	5.94	8.02	27.72	26.8	2.50	5	-	-	-
CR1	14/7/2018	Cloudy	Moderate	Mid-Flood	B	15.7	07:28	4.91	8.02	26.98	26.6	3.13	4	-	-	-
CR1	14/7/2018	Cloudy	Moderate	Mid-Flood	M	8.35	07:29	5.93	8.02	27.72	26.8	2.40	4	-	-	-
CR1	14/7/2018	Cloudy	Moderate	Mid-Flood	M	8.35	07:29	5.92	8.02	27.72	26.8	2.38	4	-	-	-
CR1	14/7/2018	Cloudy	Moderate	Mid-Flood	S	1	07:30	5.92	8.02	27.72	26.8	2.48	5	-	-	-
CR1	14/7/2018	Cloudy	Moderate	Mid-Flood	S	1	07:30	4.91	8.02	26.98	26.6	3.13	6	-	-	-
CR2	14/7/2018	Cloudy	Moderate	Mid-Flood	B	12.5	07:50	5.92	8.02	27.72	26.8	2.70	5	-	-	-
CR2	14/7/2018	Cloudy	Moderate	Mid-Flood	B	12.5	07:50	4.91	8.02	26.98	26.6	3.13	4	-	-	-
CR2	14/7/2018	Cloudy	Moderate	Mid-Flood	M	6.75	07:50	5.92	8.02	27.72	26.8	2.51	6	-	-	-
CR2	14/7/2018	Cloudy	Moderate	Mid-Flood	M	6.75	07:51	5.92	8.02	27.72	26.8	2.62	3	-	-	-
CR2	14/7/2018	Cloudy	Moderate	Mid-Flood	S	1	07:51	4.91	8.02	26.98	26.6	3.13	3	-	-	-
CR2	14/7/2018	Cloudy	Moderate	Mid-Flood	S	1	07:52	4.91	8.02	26.98	26.6	3.13	6	-	-	-
H1	14/7/2018	Cloudy	Moderate	Mid-Flood	B	6.6	08:13	5.94	8.03	27.72	26.8	2.45	4	-	-	-
H1	14/7/2018	Cloudy	Moderate	Mid-Flood	B	6.6	08:13	4.91	8.02	26.98	26.6	3.13	5	-	-	-
H1	14/7/2018	Cloudy	Moderate	Mid-Flood	M	3.8	08:14	5.93	8.03	27.72	26.8	2.32	6	-	-	-
H1	14/7/2018	Cloudy	Moderate	Mid-Flood	M	3.8	08:14	4.91	8.02	26.98	26.6	3.13	6	-	-	-
H1	14/7/2018	Cloudy	Moderate	Mid-Flood	S	1	08:15	5.93	8.03	27.72	26.8	2.37	4	-	-	-

Contract No. EP/SP/66/12  
 Integrated Waste Management Facilities, Phase 1  
 Baseline Water Quality Monitoring Data

Location	Date	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>note 4</small>	SS (mg/L)	Total Alkalinity (mg/L) <small>note 2</small>	Current Velocity (m/s) <small>note 2</small>	Current Direction (NSWE) <small>note 2</small>
H1	14/7/2018	Cloudy	Moderate	Mid-Flood	S	1	08:15	4.91	8.02	26.98	26.6	3.13	4	-	-	-
B2	14/7/2018	Cloudy	Moderate	Mid-Flood	B	3.2	08:34	5.93	8.03	27.72	26.8	2.27	6	-	-	-
B2	14/7/2018	Cloudy	Moderate	Mid-Flood	B	3.2	08:34	5.93	8.03	27.72	26.8	2.48	4	-	-	-
B2	14/7/2018	Cloudy	Moderate	Mid-Flood	S	1	08:35	5.93	8.03	27.72	26.8	2.39	5	-	-	-
B2	14/7/2018	Cloudy	Moderate	Mid-Flood	S	1	08:35	4.91	8.02	26.98	26.6	3.13	5	-	-	-
B1	14/7/2018	Cloudy	Moderate	Mid-Flood	B	4.2	08:48	5.94	8.03	27.72	26.8	2.56	5	-	-	-
B1	14/7/2018	Cloudy	Moderate	Mid-Flood	B	4.2	08:48	4.91	8.02	26.98	26.6	3.13	5	-	-	-
B1	14/7/2018	Cloudy	Moderate	Mid-Flood	S	1	08:49	5.93	8.03	27.72	26.8	2.35	4	-	-	-
B1	14/7/2018	Cloudy	Moderate	Mid-Flood	S	1	08:49	4.91	8.02	26.98	26.6	3.13	4	-	-	-
C1	14/7/2018	Cloudy	Moderate	Mid-Flood	B	11.3	09:02	5.92	8.03	27.72	26.8	2.46	3	-	-	-
C1	14/7/2018	Cloudy	Moderate	Mid-Flood	B	11.3	09:02	4.91	8.02	26.98	26.6	3.13	4	-	-	-
C1	14/7/2018	Cloudy	Moderate	Mid-Flood	M	6.15	09:03	5.92	8.03	27.72	26.8	2.30	3	-	-	-
C1	14/7/2018	Cloudy	Moderate	Mid-Flood	M	6.15	09:03	4.91	8.02	26.98	26.6	3.13	3	-	-	-
C1	14/7/2018	Cloudy	Moderate	Mid-Flood	S	1	09:04	5.92	8.03	27.73	26.8	2.55	4	-	-	-
C1	14/7/2018	Cloudy	Moderate	Mid-Flood	S	1	09:04	4.91	8.02	26.98	26.6	3.13	4	-	-	-
C1	14/7/2018	Cloudy	Moderate	Mid-Ebb	B	10.9	13:45	5.93	8.03	27.72	26.8	2.51	4	-	-	-
C1	14/7/2018	Cloudy	Moderate	Mid-Ebb	B	10.9	13:45	4.91	8.02	26.98	26.6	3.13	4	-	-	-
C1	14/7/2018	Cloudy	Moderate	Mid-Ebb	M	5.95	13:46	5.93	8.03	27.72	26.8	2.61	4	-	-	-
C1	14/7/2018	Cloudy	Moderate	Mid-Ebb	M	5.95	13:46	4.91	8.02	26.98	26.6	3.13	4	-	-	-

Contract No. EP/SP/66/12  
 Integrated Waste Management Facilities, Phase 1  
 Baseline Water Quality Monitoring Data

Location	Date	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>note 4</small>	SS (mg/L)	Total Alkalinity (mg/L) <small>note 2</small>	Current Velocity (m/s) <small>note 2</small>	Current Direction (NSWE) <small>note 2</small>
C1	14/7/2018	Cloudy	Moderate	Mid-Ebb	S	1	13:47	5.92	8.03	27.72	26.8	2.48	4	-	-	-
C1	14/7/2018	Cloudy	Moderate	Mid-Ebb	S	1	13:47	4.91	8.02	26.98	26.6	3.13	5	-	-	-
B1	14/7/2018	Cloudy	Moderate	Mid-Ebb	B	3.9	14:07	5.92	8.03	27.72	26.8	2.34	2	-	-	-
B1	14/7/2018	Cloudy	Moderate	Mid-Ebb	B	3.9	14:07	4.91	8.02	26.98	26.6	3.13	4	-	-	-
B1	14/7/2018	Cloudy	Moderate	Mid-Ebb	S	1	14:08	5.92	8.03	27.73	26.8	2.59	3	-	-	-
B1	14/7/2018	Cloudy	Moderate	Mid-Ebb	S	1	14:08	4.91	8.02	26.98	26.6	3.13	3	-	-	-
B2	14/7/2018	Cloudy	Moderate	Mid-Ebb	B	3	14:21	5.92	8.03	27.73	26.8	2.33	3	-	-	-
B2	14/7/2018	Cloudy	Moderate	Mid-Ebb	B	3	14:21	4.91	8.02	26.98	26.6	3.13	3	-	-	-
B2	14/7/2018	Cloudy	Moderate	Mid-Ebb	S	1	14:22	5.92	8.03	27.73	26.8	2.58	3	-	-	-
B2	14/7/2018	Cloudy	Moderate	Mid-Ebb	S	1	14:22	4.91	8.02	26.98	26.6	3.13	3	-	-	-
H1	14/7/2018	Cloudy	Moderate	Mid-Ebb	B	6.4	14:36	5.94	8.03	27.72	26.8	2.36	4	-	-	-
H1	14/7/2018	Cloudy	Moderate	Mid-Ebb	B	6.4	14:36	4.91	8.02	26.98	26.6	3.13	3	-	-	-
H1	14/7/2018	Cloudy	Moderate	Mid-Ebb	M	3.7	14:36	5.94	8.03	27.73	26.8	2.62	4	-	-	-
H1	14/7/2018	Cloudy	Moderate	Mid-Ebb	M	3.7	14:37	4.91	8.02	26.98	26.6	3.13	4	-	-	-
H1	14/7/2018	Cloudy	Moderate	Mid-Ebb	S	1	14:37	5.93	8.03	27.73	26.8	2.53	2	-	-	-
H1	14/7/2018	Cloudy	Moderate	Mid-Ebb	S	1	14:38	4.91	8.02	26.98	26.6	3.13	3	-	-	-
CR2	14/7/2018	Cloudy	Moderate	Mid-Ebb	B	12.2	14:55	5.92	8.03	27.73	26.8	2.48	4	-	-	-
CR2	14/7/2018	Cloudy	Moderate	Mid-Ebb	B	12.2	14:55	4.91	8.02	26.98	26.6	3.13	6	-	-	-
CR2	14/7/2018	Cloudy	Moderate	Mid-Ebb	M	6.6	14:56	5.92	8.03	27.73	26.8	2.27	4	-	-	-

Contract No. EP/SP/66/12  
 Integrated Waste Management Facilities, Phase 1  
 Baseline Water Quality Monitoring Data

Location	Date	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>note 4</small>	SS (mg/L)	Total Alkalinity (mg/L) <small>note 2</small>	Current Velocity (m/s) <small>note 2</small>	Current Direction (NSWE) <small>note 2</small>
CR2	14/7/2018	Cloudy	Moderate	Mid-Ebb	M	6.6	14:56	4.91	8.02	26.98	26.6	3.13	6	-	-	-
CR2	14/7/2018	Cloudy	Moderate	Mid-Ebb	S	1	14:57	5.92	8.03	27.73	26.8	2.82	4	-	-	-
CR2	14/7/2018	Cloudy	Moderate	Mid-Ebb	S	1	14:57	4.91	8.02	26.98	26.6	3.13	3	-	-	-
CR1	14/7/2018	Cloudy	Moderate	Mid-Ebb	B	15.2	15:18	5.91	8.03	27.73	26.8	2.45	4	-	-	-
CR1	14/7/2018	Cloudy	Moderate	Mid-Ebb	B	15.2	15:18	4.91	8.02	26.98	26.6	3.13	4	-	-	-
CR1	14/7/2018	Cloudy	Moderate	Mid-Ebb	M	8.1	15:19	5.92	8.03	27.73	26.8	2.61	5	-	-	-
CR1	14/7/2018	Cloudy	Moderate	Mid-Ebb	M	8.1	15:19	5.91	8.03	27.73	26.8	2.44	4	-	-	-
CR1	14/7/2018	Cloudy	Moderate	Mid-Ebb	S	1	15:19	4.91	8.02	26.98	26.6	3.13	3	-	-	-
CR1	14/7/2018	Cloudy	Moderate	Mid-Ebb	S	1	15:20	4.91	8.02	26.98	26.6	3.13	4	-	-	-
B3	14/7/2018	Cloudy	Moderate	Mid-Ebb	B	3.3	15:38	5.94	8.03	27.73	26.8	2.37	3	-	-	-
B3	14/7/2018	Cloudy	Moderate	Mid-Ebb	B	3.3	15:38	4.91	8.02	26.98	26.6	3.13	3	-	-	-
B3	14/7/2018	Cloudy	Moderate	Mid-Ebb	S	1	15:38	5.94	8.03	27.73	26.8	2.66	3	-	-	-
B3	14/7/2018	Cloudy	Moderate	Mid-Ebb	S	1	15:38	4.91	8.02	26.98	26.6	3.13	3	-	-	-
B4	14/7/2018	Cloudy	Moderate	Mid-Ebb	B	4.2	15:50	5.95	8.03	27.73	26.8	2.36	3	-	-	-
B4	14/7/2018	Cloudy	Moderate	Mid-Ebb	B	4.2	15:50	4.91	8.02	26.98	26.6	3.13	5	-	-	-
B4	14/7/2018	Cloudy	Moderate	Mid-Ebb	S	1	15:51	5.95	8.03	27.73	26.8	2.44	4	-	-	-
B4	14/7/2018	Cloudy	Moderate	Mid-Ebb	S	1	15:51	4.91	8.02	26.98	26.6	3.13	4	-	-	-
C2	14/7/2018	Cloudy	Moderate	Mid-Ebb	B	6.7	16:06	5.93	8.03	27.73	26.8	2.56	4	-	-	-
C2	14/7/2018	Cloudy	Moderate	Mid-Ebb	B	6.7	16:06	4.91	8.02	26.98	26.6	3.13	3	-	-	-

Contract No. EP/SP/66/12  
 Integrated Waste Management Facilities, Phase 1  
 Baseline Water Quality Monitoring Data

Location	Date	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>note 4</small>	SS (mg/L)	Total Alkalinity (mg/L) <small>note 2</small>	Current Velocity (m/s) <small>note 2</small>	Current Direction (NSWE) <small>note 2</small>
C2	14/7/2018	Cloudy	Moderate	Mid-Ebb	M	3.85	16:06	5.93	8.03	27.73	26.8	2.33	3	-	-	-
C2	14/7/2018	Cloudy	Moderate	Mid-Ebb	M	3.85	16:07	4.91	8.02	26.98	26.6	3.13	3	-	-	-
C2	14/7/2018	Cloudy	Moderate	Mid-Ebb	S	1	16:07	5.92	8.03	27.73	26.8	2.54	3	-	-	-
C2	14/7/2018	Cloudy	Moderate	Mid-Ebb	S	1	16:08	4.91	8.02	26.98	26.6	3.13	3	-	-	-
F1	14/7/2018	Cloudy	Moderate	Mid-Ebb	B	6.4	16:33	5.94	8.03	27.73	26.8	2.45	4	-	-	-
F1	14/7/2018	Cloudy	Moderate	Mid-Ebb	B	6.4	16:33	4.91	8.02	26.98	26.6	3.13	4	-	-	-
F1	14/7/2018	Cloudy	Moderate	Mid-Ebb	M	3.7	16:34	5.94	8.03	27.73	26.8	3.01	3	-	-	-
F1	14/7/2018	Cloudy	Moderate	Mid-Ebb	M	3.7	16:34	4.91	8.02	26.98	26.6	3.13	2	-	-	-
F1	14/7/2018	Cloudy	Moderate	Mid-Ebb	S	1	16:35	5.93	8.03	27.73	26.8	2.52	3	-	-	-
F1	14/7/2018	Cloudy	Moderate	Mid-Ebb	S	1	16:35	4.91	8.02	26.98	26.6	3.13	4	-	-	-
M1	14/7/2018	Cloudy	Moderate	Mid-Ebb	B	8.4	16:58	5.95	8.03	27.73	26.8	2.66	4	-	-	-
M1	14/7/2018	Cloudy	Moderate	Mid-Ebb	B	8.4	16:58	4.91	8.02	26.98	26.6	3.13	4	-	-	-
M1	14/7/2018	Cloudy	Moderate	Mid-Ebb	M	4.7	16:58	5.96	8.03	27.73	26.8	2.46	4	-	-	-
M1	14/7/2018	Cloudy	Moderate	Mid-Ebb	M	4.7	16:59	5.94	8.03	27.73	26.8	2.77	4	-	-	-
M1	14/7/2018	Cloudy	Moderate	Mid-Ebb	S	1	16:59	5.94	8.03	27.73	26.8	2.53	5	-	-	-
M1	14/7/2018	Cloudy	Moderate	Mid-Ebb	S	1	16:59	4.91	8.02	26.98	26.6	3.13	5	-	-	-
C2	16/7/2018	Cloudy	Slight	Mid-Flood	B	6.1	05:45	6.29	8.04	27.74	26.8	2.28	12	-	-	-
C2	16/7/2018	Cloudy	Slight	Mid-Flood	B	6.1	05:45	6.30	8.05	27.82	26.8	2.27	11	-	-	-
C2	16/7/2018	Cloudy	Slight	Mid-Flood	M	3.55	05:46	6.14	8.04	27.74	26.8	2.25	12	-	-	-



Contract No. EP/SP/66/12  
 Integrated Waste Management Facilities, Phase 1  
 Baseline Water Quality Monitoring Data

Location	Date	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>note 4</small>	SS (mg/L)	Total Alkalinity (mg/L) <small>note 2</small>	Current Velocity (m/s) <small>note 2</small>	Current Direction (NSWE) <small>note 2</small>
C2	16/7/2018	Cloudy	Slight	Mid-Flood	M	3.55	05:46	6.13	8.03	27.72	26.8	2.26	10	-	-	-
C2	16/7/2018	Cloudy	Slight	Mid-Flood	S	1	05:46	6.07	8.04	27.74	26.8	2.50	8	-	-	-
C2	16/7/2018	Cloudy	Slight	Mid-Flood	S	1	05:47	6.04	8.04	27.82	26.8	2.50	9	-	-	-
M1	16/7/2018	Cloudy	Slight	Mid-Flood	B	8.5	06:11	5.97	8.04	27.74	26.8	2.68	7	-	-	-
M1	16/7/2018	Cloudy	Slight	Mid-Flood	B	8.5	06:11	5.97	8.07	27.83	26.9	2.66	8	-	-	-
M1	16/7/2018	Cloudy	Slight	Mid-Flood	M	4.75	06:11	5.97	8.04	27.74	26.8	2.22	7	-	-	-
M1	16/7/2018	Cloudy	Slight	Mid-Flood	M	4.75	06:12	5.99	8.05	27.83	26.8	2.25	8	-	-	-
M1	16/7/2018	Cloudy	Slight	Mid-Flood	S	1	06:12	5.96	8.04	27.74	26.8	2.54	7	-	-	-
M1	16/7/2018	Cloudy	Slight	Mid-Flood	S	1	06:12	5.96	8.05	27.74	26.9	2.56	8	-	-	-
F1	16/7/2018	Cloudy	Slight	Mid-Flood	B	6.2	06:35	5.95	8.04	27.74	26.8	2.63	10	-	-	-
F1	16/7/2018	Cloudy	Slight	Mid-Flood	B	6.2	06:35	5.95	8.02	27.65	26.8	2.65	11	-	-	-
F1	16/7/2018	Cloudy	Slight	Mid-Flood	M	3.6	06:35	5.94	8.04	27.74	26.8	2.54	10	-	-	-
F1	16/7/2018	Cloudy	Slight	Mid-Flood	M	3.6	06:36	5.94	8.04	27.68	26.7	2.52	10	-	-	-
F1	16/7/2018	Cloudy	Slight	Mid-Flood	S	1	06:36	5.94	8.04	27.74	26.8	2.62	9	-	-	-
F1	16/7/2018	Cloudy	Slight	Mid-Flood	S	1	06:36	5.94	8.03	27.69	26.7	2.61	11	-	-	-
B4	16/7/2018	Cloudy	Slight	Mid-Flood	B	4.1	07:00	5.95	8.04	27.74	26.8	2.48	11	-	-	-
B4	16/7/2018	Cloudy	Slight	Mid-Flood	B	4.1	07:00	5.95	8.04	27.67	26.8	2.47	11	-	-	-
B4	16/7/2018	Cloudy	Slight	Mid-Flood	S	1	07:01	5.95	8.04	27.74	26.8	2.80	8	-	-	-
B4	16/7/2018	Cloudy	Slight	Mid-Flood	S	1	07:01	5.93	8.03	27.77	26.7	2.83	8	-	-	-

Contract No. EP/SP/66/12  
 Integrated Waste Management Facilities, Phase 1  
 Baseline Water Quality Monitoring Data

Location	Date	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>note 4</small>	SS (mg/L)	Total Alkalinity (mg/L) <small>note 2</small>	Current Velocity (m/s) <small>note 2</small>	Current Direction (NSWE) <small>note 2</small>
B3	16/7/2018	Cloudy	Slight	Mid-Flood	B	3.6	07:13	5.94	8.04	27.74	26.8	2.38	12	-	-	-
B3	16/7/2018	Cloudy	Slight	Mid-Flood	B	3.6	07:13	5.93	8.04	27.74	26.8	2.38	12	-	-	-
B3	16/7/2018	Cloudy	Slight	Mid-Flood	S	1	07:14	5.92	8.04	27.74	26.8	2.40	8	-	-	-
B3	16/7/2018	Cloudy	Slight	Mid-Flood	S	1	07:14	5.93	8.03	27.71	26.7	2.37	8	-	-	-
CR1	16/7/2018	Cloudy	Slight	Mid-Flood	B	15.6	07:29	5.96	8.04	27.74	26.8	2.27	17	-	-	-
CR1	16/7/2018	Cloudy	Slight	Mid-Flood	B	15.6	07:29	5.94	8.03	27.72	26.9	2.29	16	-	-	-
CR1	16/7/2018	Cloudy	Slight	Mid-Flood	M	8.3	07:29	5.96	8.04	27.74	26.8	2.54	15	-	-	-
CR1	16/7/2018	Cloudy	Slight	Mid-Flood	M	8.3	07:30	5.94	8.04	27.74	26.8	2.18	13	-	-	-
CR1	16/7/2018	Cloudy	Slight	Mid-Flood	S	1	07:30	5.99	8.04	27.77	26.8	2.56	15	-	-	-
CR1	16/7/2018	Cloudy	Slight	Mid-Flood	S	1	07:31	5.97	8.02	27.64	26.7	2.15	12	-	-	-
CR2	16/7/2018	Cloudy	Slight	Mid-Flood	B	12.2	07:50	5.95	8.04	27.74	26.8	2.49	10	-	-	-
CR2	16/7/2018	Cloudy	Slight	Mid-Flood	B	12.2	07:50	5.98	8.03	27.68	26.8	2.50	9	-	-	-
CR2	16/7/2018	Cloudy	Slight	Mid-Flood	M	6.6	07:50	5.96	8.04	27.74	26.8	2.67	9	-	-	-
CR2	16/7/2018	Cloudy	Slight	Mid-Flood	M	6.6	07:51	5.96	8.05	27.65	26.7	2.66	9	-	-	-
CR2	16/7/2018	Cloudy	Slight	Mid-Flood	S	1	07:51	5.95	8.04	27.74	26.8	2.37	8	-	-	-
CR2	16/7/2018	Cloudy	Slight	Mid-Flood	S	1	07:52	5.97	8.04	27.82	26.7	2.38	8	-	-	-
H1	16/7/2018	Cloudy	Slight	Mid-Flood	B	6.3	08:13	5.97	8.04	27.74	26.8	2.57	6	-	-	-
H1	16/7/2018	Cloudy	Slight	Mid-Flood	B	6.3	08:13	6.00	8.03	27.82	26.8	2.56	7	-	-	-
H1	16/7/2018	Cloudy	Slight	Mid-Flood	M	3.65	08:13	5.96	8.04	27.74	26.8	2.56	6	-	-	-

Contract No. EP/SP/66/12  
Integrated Waste Management Facilities, Phase 1  
Baseline Water Quality Monitoring Data

Location	Date	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>note 4</small>	SS (mg/L)	Total Alkalinity (mg/L) <small>note 2</small>	Current Velocity (m/s) <small>note 2</small>	Current Direction (NSWE) <small>note 2</small>
H1	16/7/2018	Cloudy	Slight	Mid-Flood	M	3.65	08:14	5.93	8.07	27.79	26.7	2.59	7	-	-	-
H1	16/7/2018	Cloudy	Slight	Mid-Flood	S	1	08:14	5.95	8.04	27.74	26.8	2.57	6	-	-	-
H1	16/7/2018	Cloudy	Slight	Mid-Flood	S	1	08:15	5.95	8.05	27.76	26.7	2.57	7	-	-	-
B2	16/7/2018	Cloudy	Slight	Mid-Flood	B	3	08:35	5.97	8.04	27.74	26.8	2.40	10	-	-	-
B2	16/7/2018	Cloudy	Slight	Mid-Flood	B	3	08:35	5.99	8.05	27.83	26.7	2.42	8	-	-	-
B2	16/7/2018	Cloudy	Slight	Mid-Flood	S	1	08:36	5.97	8.04	27.74	26.8	2.48	6	-	-	-
B2	16/7/2018	Cloudy	Slight	Mid-Flood	S	1	08:36	5.94	8.05	27.70	26.8	2.50	6	-	-	-
B1	16/7/2018	Cloudy	Slight	Mid-Flood	B	3.8	08:47	5.97	8.04	27.74	26.8	2.60	10	-	-	-
B1	16/7/2018	Cloudy	Slight	Mid-Flood	B	3.8	08:47	5.94	8.05	27.72	26.9	2.58	9	-	-	-
B1	16/7/2018	Cloudy	Slight	Mid-Flood	S	1	08:48	5.98	8.04	27.74	26.8	2.48	7	-	-	-
B1	16/7/2018	Cloudy	Slight	Mid-Flood	S	1	08:48	5.99	8.02	27.72	26.8	2.46	8	-	-	-
C1	16/7/2018	Cloudy	Slight	Mid-Flood	B	11.2	09:03	5.97	8.04	27.74	26.8	2.43	12	-	-	-
C1	16/7/2018	Cloudy	Slight	Mid-Flood	B	11.2	09:03	5.98	8.04	27.68	26.9	2.43	11	-	-	-
C1	16/7/2018	Cloudy	Slight	Mid-Flood	M	6.1	09:04	5.97	8.04	27.74	26.8	2.43	7	-	-	-
C1	16/7/2018	Cloudy	Slight	Mid-Flood	M	6.1	09:04	6.00	8.03	27.81	26.8	2.41	7	-	-	-
C1	16/7/2018	Cloudy	Slight	Mid-Flood	S	1	09:05	5.97	8.04	27.74	26.8	2.37	7	-	-	-
C1	16/7/2018	Cloudy	Slight	Mid-Flood	S	1	09:05	5.99	8.02	27.78	26.8	2.38	7	-	-	-
C1	16/7/2018	Sunny	Moderate	Mid-Ebb	B	10.7	13:45	5.99	8.04	27.74	26.8	2.81	8	-	-	-
C1	16/7/2018	Sunny	Moderate	Mid-Ebb	B	10.7	13:45	5.97	8.04	27.73	26.8	2.80	8	-	-	-

Contract No. EP/SP/66/12  
 Integrated Waste Management Facilities, Phase 1  
 Baseline Water Quality Monitoring Data

Location	Date	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>note 4</small>	SS (mg/L)	Total Alkalinity (mg/L) <small>note 2</small>	Current Velocity (m/s) <small>note 2</small>	Current Direction (NSWE) <small>note 2</small>
C1	16/7/2018	Sunny	Moderate	Mid-Ebb	M	5.85	13:46	5.98	8.04	27.74	26.8	2.39	7	-	-	-
C1	16/7/2018	Sunny	Moderate	Mid-Ebb	M	5.85	13:46	5.96	8.06	27.65	26.8	2.41	6	-	-	-
C1	16/7/2018	Sunny	Moderate	Mid-Ebb	S	1	13:47	5.97	8.04	27.74	26.8	2.57	5	-	-	-
C1	16/7/2018	Sunny	Moderate	Mid-Ebb	S	1	13:47	5.95	8.07	27.73	26.7	2.60	6	-	-	-
B1	16/7/2018	Sunny	Moderate	Mid-Ebb	B	3.6	14:10	5.98	8.04	27.74	26.8	2.76	7	-	-	-
B1	16/7/2018	Sunny	Moderate	Mid-Ebb	B	3.6	14:10	5.96	8.03	27.71	26.8	2.77	7	-	-	-
B1	16/7/2018	Sunny	Moderate	Mid-Ebb	S	1	14:11	5.98	8.04	27.74	26.8	2.33	7	-	-	-
B1	16/7/2018	Sunny	Moderate	Mid-Ebb	S	1	14:11	5.96	8.07	27.74	26.8	2.30	7	-	-	-
B2	16/7/2018	Sunny	Moderate	Mid-Ebb	B	2.8	14:25	5.98	8.04	27.74	26.8	2.21	8	-	-	-
B2	16/7/2018	Sunny	Moderate	Mid-Ebb	B	2.8	14:25	5.97	8.02	27.78	26.9	2.20	7	-	-	-
B2	16/7/2018	Sunny	Moderate	Mid-Ebb	S	1	14:26	5.98	8.04	27.74	26.8	2.24	7	-	-	-
B2	16/7/2018	Sunny	Moderate	Mid-Ebb	S	1	14:26	5.96	8.05	27.69	26.9	2.27	7	-	-	-
H1	16/7/2018	Sunny	Moderate	Mid-Ebb	B	6.2	14:43	5.97	8.04	27.74	26.8	2.43	5	-	-	-
H1	16/7/2018	Sunny	Moderate	Mid-Ebb	B	6.2	14:43	5.95	8.02	27.72	26.8	2.44	4	-	-	-
H1	16/7/2018	Sunny	Moderate	Mid-Ebb	M	3.6	14:44	5.96	8.04	27.74	26.8	2.48	5	-	-	-
H1	16/7/2018	Sunny	Moderate	Mid-Ebb	M	3.6	14:44	5.97	8.01	27.67	26.7	2.51	5	-	-	-
H1	16/7/2018	Sunny	Moderate	Mid-Ebb	S	1	14:45	5.97	8.04	27.74	26.8	2.45	4	-	-	-
H1	16/7/2018	Sunny	Moderate	Mid-Ebb	S	1	14:45	5.98	8.06	27.78	26.7	2.46	4	-	-	-
CR2	16/7/2018	Sunny	Moderate	Mid-Ebb	B	11.8	15:09	5.99	8.04	27.74	26.8	2.32	6	-	-	-

Contract No. EP/SP/66/12  
 Integrated Waste Management Facilities, Phase 1  
 Baseline Water Quality Monitoring Data

Location	Date	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>note 4</small>	SS (mg/L)	Total Alkalinity (mg/L) <small>note 2</small>	Current Velocity (m/s) <small>note 2</small>	Current Direction (NSWE) <small>note 2</small>
CR2	16/7/2018	Sunny	Moderate	Mid-Ebb	B	11.8	15:09	6.00	8.05	27.73	26.8	2.33	6	-	-	-
CR2	16/7/2018	Sunny	Moderate	Mid-Ebb	M	6.4	15:10	5.98	8.04	27.74	26.8	2.32	5	-	-	-
CR2	16/7/2018	Sunny	Moderate	Mid-Ebb	M	6.4	15:10	5.98	8.05	27.78	26.8	2.30	6	-	-	-
CR2	16/7/2018	Sunny	Moderate	Mid-Ebb	S	1	15:11	5.97	8.04	27.74	26.8	2.47	4	-	-	-
CR2	16/7/2018	Sunny	Moderate	Mid-Ebb	S	1	15:11	6.00	8.03	27.72	26.8	2.47	3	-	-	-
CR1	16/7/2018	Sunny	Moderate	Mid-Ebb	B	15.4	15:34	5.97	8.04	27.74	26.8	2.41	5	-	-	-
CR1	16/7/2018	Sunny	Moderate	Mid-Ebb	B	15.4	15:34	5.97	8.02	27.73	26.8	2.40	5	-	-	-
CR1	16/7/2018	Sunny	Moderate	Mid-Ebb	M	8.2	15:35	5.97	8.04	27.74	26.8	2.17	4	-	-	-
CR1	16/7/2018	Sunny	Moderate	Mid-Ebb	M	8.2	15:35	5.96	8.06	27.67	26.8	2.19	6	-	-	-
CR1	16/7/2018	Sunny	Moderate	Mid-Ebb	S	1	15:36	5.97	8.04	27.75	26.8	2.37	4	-	-	-
CR1	16/7/2018	Sunny	Moderate	Mid-Ebb	S	1	15:36	5.95	8.03	27.71	26.9	2.40	4	-	-	-
B3	16/7/2018	Sunny	Moderate	Mid-Ebb	B	3.4	15:57	5.99	8.04	27.74	26.8	2.42	5	-	-	-
B3	16/7/2018	Sunny	Moderate	Mid-Ebb	B	3.4	15:57	5.98	8.04	27.74	26.8	2.55	5	-	-	-
B3	16/7/2018	Sunny	Moderate	Mid-Ebb	S	1	15:58	5.98	8.04	27.74	26.8	2.46	5	-	-	-
B3	16/7/2018	Sunny	Moderate	Mid-Ebb	S	1	15:58	5.96	8.03	27.71	26.8	2.46	4	-	-	-
B4	16/7/2018	Sunny	Moderate	Mid-Ebb	B	3.7	16:10	5.99	8.04	27.74	26.8	2.30	6	-	-	-
B4	16/7/2018	Sunny	Moderate	Mid-Ebb	B	3.7	16:10	5.98	8.02	27.69	26.9	2.31	6	-	-	-
B4	16/7/2018	Sunny	Moderate	Mid-Ebb	S	1	16:11	5.98	8.04	27.74	26.8	2.45	3	-	-	-
B4	16/7/2018	Sunny	Moderate	Mid-Ebb	S	1	16:11	5.99	8.02	27.66	26.8	2.45	2	-	-	-

Contract No. EP/SP/66/12  
 Integrated Waste Management Facilities, Phase 1  
 Baseline Water Quality Monitoring Data

Location	Date	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>note 4</small>	SS (mg/L)	Total Alkalinity (mg/L) <small>note 2</small>	Current Velocity (m/s) <small>note 2</small>	Current Direction (NSWE) <small>note 2</small>
C2	16/7/2018	Sunny	Moderate	Mid-Ebb	B	5.8	16:27	6.00	8.04	27.74	26.8	2.37	6	-	-	-
C2	16/7/2018	Sunny	Moderate	Mid-Ebb	B	5.8	16:27	5.99	8.03	27.73	26.9	2.36	6	-	-	-
C2	16/7/2018	Sunny	Moderate	Mid-Ebb	M	3.4	16:28	5.99	8.04	27.74	26.8	2.47	6	-	-	-
C2	16/7/2018	Sunny	Moderate	Mid-Ebb	M	3.4	16:28	6.02	8.06	27.70	26.8	2.44	6	-	-	-
C2	16/7/2018	Sunny	Moderate	Mid-Ebb	S	1	16:29	5.97	8.04	27.74	26.8	2.08	5	-	-	-
C2	16/7/2018	Sunny	Moderate	Mid-Ebb	S	1	16:29	5.95	8.06	27.72	26.7	2.09	5	-	-	-
F1	16/7/2018	Sunny	Moderate	Mid-Ebb	B	6	16:50	6.00	8.04	27.74	26.8	2.37	6	-	-	-
F1	16/7/2018	Sunny	Moderate	Mid-Ebb	B	6	16:50	6.00	8.04	27.80	26.8	2.37	5	-	-	-
F1	16/7/2018	Sunny	Moderate	Mid-Ebb	M	3.5	16:51	6.00	8.04	27.75	26.8	2.47	5	-	-	-
F1	16/7/2018	Sunny	Moderate	Mid-Ebb	M	3.5	16:51	5.99	8.04	27.74	26.8	2.25	6	-	-	-
F1	16/7/2018	Sunny	Moderate	Mid-Ebb	S	1	16:52	5.97	8.04	27.74	26.8	2.36	5	-	-	-
F1	16/7/2018	Sunny	Moderate	Mid-Ebb	S	1	16:52	5.96	8.06	27.79	26.8	2.36	6	-	-	-
M1	16/7/2018	Sunny	Moderate	Mid-Ebb	B	8.2	17:09	5.99	8.04	27.75	26.8	2.40	5	-	-	-
M1	16/7/2018	Sunny	Moderate	Mid-Ebb	B	8.2	17:09	6.00	8.03	27.66	26.9	2.41	5	-	-	-
M1	16/7/2018	Sunny	Moderate	Mid-Ebb	M	4.6	17:10	5.98	8.04	27.74	26.8	2.33	5	-	-	-
M1	16/7/2018	Sunny	Moderate	Mid-Ebb	M	4.6	17:10	5.99	8.03	27.70	26.9	2.33	4	-	-	-
M1	16/7/2018	Sunny	Moderate	Mid-Ebb	S	1	17:11	5.97	8.04	27.74	26.8	2.52	5	-	-	-
M1	16/7/2018	Sunny	Moderate	Mid-Ebb	S	1	17:11	5.97	8.05	27.79	26.8	2.50	5	-	-	-
C1	20/7/2018	Cloudy	Slight	Mid-Ebb	B	7.2	04:45	7.36	8.09	27.71	27.9	1.62	6	-	-	-

Contract No. EP/SP/66/12  
 Integrated Waste Management Facilities, Phase 1  
 Baseline Water Quality Monitoring Data

Location	Date	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>note 4</small>	SS (mg/L)	Total Alkalinity (mg/L) <small>note 2</small>	Current Velocity (m/s) <small>note 2</small>	Current Direction (NSWE) <small>note 2</small>
C1	20/7/2018	Cloudy	Slight	Mid-Ebb	B	7.2	04:45	7.37	8.08	27.68	27.8	1.60	8	-	-	-
C1	20/7/2018	Cloudy	Slight	Mid-Ebb	M	4.1	04:46	7.55	8.11	27.80	27.5	1.81	6	-	-	-
C1	20/7/2018	Cloudy	Slight	Mid-Ebb	M	4.1	04:47	7.39	8.12	27.81	27.4	1.62	6	-	-	-
C1	20/7/2018	Cloudy	Slight	Mid-Ebb	S	1	04:47	7.43	8.14	27.74	27.8	1.43	5	-	-	-
C1	20/7/2018	Cloudy	Slight	Mid-Ebb	S	1	04:47	7.43	8.15	27.70	27.7	1.46	6	-	-	-
M1	20/7/2018	Cloudy	Slight	Mid-Ebb	B	8.8	05:10	7.39	8.14	27.70	27.9	1.42	8	-	-	-
M1	20/7/2018	Cloudy	Slight	Mid-Ebb	B	8.8	05:10	7.37	8.13	27.71	27.9	1.42	7	-	-	-
M1	20/7/2018	Cloudy	Slight	Mid-Ebb	M	4.9	05:11	7.48	8.15	27.78	27.6	1.66	5	-	-	-
M1	20/7/2018	Cloudy	Slight	Mid-Ebb	M	4.9	05:11	7.56	8.15	27.77	27.7	1.80	6	-	-	-
M1	20/7/2018	Cloudy	Slight	Mid-Ebb	S	1	05:12	7.59	8.15	27.79	27.4	1.72	5	-	-	-
M1	20/7/2018	Cloudy	Slight	Mid-Ebb	S	1	05:12	7.58	8.13	27.71	27.5	1.71	4	-	-	-
F1	20/7/2018	Cloudy	Slight	Mid-Ebb	B	6.6	05:33	7.63	8.16	27.78	27.6	1.60	7	-	-	-
F1	20/7/2018	Cloudy	Slight	Mid-Ebb	B	6.6	05:33	7.62	8.18	27.73	27.6	1.62	5	-	-	-
F1	20/7/2018	Cloudy	Slight	Mid-Ebb	M	3.8	05:34	7.59	8.15	27.80	27.4	1.87	7	-	-	-
F1	20/7/2018	Cloudy	Slight	Mid-Ebb	M	3.8	05:34	7.60	8.12	27.83	27.4	1.88	5	-	-	-
F1	20/7/2018	Cloudy	Slight	Mid-Ebb	S	1	05:35	7.38	8.15	27.82	27.4	1.47	6	-	-	-
F1	20/7/2018	Cloudy	Slight	Mid-Ebb	S	1	05:35	7.40	8.18	27.84	27.4	1.47	5	-	-	-
B4	20/7/2018	Cloudy	Slight	Mid-Ebb	B	4	05:56	7.48	8.16	27.80	27.5	1.81	7	-	-	-
B4	20/7/2018	Cloudy	Slight	Mid-Ebb	B	4	05:56	7.49	8.17	27.77	27.6	1.80	7	-	-	-

Contract No. EP/SP/66/12  
 Integrated Waste Management Facilities, Phase 1  
 Baseline Water Quality Monitoring Data

Location	Date	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>note 4</small>	SS (mg/L)	Total Alkalinity (mg/L) <small>note 2</small>	Current Velocity (m/s) <small>note 2</small>	Current Direction (NSWE) <small>note 2</small>
B4	20/7/2018	Cloudy	Slight	Mid-Ebb	S	1	05:57	7.61	8.16	27.76	27.7	2.02	5	-	-	-
B4	20/7/2018	Cloudy	Slight	Mid-Ebb	S	1	05:57	7.61	8.16	27.72	27.6	2.03	6	-	-	-
B3	20/7/2018	Cloudy	Slight	Mid-Ebb	B	3.6	06:08	7.64	8.17	27.78	27.7	1.77	6	-	-	-
B3	20/7/2018	Cloudy	Slight	Mid-Ebb	B	3.6	06:08	7.67	8.20	27.86	27.6	1.79	6	-	-	-
B3	20/7/2018	Cloudy	Slight	Mid-Ebb	S	1	06:09	7.64	8.17	27.79	27.6	1.77	6	-	-	-
B3	20/7/2018	Cloudy	Slight	Mid-Ebb	S	1	06:09	7.64	8.17	27.75	27.7	1.79	5	-	-	-
CR1	20/7/2018	Cloudy	Slight	Mid-Ebb	B	15.8	06:27	7.55	8.16	27.78	27.8	1.43	6	-	-	-
CR1	20/7/2018	Cloudy	Slight	Mid-Ebb	B	15.8	06:27	7.57	8.14	27.75	27.8	1.44	7	-	-	-
CR1	20/7/2018	Cloudy	Slight	Mid-Ebb	M	8.4	06:28	7.61	8.17	27.79	27.6	1.70	4	-	-	-
CR1	20/7/2018	Cloudy	Slight	Mid-Ebb	M	8.4	06:28	7.61	8.17	27.79	27.5	1.63	5	-	-	-
CR1	20/7/2018	Cloudy	Slight	Mid-Ebb	S	1	06:29	7.55	8.16	27.80	27.5	1.48	4	-	-	-
CR1	20/7/2018	Cloudy	Slight	Mid-Ebb	S	1	06:29	7.56	8.18	27.89	27.4	1.50	4	-	-	-
CR2	20/7/2018	Cloudy	Slight	Mid-Ebb	B	13	06:49	7.43	8.16	27.72	28.1	1.40	6	-	-	-
CR2	20/7/2018	Cloudy	Slight	Mid-Ebb	B	13	06:49	7.46	8.15	27.81	28.1	1.39	5	-	-	-
CR2	20/7/2018	Cloudy	Slight	Mid-Ebb	M	7	06:50	7.43	8.16	27.75	27.8	1.46	4	-	-	-
CR2	20/7/2018	Cloudy	Slight	Mid-Ebb	M	7	06:50	7.43	8.15	27.77	27.8	1.46	5	-	-	-
CR2	20/7/2018	Cloudy	Slight	Mid-Ebb	S	1	06:51	7.58	8.17	27.78	27.6	1.67	5	-	-	-
CR2	20/7/2018	Cloudy	Slight	Mid-Ebb	S	1	06:51	7.60	8.18	27.74	27.6	1.69	4	-	-	-
H1	20/7/2018	Cloudy	Slight	Mid-Ebb	B	7	07:10	7.44	8.16	27.71	28.2	1.21	6	-	-	-



Contract No. EP/SP/66/12  
 Integrated Waste Management Facilities, Phase 1  
 Baseline Water Quality Monitoring Data

Location	Date	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>note 4</small>	SS (mg/L)	Total Alkalinity (mg/L) <small>note 2</small>	Current Velocity (m/s) <small>note 2</small>	Current Direction (NSWE) <small>note 2</small>
H1	20/7/2018	Cloudy	Slight	Mid-Ebb	B	7	07:10	7.41	8.14	27.78	28.1	1.21	7	-	-	-
H1	20/7/2018	Cloudy	Slight	Mid-Ebb	M	4	07:11	7.49	8.17	27.77	27.7	1.66	6	-	-	-
H1	20/7/2018	Cloudy	Slight	Mid-Ebb	M	4	07:11	7.60	8.17	27.79	27.5	1.57	6	-	-	-
H1	20/7/2018	Cloudy	Slight	Mid-Ebb	S	1	07:12	7.55	8.16	27.80	27.5	1.37	5	-	-	-
H1	20/7/2018	Cloudy	Slight	Mid-Ebb	S	1	07:12	7.56	8.18	27.87	27.6	1.40	5	-	-	-
B2	20/7/2018	Cloudy	Slight	Mid-Ebb	B	3.7	07:32	7.58	8.17	27.79	27.5	1.67	6	-	-	-
B2	20/7/2018	Cloudy	Slight	Mid-Ebb	B	3.7	07:32	7.56	8.17	27.74	27.6	1.65	8	-	-	-
B2	20/7/2018	Cloudy	Slight	Mid-Ebb	S	1	07:33	7.56	8.17	27.79	27.5	1.79	5	-	-	-
B2	20/7/2018	Cloudy	Slight	Mid-Ebb	S	1	07:33	7.56	8.16	27.76	27.6	1.81	6	-	-	-
B1	20/7/2018	Cloudy	Slight	Mid-Ebb	B	3.8	07:46	7.62	8.17	27.79	27.5	1.60	7	-	-	-
B1	20/7/2018	Cloudy	Slight	Mid-Ebb	B	3.8	07:46	7.61	8.15	27.77	27.6	1.62	5	-	-	-
B1	20/7/2018	Cloudy	Slight	Mid-Ebb	S	1	07:48	7.68	8.17	27.77	27.7	1.58	6	-	-	-
B1	20/7/2018	Cloudy	Slight	Mid-Ebb	S	1	07:48	7.66	8.19	27.82	27.6	1.56	4	-	-	-
C2	20/7/2018	Cloudy	Slight	Mid-Ebb	B	11.1	08:03	7.70	8.18	27.76	27.6	1.58	7	-	-	-
C2	20/7/2018	Cloudy	Slight	Mid-Ebb	B	11.1	08:03	7.72	8.16	27.82	27.5	1.56	8	-	-	-
C2	20/7/2018	Cloudy	Slight	Mid-Ebb	M	6.05	08:04	7.73	8.18	27.77	27.6	1.54	6	-	-	-
C2	20/7/2018	Cloudy	Slight	Mid-Ebb	M	6.05	08:04	7.73	8.21	27.76	27.6	1.57	7	-	-	-
C2	20/7/2018	Cloudy	Slight	Mid-Ebb	S	1	08:05	7.72	8.18	27.77	27.5	1.81	5	-	-	-
C2	20/7/2018	Cloudy	Slight	Mid-Ebb	S	1	08:05	7.72	8.19	27.82	27.5	1.83	6	-	-	-

Contract No. EP/SP/66/12  
 Integrated Waste Management Facilities, Phase 1  
 Baseline Water Quality Monitoring Data

Location	Date	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>note 4</small>	SS (mg/L)	Total Alkalinity (mg/L) <small>note 2</small>	Current Velocity (m/s) <small>note 2</small>	Current Direction (NSWE) <small>note 2</small>
C2	20/7/2018	Cloudy	Moderate	Mid-Flood	B	11.5	10:15	7.46	8.16	27.72	28.2	1.24	6	-	-	-
C2	20/7/2018	Cloudy	Moderate	Mid-Flood	B	11.5	10:15	7.48	8.16	27.66	28.2	1.25	7	-	-	-
C2	20/7/2018	Cloudy	Moderate	Mid-Flood	M	6.25	10:16	7.47	8.16	27.74	28.1	1.50	5	-	-	-
C2	20/7/2018	Cloudy	Moderate	Mid-Flood	M	6.25	10:16	7.44	8.17	27.70	28.2	1.51	6	-	-	-
C2	20/7/2018	Cloudy	Moderate	Mid-Flood	S	1	10:17	7.58	8.17	27.76	27.8	1.42	4	-	-	-
C2	20/7/2018	Cloudy	Moderate	Mid-Flood	S	1	10:17	7.60	8.17	27.75	27.8	1.42	6	-	-	-
B1	20/7/2018	Cloudy	Moderate	Mid-Flood	B	4.1	10:36	7.57	8.17	27.78	27.9	1.50	6	-	-	-
B1	20/7/2018	Cloudy	Moderate	Mid-Flood	B	4.1	10:36	7.61	8.17	27.75	27.8	1.44	6	-	-	-
B1	20/7/2018	Cloudy	Moderate	Mid-Flood	S	1	10:37	7.54	8.16	27.71	28.2	1.24	6	-	-	-
B1	20/7/2018	Cloudy	Moderate	Mid-Flood	S	1	10:37	7.49	8.16	27.74	28.2	1.38	4	-	-	-
B2	20/7/2018	Cloudy	Moderate	Mid-Flood	B	3.9	10:50	7.50	8.16	27.73	28.2	1.29	4	-	-	-
B2	20/7/2018	Cloudy	Moderate	Mid-Flood	B	3.9	10:50	7.53	8.17	27.74	27.9	1.50	4	-	-	-
B2	20/7/2018	Cloudy	Moderate	Mid-Flood	S	1	10:51	7.57	8.16	27.74	28.2	1.19	3	-	-	-
B2	20/7/2018	Cloudy	Moderate	Mid-Flood	S	1	10:51	7.54	8.15	27.72	28.2	1.18	4	-	-	-
H1	20/7/2018	Cloudy	Moderate	Mid-Flood	B	7.4	11:07	7.63	8.19	27.59	28.2	1.29	5	-	-	-
H1	20/7/2018	Cloudy	Moderate	Mid-Flood	B	7.4	11:07	7.61	8.22	27.49	28.3	1.29	4	-	-	-
H1	20/7/2018	Cloudy	Moderate	Mid-Flood	M	4.2	11:08	7.72	8.20	27.48	28.3	1.32	5	-	-	-
H1	20/7/2018	Cloudy	Moderate	Mid-Flood	M	4.2	11:08	7.70	8.21	27.44	28.2	1.35	4	-	-	-
H1	20/7/2018	Cloudy	Moderate	Mid-Flood	S	1	11:09	8.03	8.23	27.35	28.3	1.39	4	-	-	-

Contract No. EP/SP/66/12  
Integrated Waste Management Facilities, Phase 1  
Baseline Water Quality Monitoring Data

Location	Date	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>note 4</small>	SS (mg/L)	Total Alkalinity (mg/L) <small>note 2</small>	Current Velocity (m/s) <small>note 2</small>	Current Direction (NSWE) <small>note 2</small>
H1	20/7/2018	Cloudy	Moderate	Mid-Flood	S	1	11:09	8.02	8.22	27.31	28.4	1.36	4	-	-	-
CR2	20/7/2018	Cloudy	Moderate	Mid-Flood	B	13.2	11:30	7.87	8.18	27.64	28.1	1.37	5	-	-	-
CR2	20/7/2018	Cloudy	Moderate	Mid-Flood	B	13.2	11:30	7.90	8.20	27.71	28.1	1.36	4	-	-	-
CR2	20/7/2018	Cloudy	Moderate	Mid-Flood	M	7.1	11:31	7.81	8.18	27.66	28.1	1.29	4	-	-	-
CR2	20/7/2018	Cloudy	Moderate	Mid-Flood	M	7.1	11:31	7.81	8.16	27.76	28.1	1.29	2	-	-	-
CR2	20/7/2018	Cloudy	Moderate	Mid-Flood	S	1	11:32	7.77	8.18	27.68	28.1	1.39	4	-	-	-
CR2	20/7/2018	Cloudy	Moderate	Mid-Flood	S	1	11:32	7.78	8.18	27.78	28.1	1.38	2	-	-	-
CR1	20/7/2018	Cloudy	Moderate	Mid-Flood	B	16	11:51	8.40	8.24	27.24	28.4	1.25	7	-	-	-
CR1	20/7/2018	Cloudy	Moderate	Mid-Flood	B	16	11:51	8.42	8.23	27.28	28.4	1.25	5	-	-	-
CR1	20/7/2018	Cloudy	Moderate	Mid-Flood	M	8.5	11:52	8.38	8.24	27.27	28.3	1.26	5	-	-	-
CR1	20/7/2018	Cloudy	Moderate	Mid-Flood	M	8.5	11:52	8.41	8.23	27.18	28.2	1.28	6	-	-	-
CR1	20/7/2018	Cloudy	Moderate	Mid-Flood	S	1	11:53	8.41	8.24	27.24	28.4	1.12	6	-	-	-
CR1	20/7/2018	Cloudy	Moderate	Mid-Flood	S	1	11:53	8.42	8.24	27.17	28.3	1.12	4	-	-	-
B3	20/7/2018	Cloudy	Moderate	Mid-Flood	B	3.8	12:15	8.43	8.25	27.24	28.4	1.26	5	-	-	-
B3	20/7/2018	Cloudy	Moderate	Mid-Flood	B	3.8	12:15	8.42	8.27	27.34	28.4	1.27	4	-	-	-
B3	20/7/2018	Cloudy	Moderate	Mid-Flood	S	1	12:16	8.42	8.23	27.39	28.0	1.76	4	-	-	-
B3	20/7/2018	Cloudy	Moderate	Mid-Flood	S	1	12:16	8.44	8.22	27.40	28.1	1.77	4	-	-	-
B4	20/7/2018	Cloudy	Moderate	Mid-Flood	B	4.2	12:29	8.48	8.24	27.30	28.1	1.67	5	-	-	-
B4	20/7/2018	Cloudy	Moderate	Mid-Flood	B	4.2	12:29	8.51	8.22	27.36	28.0	1.66	4	-	-	-

Contract No. EP/SP/66/12  
 Integrated Waste Management Facilities, Phase 1  
 Baseline Water Quality Monitoring Data

Location	Date	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>note 4</small>	SS (mg/L)	Total Alkalinity (mg/L) <small>note 2</small>	Current Velocity (m/s) <small>note 2</small>	Current Direction (NSWE) <small>note 2</small>
B4	20/7/2018	Cloudy	Moderate	Mid-Flood	S	1	12:30	7.87	8.18	27.68	28.0	1.63	4	-	-	-
B4	20/7/2018	Cloudy	Moderate	Mid-Flood	S	1	12:30	7.89	8.17	27.64	28.0	1.60	4	-	-	-
C1	20/7/2018	Cloudy	Moderate	Mid-Flood	B	7.5	12:45	7.89	8.19	27.65	27.9	1.45	5	-	-	-
C1	20/7/2018	Cloudy	Moderate	Mid-Flood	B	7.5	12:45	7.87	8.17	27.63	27.9	1.47	5	-	-	-
C1	20/7/2018	Cloudy	Moderate	Mid-Flood	M	4.25	12:46	7.83	8.19	27.74	27.7	1.49	4	-	-	-
C1	20/7/2018	Cloudy	Moderate	Mid-Flood	M	4.25	12:46	7.83	8.21	27.80	27.7	1.48	5	-	-	-
C1	20/7/2018	Cloudy	Moderate	Mid-Flood	S	1	12:47	7.85	8.19	27.74	27.6	1.70	4	-	-	-
C1	20/7/2018	Cloudy	Moderate	Mid-Flood	S	1	12:47	7.85	8.20	27.67	27.6	1.67	4	-	-	-
F1	20/7/2018	Cloudy	Moderate	Mid-Flood	B	6.8	13:05	8.36	8.24	27.36	28.0	1.56	5	-	-	-
F1	20/7/2018	Cloudy	Moderate	Mid-Flood	B	6.8	13:05	8.38	8.25	27.40	28.0	1.56	6	-	-	-
F1	20/7/2018	Cloudy	Moderate	Mid-Flood	M	3.9	13:05	8.32	8.21	27.57	27.9	1.42	3	-	-	-
F1	20/7/2018	Cloudy	Moderate	Mid-Flood	M	3.9	13:06	7.99	8.19	27.72	27.7	1.58	5	-	-	-
F1	20/7/2018	Cloudy	Moderate	Mid-Flood	S	1	13:06	8.02	8.18	27.74	27.6	1.57	4	-	-	-
F1	20/7/2018	Cloudy	Moderate	Mid-Flood	S	1	13:07	7.91	8.19	27.74	27.7	1.60	5	-	-	-
M1	20/7/2018	Cloudy	Moderate	Mid-Flood	B	9.1	13:27	7.92	8.19	27.73	27.7	1.67	6	-	-	-
M1	20/7/2018	Cloudy	Moderate	Mid-Flood	B	9.1	13:27	7.94	8.22	27.69	27.8	1.67	6	-	-	-
M1	20/7/2018	Cloudy	Moderate	Mid-Flood	M	5.05	13:28	7.88	8.19	27.75	27.6	1.69	4	-	-	-
M1	20/7/2018	Cloudy	Moderate	Mid-Flood	M	5.05	13:28	7.88	8.19	27.67	27.6	1.70	6	-	-	-
M1	20/7/2018	Cloudy	Moderate	Mid-Flood	S	1	13:29	7.87	8.19	27.75	27.6	1.57	3	-	-	-

Contract No. EP/SP/66/12  
Integrated Waste Management Facilities, Phase 1  
Baseline Water Quality Monitoring Data

Location	Date	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>note 4</small>	SS (mg/L)	Total Alkalinity (mg/L) <small>note 2</small>	Current Velocity (m/s) <small>note 2</small>	Current Direction (NSWE) <small>note 2</small>
M1	20/7/2018	Cloudy	Moderate	Mid-Flood	S	1	13:29	7.84	8.20	27.77	27.7	1.54	2	-	-	-
C2	23/7/2018	Fine	Calm	Mid-Flood	B	6.3	00:14	11.14	8.33	27.88	28.8	1.86	13	110	0.16	SE
C2	23/7/2018	Fine	Calm	Mid-Flood	B	6.3	00:14	11.15	8.32	27.85	28.8	1.83	16	110	0.16	SE
C2	23/7/2018	Fine	Calm	Mid-Flood	M	3.65	00:15	11.19	8.35	27.89	28.8	1.68	14	110	0.08	SE
C2	23/7/2018	Fine	Calm	Mid-Flood	M	3.65	00:15	11.22	8.37	27.94	28.8	1.69	14	109	0.08	SE
C2	23/7/2018	Fine	Calm	Mid-Flood	S	1	00:16	11.25	8.38	27.89	28.8	1.64	14	109	0.11	SE
C2	23/7/2018	Fine	Calm	Mid-Flood	S	1	00:16	11.24	8.36	27.84	28.9	1.62	12	110	0.11	S
B4	23/7/2018	Fine	Calm	Mid-Flood	B	4.2	00:33	11.30	8.40	27.88	28.9	1.86	15	107	0.08	S
B4	23/7/2018	Fine	Calm	Mid-Flood	B	4.2	00:33	10.95	8.41	27.89	28.9	1.75	15	109	0.08	SE
B4	23/7/2018	Fine	Calm	Mid-Flood	S	1	00:34	11.20	8.41	27.89	28.8	1.64	13	109	0.12	SE
B4	23/7/2018	Fine	Calm	Mid-Flood	S	1	00:34	11.19	8.39	27.93	28.9	1.63	12	110	0.12	S
B3	23/7/2018	Fine	Calm	Mid-Flood	B	4.4	00:41	11.31	8.42	27.89	28.9	1.77	8	108	0.05	SW
B3	23/7/2018	Fine	Calm	Mid-Flood	B	4.4	00:41	11.30	8.42	27.89	28.9	1.80	9	109	0.05	SW
B3	23/7/2018	Fine	Calm	Mid-Flood	S	1	00:42	11.31	8.42	27.89	28.9	1.58	6	110	0.06	SW
B3	23/7/2018	Fine	Calm	Mid-Flood	S	1	00:42	11.32	8.44	27.89	28.9	1.56	8	110	0.06	SW
CR1	23/7/2018	Fine	Calm	Mid-Flood	B	15.6	00:53	11.35	8.43	27.89	28.9	1.71	10	109	0.06	S
CR1	23/7/2018	Fine	Calm	Mid-Flood	B	15.6	00:53	11.36	8.44	27.96	28.8	1.68	8	109	0.07	S
CR1	23/7/2018	Fine	Calm	Mid-Flood	M	8.3	00:54	11.38	8.43	27.88	28.8	1.73	10	109	0.03	S
CR1	23/7/2018	Fine	Calm	Mid-Flood	M	8.3	00:54	11.36	8.46	27.81	28.9	1.72	9	110	0.11	S

Contract No. EP/SP/66/12  
 Integrated Waste Management Facilities, Phase 1  
 Baseline Water Quality Monitoring Data

Location	Date	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>note 4</small>	SS (mg/L)	Total Alkalinity (mg/L) <small>note 2</small>	Current Velocity (m/s) <small>note 2</small>	Current Direction (NSWE) <small>note 2</small>
CR1	23/7/2018	Fine	Calm	Mid-Flood	S	1	00:55	11.39	8.43	27.89	28.8	1.70	6	109	0.21	S
CR1	23/7/2018	Fine	Calm	Mid-Flood	S	1	00:55	11.37	8.42	27.95	28.9	1.73	8	110	0.13	S
S3	23/7/2018	Fine	Calm	Mid-Flood	B	11.7	01:11	11.38	8.44	27.88	28.9	1.88	10	110	0.06	S
S3	23/7/2018	Fine	Calm	Mid-Flood	B	11.7	01:11	11.36	8.43	27.89	28.9	1.90	9	110	0.19	S
S3	23/7/2018	Fine	Calm	Mid-Flood	M	6.35	01:12	11.37	8.44	27.88	28.9	1.64	10	109	0.16	S
S3	23/7/2018	Fine	Calm	Mid-Flood	M	6.35	01:12	11.37	8.45	27.82	28.9	1.64	10	110	0.18	S
S3	23/7/2018	Fine	Calm	Mid-Flood	S	1	01:13	11.36	8.45	27.88	28.9	1.67	8	110	0.23	S
S3	23/7/2018	Fine	Calm	Mid-Flood	S	1	01:13	11.38	8.43	27.92	28.8	1.70	9	109	0.29	SE
CR2	23/7/2018	Fine	Calm	Mid-Flood	B	11.9	01:31	11.36	8.46	27.87	28.9	1.66	9	109	0.27	SE
CR2	23/7/2018	Fine	Calm	Mid-Flood	B	11.9	01:31	11.33	8.48	27.82	28.8	1.68	7	110	0.05	SE
CR2	23/7/2018	Fine	Calm	Mid-Flood	M	6.45	01:32	11.37	8.46	27.86	28.9	1.72	6	109	0.14	SE
CR2	23/7/2018	Fine	Calm	Mid-Flood	M	6.45	01:32	11.38	8.44	27.88	28.8	1.70	6	110	0.10	SE
CR2	23/7/2018	Fine	Calm	Mid-Flood	S	1	01:33	11.36	8.46	27.87	28.9	1.69	6	109	0.21	SE
CR2	23/7/2018	Fine	Calm	Mid-Flood	S	1	01:33	11.37	8.48	27.97	28.9	1.67	4	109	0.20	SE
H1	23/7/2018	Fine	Calm	Mid-Flood	B	5.8	01:51	11.38	8.46	27.86	28.8	1.73	13	110	0.21	SE
H1	23/7/2018	Fine	Calm	Mid-Flood	B	5.8	01:51	11.40	8.45	27.85	28.8	1.74	14	109	0.25	SE
H1	23/7/2018	Fine	Calm	Mid-Flood	M	3.4	01:52	11.41	8.46	27.84	28.8	1.66	12	109	0.06	SE
H1	23/7/2018	Fine	Calm	Mid-Flood	M	3.4	01:52	11.42	8.46	27.84	28.8	1.72	14	109	0.29	SE
H1	23/7/2018	Fine	Calm	Mid-Flood	S	1	01:53	11.43	8.46	27.83	28.8	1.85	12	110	0.28	SE

Contract No. EP/SP/66/12  
 Integrated Waste Management Facilities, Phase 1  
 Baseline Water Quality Monitoring Data

Location	Date	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>note 4</small>	SS (mg/L)	Total Alkalinity (mg/L) <small>note 2</small>	Current Velocity (m/s) <small>note 2</small>	Current Direction (NSWE) <small>note 2</small>
H1	23/7/2018	Fine	Calm	Mid-Flood	S	1	01:53	11.46	8.46	27.78	28.9	1.86	12	110	0.36	SE
S2	23/7/2018	Fine	Calm	Mid-Flood	B	8.2	02:10	11.42	8.46	27.83	28.9	1.65	12	110	0.11	S
S2	23/7/2018	Fine	Calm	Mid-Flood	B	8.2	02:10	11.41	8.47	27.85	28.8	1.62	11	109	0.19	S
S2	23/7/2018	Fine	Calm	Mid-Flood	M	4.6	02:11	11.42	8.46	27.83	28.9	1.67	10	110	0.06	S
S2	23/7/2018	Fine	Calm	Mid-Flood	M	4.6	02:11	11.42	8.47	27.92	28.9	1.68	9	109	0.20	S
S2	23/7/2018	Fine	Calm	Mid-Flood	S	1	02:12	11.41	8.47	27.83	28.9	1.48	8	109	0.15	S
S2	23/7/2018	Fine	Calm	Mid-Flood	S	1	02:12	11.43	8.47	27.90	28.9	1.49	10	109	0.25	S
S1	23/7/2018	Fine	Calm	Mid-Flood	B	4.5	02:25	11.47	8.47	27.81	28.9	1.87	11	108	0.13	S
S1	23/7/2018	Fine	Calm	Mid-Flood	B	4.5	02:25	11.50	8.46	27.85	28.9	1.89	12	109	0.06	S
S1	23/7/2018	Fine	Calm	Mid-Flood	S	1	02:26	11.45	8.47	27.80	28.9	1.55	9	109	0.31	S
S1	23/7/2018	Fine	Calm	Mid-Flood	S	1	02:26	11.43	8.44	27.76	28.9	1.55	7	110	0.24	S
B1	23/7/2018	Fine	Calm	Mid-Flood	B	4.3	02:34	11.47	8.47	27.80	28.9	1.74	14	109	0.09	SW
B1	23/7/2018	Fine	Calm	Mid-Flood	B	4.3	02:34	11.50	8.49	27.85	28.8	1.72	14	110	0.09	SW
B1	23/7/2018	Fine	Calm	Mid-Flood	S	1	02:35	11.46	8.47	27.80	28.9	1.68	12	108	0.05	SW
B1	23/7/2018	Fine	Calm	Mid-Flood	S	1	02:35	11.49	8.50	27.84	28.9	1.70	13	109	0.05	SW
C1	23/7/2018	Fine	Calm	Mid-Flood	B	10.4	02:44	11.47	8.47	27.80	28.9	1.57	15	109	0.32	SE
C1	23/7/2018	Fine	Calm	Mid-Flood	B	10.4	02:44	11.47	8.46	27.76	29.0	1.55	17	110	0.32	SE
C1	23/7/2018	Fine	Calm	Mid-Flood	M	5.7	02:45	11.47	8.47	27.79	28.9	1.64	15	109	0.32	SE
C1	23/7/2018	Fine	Calm	Mid-Flood	M	5.7	02:45	11.47	8.47	27.79	28.9	1.69	16	109	0.32	SE

Contract No. EP/SP/66/12  
 Integrated Waste Management Facilities, Phase 1  
 Baseline Water Quality Monitoring Data

Location	Date	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>note 4</small>	SS (mg/L)	Total Alkalinity (mg/L) <small>note 2</small>	Current Velocity (m/s) <small>note 2</small>	Current Direction (NSWE) <small>note 2</small>
C1	23/7/2018	Fine	Calm	Mid-Flood	S	1	02:46	11.48	8.46	27.70	28.9	1.68	14	110	0.66	SE
C1	23/7/2018	Fine	Calm	Mid-Flood	S	1	02:46	11.48	8.47	27.80	28.9	1.63	12	110	0.66	SE
M1	23/7/2018	Fine	Calm	Mid-Flood	B	8.2	03:09	11.50	8.47	27.79	28.9	1.67	9	109	0.08	SW
M1	23/7/2018	Fine	Calm	Mid-Flood	B	8.2	03:09	11.49	8.49	27.89	28.9	1.65	10	109	0.08	SW
M1	23/7/2018	Fine	Calm	Mid-Flood	M	4.6	03:10	11.50	8.47	27.80	28.8	1.74	6	109	0.19	SW
M1	23/7/2018	Fine	Calm	Mid-Flood	M	4.6	03:10	11.51	8.47	27.81	28.8	1.82	8	109	0.19	SW
M1	23/7/2018	Fine	Calm	Mid-Flood	S	1	03:11	11.50	8.47	27.78	28.9	2.03	7	109	0.07	SW
M1	23/7/2018	Fine	Calm	Mid-Flood	S	1	03:11	11.52	8.47	27.79	28.9	1.82	5	109	0.07	SW
F1	23/7/2018	Fine	Calm	Mid-Flood	B	6	03:32	11.52	8.47	27.78	28.9	1.79	17	110	0.09	SE
F1	23/7/2018	Fine	Calm	Mid-Flood	B	6	03:32	11.53	8.47	27.70	28.9	1.80	18	110	0.06	SE
F1	23/7/2018	Fine	Calm	Mid-Flood	M	3.5	03:33	11.51	8.47	27.78	28.9	1.76	17	110	0.02	SE
F1	23/7/2018	Fine	Calm	Mid-Flood	M	3.5	03:33	11.53	8.45	27.80	29.0	1.73	15	109	0.02	SE
F1	23/7/2018	Fine	Calm	Mid-Flood	S	1	03:34	11.53	8.47	27.79	28.9	1.66	13	109	0.07	SE
F1	23/7/2018	Fine	Calm	Mid-Flood	S	1	03:34	11.55	8.47	27.74	29.0	1.67	14	110	0.07	SE
C1	23/7/2018	Cloudy	Moderate	Mid-Ebb	B	10.8	08:14	11.51	8.48	27.78	28.9	1.47	11	109	0.22	NE
C1	23/7/2018	Cloudy	Moderate	Mid-Ebb	B	10.8	08:14	11.48	8.46	27.73	28.9	1.45	12	109	0.44	NE
C1	23/7/2018	Cloudy	Moderate	Mid-Ebb	M	5.9	08:15	11.52	8.48	27.78	28.9	1.68	11	110	0.54	E
C1	23/7/2018	Cloudy	Moderate	Mid-Ebb	M	5.9	08:15	11.50	8.49	27.79	29.0	1.68	11	109	0.27	E
C1	23/7/2018	Cloudy	Moderate	Mid-Ebb	S	1	08:16	11.54	8.48	27.78	28.9	1.64	10	109	0.40	E



Contract No. EP/SP/66/12  
Integrated Waste Management Facilities, Phase 1  
Baseline Water Quality Monitoring Data

Location	Date	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>note 4</small>	SS (mg/L)	Total Alkalinity (mg/L) <small>note 2</small>	Current Velocity (m/s) <small>note 2</small>	Current Direction (NSWE) <small>note 2</small>
C1	23/7/2018	Cloudy	Moderate	Mid-Ebb	S	1	08:16	11.53	8.46	27.77	28.8	1.65	11	109	0.33	E
B1	23/7/2018	Cloudy	Moderate	Mid-Ebb	B	4.6	08:31	11.59	8.48	27.77	28.9	1.65	15	110	0.22	SE
B1	23/7/2018	Cloudy	Moderate	Mid-Ebb	B	4.6	08:31	11.58	8.50	27.79	28.8	1.65	18	110	0.19	SE
B1	23/7/2018	Cloudy	Moderate	Mid-Ebb	S	1	08:32	11.60	8.48	27.78	28.9	1.69	6	109	0.14	S
B1	23/7/2018	Cloudy	Moderate	Mid-Ebb	S	1	08:32	11.61	8.47	27.87	28.8	1.66	6	108	0.16	S
S1	23/7/2018	Cloudy	Moderate	Mid-Ebb	B	4.8	08:39	11.59	8.48	27.77	28.9	1.72	11	109	0.17	SE
S1	23/7/2018	Cloudy	Moderate	Mid-Ebb	B	4.8	08:39	11.56	8.46	27.74	29.0	1.69	12	108	0.20	S
S1	23/7/2018	Cloudy	Moderate	Mid-Ebb	S	1	08:40	11.59	8.48	27.78	28.9	1.74	9	108	0.59	S
S1	23/7/2018	Cloudy	Moderate	Mid-Ebb	S	1	08:40	11.59	8.48	27.81	28.9	1.73	7	109	0.55	S
B2	23/7/2018	Cloudy	Moderate	Mid-Ebb	B	3.6	08:49	11.59	8.48	27.76	28.9	1.88	10	109	0.48	S
B2	23/7/2018	Cloudy	Moderate	Mid-Ebb	B	3.6	08:49	11.60	8.47	27.68	28.9	1.91	10	109	0.24	S
B2	23/7/2018	Cloudy	Moderate	Mid-Ebb	S	1	08:50	11.59	8.48	27.76	28.9	1.73	10	109	0.67	SW
B2	23/7/2018	Cloudy	Moderate	Mid-Ebb	S	1	08:50	11.60	8.46	27.78	28.9	1.75	10	109	0.64	SW
S2	23/7/2018	Cloudy	Moderate	Mid-Ebb	B	8.6	09:00	11.62	8.48	27.77	28.8	1.52	12	109	0.25	SW
S2	23/7/2018	Cloudy	Moderate	Mid-Ebb	B	8.6	09:00	11.63	8.49	27.81	28.8	1.54	11	109	0.40	S
S2	23/7/2018	Cloudy	Moderate	Mid-Ebb	M	4.8	09:01	11.60	8.48	27.78	28.8	1.86	9	108	0.27	SW
S2	23/7/2018	Cloudy	Moderate	Mid-Ebb	M	4.8	09:01	11.61	8.48	27.76	28.9	1.59	10	109	0.38	S
S2	23/7/2018	Cloudy	Moderate	Mid-Ebb	S	1	09:02	11.61	8.48	27.78	28.8	1.67	8	108	0.20	S
S2	23/7/2018	Cloudy	Moderate	Mid-Ebb	S	1	09:02	11.61	8.46	27.73	28.9	1.68	10	108	0.22	SW

Contract No. EP/SP/66/12  
 Integrated Waste Management Facilities, Phase 1  
 Baseline Water Quality Monitoring Data

Location	Date	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>note 4</small>	SS (mg/L)	Total Alkalinity (mg/L) <small>note 2</small>	Current Velocity (m/s) <small>note 2</small>	Current Direction (NSWE) <small>note 2</small>
H1	23/7/2018	Cloudy	Moderate	Mid-Ebb	B	6	09:17	11.62	8.48	27.76	28.9	1.82	18	109	0.27	SW
H1	23/7/2018	Cloudy	Moderate	Mid-Ebb	B	6	09:17	11.60	8.50	27.76	29.0	1.81	18	109	0.38	S
H1	23/7/2018	Cloudy	Moderate	Mid-Ebb	M	3.5	09:18	11.63	8.48	27.77	28.9	1.86	12	108	0.20	S
H1	23/7/2018	Cloudy	Moderate	Mid-Ebb	M	3.5	09:18	11.64	8.48	27.77	28.8	1.69	10	109	0.22	SW
H1	23/7/2018	Cloudy	Moderate	Mid-Ebb	S	1	09:19	11.64	8.48	27.78	28.8	1.73	10	109	0.27	SW
H1	23/7/2018	Cloudy	Moderate	Mid-Ebb	S	1	09:19	11.64	8.46	27.86	28.9	1.72	8	109	0.38	SW
CR2	23/7/2018	Cloudy	Moderate	Mid-Ebb	B	12.2	09:33	11.60	8.48	27.75	28.9	1.49	9	109	0.58	NE
CR2	23/7/2018	Cloudy	Moderate	Mid-Ebb	B	12.2	09:33	11.62	8.46	27.79	28.9	1.46	7	109	0.65	NE
CR2	23/7/2018	Cloudy	Moderate	Mid-Ebb	M	6.6	09:34	11.58	8.48	27.75	28.9	1.66	6	109	0.45	NE
CR2	23/7/2018	Cloudy	Moderate	Mid-Ebb	M	6.6	09:34	11.61	8.46	27.65	28.9	1.65	6	109	0.40	NE
CR2	23/7/2018	Cloudy	Moderate	Mid-Ebb	S	1	09:35	11.60	8.48	27.76	28.9	1.74	6	108	0.22	N
CR2	23/7/2018	Cloudy	Moderate	Mid-Ebb	S	1	09:35	11.59	8.48	27.85	29.0	1.77	4	109	0.31	N
S3	23/7/2018	Cloudy	Moderate	Mid-Ebb	B	11.8	09:50	11.58	8.48	27.75	28.9	1.74	10	108	0.27	S
S3	23/7/2018	Cloudy	Moderate	Mid-Ebb	B	11.8	09:50	11.59	8.49	27.76	28.9	1.73	9	109	0.20	SW
S3	23/7/2018	Cloudy	Moderate	Mid-Ebb	M	6.4	09:51	11.59	8.48	27.76	28.9	1.68	10	110	0.18	S
S3	23/7/2018	Cloudy	Moderate	Mid-Ebb	M	6.4	09:51	11.57	8.49	27.75	28.9	1.68	10	109	0.16	S
S3	23/7/2018	Cloudy	Moderate	Mid-Ebb	S	1	09:52	11.62	8.48	27.77	28.9	1.79	8	109	0.25	SW
S3	23/7/2018	Cloudy	Moderate	Mid-Ebb	S	1	09:52	11.61	8.48	27.80	28.9	1.80	9	109	0.15	SW
CR1	23/7/2018	Cloudy	Moderate	Mid-Ebb	B	15.8	10:08	11.65	8.48	27.78	28.9	1.70	10	108	0.93	NE

Contract No. EP/SP/66/12  
Integrated Waste Management Facilities, Phase 1  
Baseline Water Quality Monitoring Data

Location	Date	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>note 4</small>	SS (mg/L)	Total Alkalinity (mg/L) <small>note 2</small>	Current Velocity (m/s) <small>note 2</small>	Current Direction (NSWE) <small>note 2</small>
CR1	23/7/2018	Cloudy	Moderate	Mid-Ebb	B	15.8	10:08	11.66	8.48	27.69	29.0	1.73	8	109	0.89	NE
CR1	23/7/2018	Cloudy	Moderate	Mid-Ebb	M	8.4	10:09	11.62	8.48	27.76	28.9	1.74	10	109	0.67	NE
CR1	23/7/2018	Cloudy	Moderate	Mid-Ebb	M	8.4	10:09	11.64	8.50	27.70	28.9	1.74	9	108	0.95	NE
CR1	23/7/2018	Cloudy	Moderate	Mid-Ebb	S	1	10:10	11.59	8.48	27.76	28.9	1.65	6	108	0.83	NE
CR1	23/7/2018	Cloudy	Moderate	Mid-Ebb	S	1	10:10	11.59	8.50	27.67	29.0	1.66	8	108	0.58	NE
B3	23/7/2018	Cloudy	Moderate	Mid-Ebb	B	4.6	10:25	11.59	8.48	27.77	28.9	1.80	8	108	0.09	SE
B3	23/7/2018	Cloudy	Moderate	Mid-Ebb	B	4.6	10:25	11.62	8.47	27.72	28.8	1.80	9	108	0.08	SE
B3	23/7/2018	Cloudy	Moderate	Mid-Ebb	S	1	10:26	11.60	8.48	27.76	28.9	1.65	8	108	0.08	SE
B3	23/7/2018	Cloudy	Moderate	Mid-Ebb	S	1	10:26	11.64	8.48	27.77	28.9	1.82	8	109	0.67	E
B4	23/7/2018	Cloudy	Moderate	Mid-Ebb	B	4.4	10:33	11.66	8.49	27.77	28.9	1.72	16	109	0.07	NE
B4	23/7/2018	Cloudy	Moderate	Mid-Ebb	B	4.4	10:33	11.66	8.50	27.76	28.9	1.71	18	110	0.02	NE
B4	23/7/2018	Cloudy	Moderate	Mid-Ebb	S	1	10:34	11.68	8.48	27.76	28.9	1.74	16	109	1.54	NE
B4	23/7/2018	Cloudy	Moderate	Mid-Ebb	S	1	10:34	11.69	8.50	27.77	28.9	1.77	17	109	1.48	NE
C2	23/7/2018	Cloudy	Moderate	Mid-Ebb	B	6.8	10:45	11.71	8.49	27.76	28.9	1.80	14	108	0.77	NE
C2	23/7/2018	Cloudy	Moderate	Mid-Ebb	B	6.8	10:45	11.70	8.49	27.85	28.9	1.79	16	108	0.62	NE
C2	23/7/2018	Cloudy	Moderate	Mid-Ebb	M	3.9	10:46	11.68	8.49	27.76	28.9	1.74	13	109	0.49	NE
C2	23/7/2018	Cloudy	Moderate	Mid-Ebb	M	3.9	10:46	11.71	8.48	27.77	28.9	1.74	14	108	1.29	NE
C2	23/7/2018	Cloudy	Moderate	Mid-Ebb	S	1	10:47	11.68	8.49	27.76	28.9	1.78	12	110	0.92	NE
C2	23/7/2018	Cloudy	Moderate	Mid-Ebb	S	1	10:47	11.70	8.52	27.75	29.0	1.80	14	109	0.52	NE

Contract No. EP/SP/66/12  
 Integrated Waste Management Facilities, Phase 1  
 Baseline Water Quality Monitoring Data

Location	Date	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>note 4</small>	SS (mg/L)	Total Alkalinity (mg/L) <small>note 2</small>	Current Velocity (m/s) <small>note 2</small>	Current Direction (NSWE) <small>note 2</small>
F1	23/7/2018	Cloudy	Moderate	Mid-Ebb	B	6.4	11:08	11.73	8.49	27.76	28.9	1.53	17	108	0.16	NE
F1	23/7/2018	Cloudy	Moderate	Mid-Ebb	B	6.4	11:08	11.71	8.50	27.71	28.9	1.54	18	110	0.80	N
F1	23/7/2018	Cloudy	Moderate	Mid-Ebb	M	3.7	11:09	11.73	8.49	27.76	28.9	1.77	17	109	0.22	NE
F1	23/7/2018	Cloudy	Moderate	Mid-Ebb	M	3.7	11:09	11.73	8.49	27.76	29.0	1.78	15	109	0.18	NE
F1	23/7/2018	Cloudy	Moderate	Mid-Ebb	S	1	11:10	11.75	8.49	27.80	28.9	1.67	13	109	0.02	NE
F1	23/7/2018	Cloudy	Moderate	Mid-Ebb	S	1	11:10	11.74	8.48	27.76	29.0	1.69	14	109	1.23	NE
M1	23/7/2018	Cloudy	Moderate	Mid-Ebb	B	8.6	11:31	11.75	8.49	27.77	28.9	1.64	9	109	1.38	E
M1	23/7/2018	Cloudy	Moderate	Mid-Ebb	B	8.6	11:31	11.73	8.47	27.70	29.0	1.66	10	108	0.92	E
M1	23/7/2018	Cloudy	Moderate	Mid-Ebb	M	4.8	11:32	11.77	8.49	27.81	28.9	1.52	6	108	0.94	E
M1	23/7/2018	Cloudy	Moderate	Mid-Ebb	M	4.8	11:32	11.78	8.49	27.80	28.9	1.97	8	109	0.19	E
M1	23/7/2018	Cloudy	Moderate	Mid-Ebb	S	1	11:33	11.79	8.47	27.76	28.8	1.98	7	109	0.40	E
M1	23/7/2018	Cloudy	Moderate	Mid-Ebb	S	1	11:33	11.79	8.49	27.79	28.9	1.76	5	109	0.57	NE
C2	25/7/2018	Fine	Calm	Mid-Flood	B	6	01:45	8.80	8.43	27.48	29.4	0.67	5	107	0.18	S
C2	25/7/2018	Fine	Calm	Mid-Flood	B	6	01:45	8.81	8.45	27.52	29.4	0.65	6	107	0.18	S
C2	25/7/2018	Fine	Calm	Mid-Flood	M	3.5	01:46	9.15	8.45	27.66	29.1	1.23	5	108	0.01	S
C2	25/7/2018	Fine	Calm	Mid-Flood	M	3.5	01:46	9.16	8.43	27.71	29.0	1.21	4	108	0.01	S
C2	25/7/2018	Fine	Calm	Mid-Flood	S	1	01:47	9.19	8.44	27.73	28.9	0.85	4	108	0.32	S
C2	25/7/2018	Fine	Calm	Mid-Flood	S	1	01:47	9.17	8.42	27.72	29.0	0.87	4	109	0.32	S
B4	25/7/2018	Fine	Calm	Mid-Flood	B	3.8	02:01	9.17	8.47	27.53	29.3	1.00	6	108	0.04	S

Contract No. EP/SP/66/12  
Integrated Waste Management Facilities, Phase 1  
Baseline Water Quality Monitoring Data

Location	Date	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>note 4</small>	SS (mg/L)	Total Alkalinity (mg/L) <small>note 2</small>	Current Velocity (m/s) <small>note 2</small>	Current Direction (NSWE) <small>note 2</small>
B4	25/7/2018	Fine	Calm	Mid-Flood	B	3.8	02:01	9.19	8.48	27.60	29.4	0.98	7	109	0.04	S
B4	25/7/2018	Fine	Calm	Mid-Flood	S	1	02:02	9.19	8.47	27.67	29.1	1.18	5	108	0.04	S
B4	25/7/2018	Fine	Calm	Mid-Flood	S	1	02:02	9.20	8.48	27.63	29.0	1.16	5	108	0.04	S
B3	25/7/2018	Fine	Calm	Mid-Flood	B	4.2	02:10	9.27	8.48	27.65	29.1	1.07	8	109	0.07	SE
B3	25/7/2018	Fine	Calm	Mid-Flood	B	4.2	02:10	9.26	8.45	27.64	29.0	1.05	7	108	0.07	SE
B3	25/7/2018	Fine	Calm	Mid-Flood	S	1	02:11	9.29	8.49	27.68	29.0	0.96	6	108	0.14	SE
B3	25/7/2018	Fine	Calm	Mid-Flood	S	1	02:11	9.27	8.48	27.62	28.9	0.95	7	108	0.14	SE
CR1	25/7/2018	Fine	Calm	Mid-Flood	B	15.3	02:21	9.29	8.49	27.66	29.0	1.09	8	105	0.32	SE
CR1	25/7/2018	Fine	Calm	Mid-Flood	B	15.3	02:21	9.28	8.50	27.75	29.0	1.12	9	105	0.01	SE
CR1	25/7/2018	Fine	Calm	Mid-Flood	M	8.15	02:22	9.29	8.49	27.68	29.0	0.87	8	106	0.32	SE
CR1	25/7/2018	Fine	Calm	Mid-Flood	M	8.15	02:22	9.27	8.47	27.72	29.0	0.85	8	106	0.06	SE
CR1	25/7/2018	Fine	Calm	Mid-Flood	S	1	02:23	9.25	8.48	27.74	28.9	1.00	7	105	0.40	SE
CR1	25/7/2018	Fine	Calm	Mid-Flood	S	1	02:23	9.23	8.47	27.83	28.9	0.97	7	105	0.20	SE
S3	25/7/2018	Fine	Calm	Mid-Flood	B	11.4	02:38	9.20	8.48	27.73	28.9	1.10	11	106	0.11	S
S3	25/7/2018	Fine	Calm	Mid-Flood	B	11.4	02:38	9.20	8.49	27.67	28.9	1.09	9	106	0.27	S
S3	25/7/2018	Fine	Calm	Mid-Flood	M	6.2	02:39	9.31	8.49	27.74	28.9	0.97	10	106	0.10	SW
S3	25/7/2018	Fine	Calm	Mid-Flood	M	6.2	02:39	9.28	8.51	27.78	28.9	0.94	8	106	0.22	S
S3	25/7/2018	Fine	Calm	Mid-Flood	S	1	02:40	9.15	8.47	27.78	28.9	1.02	6	107	0.32	SW
S3	25/7/2018	Fine	Calm	Mid-Flood	S	1	02:40	9.17	8.49	27.81	28.9	1.00	8	106	0.26	SW

Contract No. EP/SP/66/12  
 Integrated Waste Management Facilities, Phase 1  
 Baseline Water Quality Monitoring Data

Location	Date	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>note 4</small>	SS (mg/L)	Total Alkalinity (mg/L) <small>note 2</small>	Current Velocity (m/s) <small>note 2</small>	Current Direction (NSWE) <small>note 2</small>
CR2	25/7/2018	Fine	Calm	Mid-Flood	B	11.6	02:53	9.17	8.50	27.69	29.0	1.04	7	106	0.24	SW
CR2	25/7/2018	Fine	Calm	Mid-Flood	B	11.6	02:53	9.20	8.48	27.59	29.0	1.05	7	106	0.14	SW
CR2	25/7/2018	Fine	Calm	Mid-Flood	M	6.3	02:54	9.23	8.48	27.76	28.9	1.04	6	105	0.24	SW
CR2	25/7/2018	Fine	Calm	Mid-Flood	M	6.3	02:54	9.24	8.48	27.76	29.0	1.02	7	105	0.07	SW
CR2	25/7/2018	Fine	Calm	Mid-Flood	S	1	02:55	8.96	8.46	27.79	28.9	1.08	7	106	0.13	SW
CR2	25/7/2018	Fine	Calm	Mid-Flood	S	1	02:55	8.93	8.44	27.77	28.9	1.08	5	106	0.31	S
H1	25/7/2018	Fine	Calm	Mid-Flood	B	5.4	03:12	9.07	8.50	27.70	29.0	0.93	6	109	0.25	S
H1	25/7/2018	Fine	Calm	Mid-Flood	B	5.4	03:12	9.09	8.49	27.67	29.0	0.96	7	108	0.27	S
H1	25/7/2018	Fine	Calm	Mid-Flood	M	3.2	03:13	9.24	8.50	27.68	29.0	1.08	6	109	0.29	S
H1	25/7/2018	Fine	Calm	Mid-Flood	M	3.2	03:13	9.26	8.52	27.63	29.0	1.10	6	108	0.33	S
H1	25/7/2018	Fine	Calm	Mid-Flood	S	1	03:14	9.23	8.48	27.76	28.9	1.14	5	108	0.28	S
H1	25/7/2018	Fine	Calm	Mid-Flood	S	1	03:14	9.23	8.50	27.81	29.0	1.15	6	108	0.38	S
S2	25/7/2018	Fine	Calm	Mid-Flood	B	11.4	03:30	9.05	8.48	27.77	28.9	0.88	6	108	0.22	SW
S2	25/7/2018	Fine	Calm	Mid-Flood	B	11.4	03:30	9.02	8.46	27.77	29.0	0.86	5	108	0.14	SW
S2	25/7/2018	Fine	Calm	Mid-Flood	M	6.2	03:31	9.15	8.50	27.69	29.0	1.14	5	108	0.20	SW
S2	25/7/2018	Fine	Calm	Mid-Flood	M	6.2	03:31	9.30	8.50	27.68	29.0	1.01	4	108	0.28	SW
S2	25/7/2018	Fine	Calm	Mid-Flood	S	1	03:32	9.35	8.50	27.66	29.0	0.99	4	108	0.11	SW
S2	25/7/2018	Fine	Calm	Mid-Flood	S	1	03:32	9.36	8.51	27.62	28.9	0.99	4	109	0.40	SW
B2	25/7/2018	Fine	Calm	Mid-Flood	B	3.2	03:47	9.43	8.51	27.66	29.0	0.89	8	108	0.02	SE

Contract No. EP/SP/66/12  
 Integrated Waste Management Facilities, Phase 1  
 Baseline Water Quality Monitoring Data

Location	Date	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>note 4</small>	SS (mg/L)	Total Alkalinity (mg/L) <small>note 2</small>	Current Velocity (m/s) <small>note 2</small>	Current Direction (NSWE) <small>note 2</small>
B2	25/7/2018	Fine	Calm	Mid-Flood	B	3.2	03:47	9.46	8.49	27.57	29.0	0.90	9	108	0.02	SE
B2	25/7/2018	Fine	Calm	Mid-Flood	S	1	03:48	9.41	8.50	27.70	29.0	1.03	8	108	0.18	SE
B2	25/7/2018	Fine	Calm	Mid-Flood	S	1	03:48	9.41	8.51	27.72	28.9	1.05	6	108	0.18	SE
S1	25/7/2018	Fine	Calm	Mid-Flood	B	4.1	03:56	9.36	8.49	27.74	28.9	1.01	6	107	0.10	S
S1	25/7/2018	Fine	Calm	Mid-Flood	B	4.1	03:56	9.34	8.51	27.65	28.9	0.98	5	108	0.11	S
S1	25/7/2018	Fine	Calm	Mid-Flood	S	1	03:57	9.34	8.50	27.69	29.0	1.07	5	109	0.12	S
S1	25/7/2018	Fine	Calm	Mid-Flood	S	1	03:57	9.31	8.53	27.68	29.1	1.08	4	108	0.22	S
B1	25/7/2018	Fine	Calm	Mid-Flood	B	4.2	04:06	9.38	8.50	27.69	29.0	1.07	6	107	0.23	SE
B1	25/7/2018	Fine	Calm	Mid-Flood	B	4.2	04:06	9.40	8.47	27.79	29.1	1.10	6	107	0.23	SE
B1	25/7/2018	Fine	Calm	Mid-Flood	S	1	04:07	9.40	8.51	27.68	29.0	1.14	6	107	0.16	SE
B1	25/7/2018	Fine	Calm	Mid-Flood	S	1	04:07	9.38	8.51	27.59	28.9	1.15	6	106	0.16	SE
C1	25/7/2018	Fine	Calm	Mid-Flood	B	10	04:17	9.42	8.51	27.68	29.0	1.21	4	109	0.64	SW
C1	25/7/2018	Fine	Calm	Mid-Flood	B	10	04:17	9.45	8.53	27.65	29.0	1.20	4	108	0.64	SW
C1	25/7/2018	Fine	Calm	Mid-Flood	M	5.5	04:18	9.39	8.50	27.67	29.0	1.21	4	108	0.65	SW
C1	25/7/2018	Fine	Calm	Mid-Flood	M	5.5	04:18	9.39	8.51	27.60	29.0	1.19	3	107	0.65	SW
C1	25/7/2018	Fine	Calm	Mid-Flood	S	1	04:19	9.39	8.50	27.67	29.0	0.98	2	108	0.97	SW
C1	25/7/2018	Fine	Calm	Mid-Flood	S	1	04:19	9.42	8.47	27.76	28.9	0.97	4	108	0.97	SW
M1	25/7/2018	Fine	Calm	Mid-Flood	B	7.7	04:37	9.35	8.50	27.70	28.9	1.19	8	106	0.20	S
M1	25/7/2018	Fine	Calm	Mid-Flood	B	7.7	04:37	9.35	8.49	27.72	29.0	1.16	7	106	0.20	S

Contract No. EP/SP/66/12  
 Integrated Waste Management Facilities, Phase 1  
 Baseline Water Quality Monitoring Data

Location	Date	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>note 4</small>	SS (mg/L)	Total Alkalinity (mg/L) <small>note 2</small>	Current Velocity (m/s) <small>note 2</small>	Current Direction (NSWE) <small>note 2</small>
M1	25/7/2018	Fine	Calm	Mid-Flood	M	4.35	04:38	9.34	8.50	27.71	28.9	1.07	6	107	0.05	S
M1	25/7/2018	Fine	Calm	Mid-Flood	M	4.35	04:38	9.33	8.50	27.69	28.9	1.06	6	107	0.05	S
M1	25/7/2018	Fine	Calm	Mid-Flood	S	1	04:39	9.18	8.48	27.78	28.9	0.97	5	106	0.16	S
M1	25/7/2018	Fine	Calm	Mid-Flood	S	1	04:39	9.19	8.47	27.85	28.9	0.97	5	106	0.16	S
F1	25/7/2018	Fine	Calm	Mid-Flood	B	5.8	05:00	9.12	8.49	27.73	28.9	1.14	7	108	0.09	SW
F1	25/7/2018	Fine	Calm	Mid-Flood	B	5.8	05:00	9.14	8.48	27.68	29.0	1.13	6	108	0.08	SW
F1	25/7/2018	Fine	Calm	Mid-Flood	M	3.4	05:01	9.30	8.50	27.69	28.9	1.08	6	107	0.03	SW
F1	25/7/2018	Fine	Calm	Mid-Flood	M	3.4	05:01	9.28	8.47	27.65	28.9	1.08	6	107	0.05	SW
F1	25/7/2018	Fine	Calm	Mid-Flood	S	1	05:02	9.38	8.51	27.69	28.9	0.90	6	108	0.01	SW
F1	25/7/2018	Fine	Calm	Mid-Flood	S	1	05:02	9.39	8.52	27.59	29.0	0.90	4	108	0.22	SW
C1	25/7/2018	Fine	Calm	Mid-Ebb	B	9.7	09:44	9.43	8.51	27.68	28.9	1.06	9	108	0.25	NE
C1	25/7/2018	Fine	Calm	Mid-Ebb	B	9.7	09:44	9.41	8.49	27.71	28.8	1.05	8	108	0.42	NE
C1	25/7/2018	Fine	Calm	Mid-Ebb	M	5.35	09:45	9.40	8.49	27.74	28.9	0.92	8	108	0.57	E
C1	25/7/2018	Fine	Calm	Mid-Ebb	M	5.35	09:45	9.38	8.46	27.67	29.0	0.90	7	108	0.28	E
C1	25/7/2018	Fine	Calm	Mid-Ebb	S	1	09:46	9.11	8.46	27.80	28.9	1.11	6	108	0.41	E
C1	25/7/2018	Fine	Calm	Mid-Ebb	S	1	09:46	9.13	8.49	27.80	28.9	1.10	5	108	0.35	E
B1	25/7/2018	Fine	Calm	Mid-Ebb	B	4	10:01	9.24	8.50	27.73	28.9	1.15	8	109	0.19	SE
B1	25/7/2018	Fine	Calm	Mid-Ebb	B	4	10:01	9.24	8.49	27.66	28.9	1.13	6	108	0.20	SE
B1	25/7/2018	Fine	Calm	Mid-Ebb	S	1	10:02	9.23	8.48	27.79	28.9	1.00	4	105	0.12	S



Contract No. EP/SP/66/12  
Integrated Waste Management Facilities, Phase 1  
Baseline Water Quality Monitoring Data

Location	Date	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>note 4</small>	SS (mg/L)	Total Alkalinity (mg/L) <small>note 2</small>	Current Velocity (m/s) <small>note 2</small>	Current Direction (NSWE) <small>note 2</small>
B1	25/7/2018	Fine	Calm	Mid-Ebb	S	1	10:02	9.20	8.45	27.79	28.9	1.01	4	105	0.18	S
S1	25/7/2018	Fine	Calm	Mid-Ebb	B	3.7	10:11	9.15	8.48	27.78	28.9	1.25	5	107	0.14	SE
S1	25/7/2018	Fine	Calm	Mid-Ebb	B	3.7	10:11	9.16	8.45	27.86	28.9	1.27	4	108	0.19	S
S1	25/7/2018	Fine	Calm	Mid-Ebb	S	1	10:12	9.13	8.48	27.80	28.9	0.95	4	108	0.58	S
S1	25/7/2018	Fine	Calm	Mid-Ebb	S	1	10:12	9.04	8.46	27.82	28.9	0.97	4	107	0.54	S
B2	25/7/2018	Fine	Calm	Mid-Ebb	B	3	10:21	9.18	8.48	27.76	28.9	0.81	9	108	0.45	S
B2	25/7/2018	Fine	Calm	Mid-Ebb	B	3	10:21	9.17	8.45	27.73	28.9	0.80	9	108	0.21	S
B2	25/7/2018	Fine	Calm	Mid-Ebb	S	1	10:22	9.18	8.48	27.76	28.9	0.77	8	106	0.66	SW
B2	25/7/2018	Fine	Calm	Mid-Ebb	S	1	10:22	9.16	8.48	27.78	28.9	1.11	7	106	0.63	SW
S2	25/7/2018	Fine	Calm	Mid-Ebb	B	7.6	10:33	9.22	8.49	27.75	28.9	0.77	6	108	0.22	SW
S2	25/7/2018	Fine	Calm	Mid-Ebb	B	7.6	10:33	9.24	8.48	27.81	28.9	0.76	5	108	0.40	S
S2	25/7/2018	Fine	Calm	Mid-Ebb	M	4.3	10:34	9.17	8.48	27.76	28.9	0.83	5	108	0.30	SW
S2	25/7/2018	Fine	Calm	Mid-Ebb	M	4.3	10:34	9.17	8.47	27.71	29.0	0.80	4	108	0.37	S
S2	25/7/2018	Fine	Calm	Mid-Ebb	S	1	10:35	9.13	8.48	27.78	28.9	1.32	4	106	0.23	SW
S2	25/7/2018	Fine	Calm	Mid-Ebb	S	1	10:35	9.12	8.51	27.79	28.9	1.29	4	107	0.25	SW
H1	25/7/2018	Fine	Calm	Mid-Ebb	B	5.2	10:50	9.26	8.49	27.74	28.9	0.79	5	107	0.26	SW
H1	25/7/2018	Fine	Calm	Mid-Ebb	B	5.2	10:50	9.28	8.50	27.76	29.0	0.78	5	108	0.39	S
H1	25/7/2018	Fine	Calm	Mid-Ebb	M	3.1	10:51	9.23	8.49	27.76	28.9	0.93	4	108	0.20	S
H1	25/7/2018	Fine	Calm	Mid-Ebb	M	3.1	10:51	9.26	8.50	27.77	29.0	0.91	5	108	0.25	SW

Contract No. EP/SP/66/12  
Integrated Waste Management Facilities, Phase 1  
Baseline Water Quality Monitoring Data

Location	Date	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>note 4</small>	SS (mg/L)	Total Alkalinity (mg/L) <small>note 2</small>	Current Velocity (m/s) <small>note 2</small>	Current Direction (NSWE) <small>note 2</small>
H1	25/7/2018	Fine	Calm	Mid-Ebb	S	1	10:52	9.17	8.48	27.78	28.9	0.80	3	108	0.25	SW
H1	25/7/2018	Fine	Calm	Mid-Ebb	S	1	10:52	9.14	8.46	27.80	28.9	0.79	4	108	0.40	SW
CR2	25/7/2018	Fine	Calm	Mid-Ebb	B	11.4	11:06	9.22	8.49	27.74	28.9	0.94	6	108	0.60	NE
CR2	25/7/2018	Fine	Calm	Mid-Ebb	B	11.4	11:06	9.23	8.52	27.76	29.0	0.96	4	108	0.64	NE
CR2	25/7/2018	Fine	Calm	Mid-Ebb	M	6.2	11:07	9.15	8.48	27.77	28.9	0.79	3	108	0.42	N
CR2	25/7/2018	Fine	Calm	Mid-Ebb	M	6.2	11:07	9.13	8.47	27.85	28.9	0.78	4	108	0.40	N
CR2	25/7/2018	Fine	Calm	Mid-Ebb	S	1	11:08	9.09	8.48	27.77	28.9	0.81	3	108	0.20	N
CR2	25/7/2018	Fine	Calm	Mid-Ebb	S	1	11:08	9.09	8.50	27.71	29.0	0.79	3	108	0.31	N
S3	25/7/2018	Fine	Calm	Mid-Ebb	B	11.2	11:21	9.02	8.47	27.79	28.9	1.17	4	107	0.24	SW
S3	25/7/2018	Fine	Calm	Mid-Ebb	B	11.2	11:21	9.02	8.46	27.84	28.9	1.14	5	107	0.20	SW
S3	25/7/2018	Fine	Calm	Mid-Ebb	M	6.1	11:22	9.00	8.47	27.79	28.9	1.00	3	107	0.19	SW
S3	25/7/2018	Fine	Calm	Mid-Ebb	M	6.1	11:22	9.01	8.47	27.76	28.9	1.01	4	107	0.15	S
S3	25/7/2018	Fine	Calm	Mid-Ebb	S	1	11:23	9.00	8.47	27.77	28.9	0.88	3	108	0.23	SW
S3	25/7/2018	Fine	Calm	Mid-Ebb	S	1	11:23	9.01	8.48	27.83	28.9	0.89	3	107	0.17	SW
CR1	25/7/2018	Fine	Calm	Mid-Ebb	B	4.9	11:38	9.01	8.48	27.74	28.9	1.02	5	108	0.94	NE
CR1	25/7/2018	Fine	Calm	Mid-Ebb	B	4.9	11:38	9.01	8.47	27.65	29.0	1.02	5	108	0.90	E
CR1	25/7/2018	Fine	Calm	Mid-Ebb	M	2.95	11:39	9.01	8.48	27.75	28.9	0.94	4	106	0.66	NE
CR1	25/7/2018	Fine	Calm	Mid-Ebb	M	2.95	11:39	9.00	8.49	27.67	28.9	0.94	4	108	0.92	NE
CR1	25/7/2018	Fine	Calm	Mid-Ebb	S	1	11:40	9.00	8.47	27.77	28.9	1.02	4	107	0.85	NE

Contract No. EP/SP/66/12  
Integrated Waste Management Facilities, Phase 1  
Baseline Water Quality Monitoring Data

Location	Date	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>note 4</small>	SS (mg/L)	Total Alkalinity (mg/L) <small>note 2</small>	Current Velocity (m/s) <small>note 2</small>	Current Direction (NSWE) <small>note 2</small>
CR1	25/7/2018	Fine	Calm	Mid-Ebb	S	1	11:40	9.00	8.47	27.82	29.0	1.00	4	107	0.57	NE
B3	25/7/2018	Fine	Calm	Mid-Ebb	B	3.9	11:56	8.99	8.47	27.77	28.9	1.02	6	110	0.10	SE
B3	25/7/2018	Fine	Calm	Mid-Ebb	B	3.9	11:56	8.98	8.50	27.80	28.8	1.01	7	110	0.12	SE
B3	25/7/2018	Fine	Calm	Mid-Ebb	S	1	11:57	8.99	8.48	27.73	28.9	1.06	5	108	0.04	SE
B3	25/7/2018	Fine	Calm	Mid-Ebb	S	1	11:57	9.02	8.47	27.68	28.8	1.06	4	108	0.67	E
B4	25/7/2018	Fine	Calm	Mid-Ebb	B	3.6	12:01	9.07	8.48	27.72	28.9	0.87	5	107	0.05	NE
B4	25/7/2018	Fine	Calm	Mid-Ebb	B	3.6	12:01	9.08	8.45	27.64	28.9	0.89	4	107	0.01	NE
B4	25/7/2018	Fine	Calm	Mid-Ebb	S	1	12:02	9.05	8.48	27.74	28.9	0.95	4	111	1.58	NE
B4	25/7/2018	Fine	Calm	Mid-Ebb	S	1	12:02	9.08	8.51	27.75	28.9	0.95	4	110	1.49	NE
C2	25/7/2018	Fine	Calm	Mid-Ebb	B	5.8	12:14	9.07	8.48	27.72	28.9	0.92	7	108	0.75	NE
C2	25/7/2018	Fine	Calm	Mid-Ebb	B	5.8	12:14	9.09	8.46	27.77	29.0	0.93	8	108	0.64	NE
C2	25/7/2018	Fine	Calm	Mid-Ebb	M	3.4	12:15	9.05	8.48	27.74	28.9	0.84	8	108	0.50	NE
C2	25/7/2018	Fine	Calm	Mid-Ebb	M	3.4	12:15	9.13	8.49	27.71	28.9	0.99	6	108	1.32	NE
C2	25/7/2018	Fine	Calm	Mid-Ebb	S	1	12:16	9.24	8.50	27.70	28.9	1.05	6	107	0.90	NE
C2	25/7/2018	Fine	Calm	Mid-Ebb	S	1	12:16	9.24	8.50	27.80	29.0	1.07	6	108	0.54	NE
F1	25/7/2018	Fine	Calm	Mid-Ebb	B	5.4	12:36	9.22	8.49	27.71	28.9	1.09	5	107	0.20	NE
F1	25/7/2018	Fine	Calm	Mid-Ebb	B	5.4	12:36	9.23	8.47	27.75	29.0	1.10	7	108	0.80	NE
F1	25/7/2018	Fine	Calm	Mid-Ebb	M	3.2	12:37	9.20	8.49	27.70	28.9	0.77	5	108	0.20	NE
F1	25/7/2018	Fine	Calm	Mid-Ebb	M	3.2	12:37	9.22	8.50	27.79	29.0	0.80	6	109	0.15	NE

Contract No. EP/SP/66/12  
Integrated Waste Management Facilities, Phase 1  
Baseline Water Quality Monitoring Data

Location	Date	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>note 4</small>	SS (mg/L)	Total Alkalinity (mg/L) <small>note 2</small>	Current Velocity (m/s) <small>note 2</small>	Current Direction (NSWE) <small>note 2</small>
F1	25/7/2018	Fine	Calm	Mid-Ebb	S	1	12:38	9.17	8.49	27.71	28.9	0.85	4	108	0.01	NE
F1	25/7/2018	Fine	Calm	Mid-Ebb	S	1	12:38	9.20	8.47	27.81	28.9	0.88	4	108	1.19	NE
M1	25/7/2018	Fine	Calm	Mid-Ebb	B	7.5	12:58	9.28	8.50	27.71	28.9	0.90	5	108	1.35	E
M1	25/7/2018	Fine	Calm	Mid-Ebb	B	7.5	12:58	9.27	8.50	27.79	28.9	0.88	6	109	0.95	E
M1	25/7/2018	Fine	Calm	Mid-Ebb	M	4.25	12:59	9.24	8.49	27.71	28.9	0.98	4	108	0.96	E
M1	25/7/2018	Fine	Calm	Mid-Ebb	M	4.25	12:59	9.11	8.48	27.74	28.9	0.89	5	107	0.16	E
M1	25/7/2018	Fine	Calm	Mid-Ebb	S	1	13:00	9.06	8.49	27.71	28.9	1.18	4	108	0.36	E
M1	25/7/2018	Fine	Calm	Mid-Ebb	S	1	13:00	9.04	8.50	27.76	28.8	1.19	4	108	0.60	NE
C2	27/7/2018	Cloudy	Slight	Mid-Flood	B	6.1	03:14	10.09	8.44	27.00	31.1	1.19	6	106	0.24	SE
C2	27/7/2018	Cloudy	Slight	Mid-Flood	B	6.1	03:14	10.07	8.44	27.06	31.0	1.22	6	104	0.24	SE
C2	27/7/2018	Cloudy	Slight	Mid-Flood	M	3.55	03:15	10.03	8.43	26.95	30.9	1.48	4	105	0.20	SE
C2	27/7/2018	Cloudy	Slight	Mid-Flood	M	3.55	03:15	10.01	8.41	26.92	30.9	1.50	6	105	0.20	SE
C2	27/7/2018	Cloudy	Slight	Mid-Flood	S	1	03:16	10.00	8.43	26.98	31.0	1.20	5	106	0.18	SE
C2	27/7/2018	Cloudy	Slight	Mid-Flood	S	1	03:16	10.03	8.45	27.00	31.1	1.20	3	106	0.18	SE
B4	27/7/2018	Cloudy	Slight	Mid-Flood	B	3.9	03:31	9.97	8.43	26.95	30.9	1.41	8	105	0.06	SW
B4	27/7/2018	Cloudy	Slight	Mid-Flood	B	3.9	03:31	9.97	8.45	27.03	30.9	1.38	3	105	0.06	SW
B4	27/7/2018	Cloudy	Slight	Mid-Flood	S	1	03:32	9.99	8.41	26.86	30.6	1.11	4	106	0.19	SW
B4	27/7/2018	Cloudy	Slight	Mid-Flood	S	1	03:32	9.96	8.41	26.91	30.6	1.12	6	106	0.19	SW
B3	27/7/2018	Cloudy	Slight	Mid-Flood	B	4.4	03:40	10.01	8.42	26.86	30.6	1.22	5	106	0.08	S

Contract No. EP/SP/66/12  
Integrated Waste Management Facilities, Phase 1  
Baseline Water Quality Monitoring Data

Location	Date	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>note 4</small>	SS (mg/L)	Total Alkalinity (mg/L) <small>note 2</small>	Current Velocity (m/s) <small>note 2</small>	Current Direction (NSWE) <small>note 2</small>
B3	27/7/2018	Cloudy	Slight	Mid-Flood	B	4.4	03:40	9.99	8.43	26.94	30.6	1.19	4	106	0.08	S
B3	27/7/2018	Cloudy	Slight	Mid-Flood	S	1	03:41	10.00	8.42	26.86	30.6	1.25	5	105	0.18	S
B3	27/7/2018	Cloudy	Slight	Mid-Flood	S	1	03:41	9.99	8.42	26.84	30.6	1.25	3	105	0.18	S
CR1	27/7/2018	Cloudy	Slight	Mid-Flood	B	15.2	03:53	10.04	8.42	26.85	30.6	1.38	7	107	0.16	SE
CR1	27/7/2018	Cloudy	Slight	Mid-Flood	B	15.2	03:53	10.08	8.42	26.84	30.6	1.31	5	108	0.11	SE
CR1	27/7/2018	Cloudy	Slight	Mid-Flood	S	1	03:54	10.09	8.42	26.85	30.7	1.33	5	107	0.27	SE
CR1	27/7/2018	Cloudy	Slight	Mid-Flood	M	8.1	03:54	10.10	8.42	26.85	30.6	1.94	5	106	0.17	SE
CR1	27/7/2018	Cloudy	Slight	Mid-Flood	M	8.1	03:54	10.09	8.44	26.86	30.6	1.95	6	106	0.43	SE
CR1	27/7/2018	Cloudy	Slight	Mid-Flood	S	1	03:55	10.11	8.42	26.85	30.7	1.32	5	106	0.35	SE
S3	27/7/2018	Cloudy	Slight	Mid-Flood	B	11.3	04:08	10.13	8.42	26.85	30.7	1.67	8	104	0.31	SW
S3	27/7/2018	Cloudy	Slight	Mid-Flood	B	11.3	04:08	10.14	8.41	26.84	30.7	1.66	6	108	0.27	S
S3	27/7/2018	Cloudy	Slight	Mid-Flood	M	6.15	04:09	10.10	8.42	26.85	30.7	1.26	6	106	0.46	S
S3	27/7/2018	Cloudy	Slight	Mid-Flood	M	6.15	04:09	10.08	8.43	26.79	30.8	1.23	5	108	0.11	SW
S3	27/7/2018	Cloudy	Slight	Mid-Flood	S	1	04:10	10.11	8.42	26.85	30.6	1.26	6	105	0.28	SW
S3	27/7/2018	Cloudy	Slight	Mid-Flood	S	1	04:10	10.12	8.41	26.76	30.6	1.25	5	107	0.31	SW
CR2	27/7/2018	Cloudy	Slight	Mid-Flood	B	11.8	04:26	10.02	8.42	26.80	30.7	1.57	6	106	0.16	S
CR2	27/7/2018	Cloudy	Slight	Mid-Flood	B	11.8	04:26	10.01	8.39	26.89	30.7	1.57	6	107	0.20	S
CR2	27/7/2018	Cloudy	Slight	Mid-Flood	M	6.4	04:27	9.84	8.42	26.86	30.7	1.74	6	106	0.20	S
CR2	27/7/2018	Cloudy	Slight	Mid-Flood	M	6.4	04:27	9.86	8.43	26.93	30.6	1.72	6	106	0.35	S

Contract No. EP/SP/66/12  
 Integrated Waste Management Facilities, Phase 1  
 Baseline Water Quality Monitoring Data

Location	Date	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>note 4</small>	SS (mg/L)	Total Alkalinity (mg/L) <small>note 2</small>	Current Velocity (m/s) <small>note 2</small>	Current Direction (NSWE) <small>note 2</small>
CR2	27/7/2018	Cloudy	Slight	Mid-Flood	S	1	04:28	10.02	8.42	26.85	30.6	1.30	4	107	0.12	S
CR2	27/7/2018	Cloudy	Slight	Mid-Flood	S	1	04:28	10.04	8.41	26.92	30.6	1.32	4	108	0.43	S
H1	27/7/2018	Cloudy	Slight	Mid-Flood	B	5.6	04:43	10.07	8.43	26.92	30.8	1.55	5	105	0.33	SE
H1	27/7/2018	Cloudy	Slight	Mid-Flood	B	5.6	04:43	10.05	8.45	26.92	30.9	1.58	4	106	0.19	S
H1	27/7/2018	Cloudy	Slight	Mid-Flood	M	3.3	04:44	10.07	8.43	26.94	30.8	1.11	5	105	0.24	S
H1	27/7/2018	Cloudy	Slight	Mid-Flood	M	3.3	04:44	10.10	8.41	26.91	30.8	1.09	4	106	0.11	S
H1	27/7/2018	Cloudy	Slight	Mid-Flood	S	1	04:45	10.08	8.44	26.95	30.9	1.27	3	105	0.13	S
H1	27/7/2018	Cloudy	Slight	Mid-Flood	S	1	04:45	10.06	8.44	26.96	31.0	1.33	3	106	0.34	S
S2	27/7/2018	Cloudy	Slight	Mid-Flood	B	8.1	05:01	10.08	8.44	26.95	31.0	1.38	7	106	0.24	E
S2	27/7/2018	Cloudy	Slight	Mid-Flood	B	8.1	05:01	10.07	8.46	26.98	31.1	1.39	6	105	0.16	E
S2	27/7/2018	Cloudy	Slight	Mid-Flood	M	4.55	05:02	10.09	8.44	26.96	31.0	1.28	5	105	0.03	E
S2	27/7/2018	Cloudy	Slight	Mid-Flood	M	4.55	05:02	10.06	8.43	26.96	30.9	1.31	6	105	0.28	SE
S2	27/7/2018	Cloudy	Slight	Mid-Flood	S	1	05:03	10.08	8.44	26.96	31.0	1.09	5	106	0.03	E
S2	27/7/2018	Cloudy	Slight	Mid-Flood	S	1	05:03	10.09	8.44	26.97	31.1	1.12	4	106	0.18	E
B2	27/7/2018	Cloudy	Slight	Mid-Flood	B	3.4	05:18	10.07	8.44	26.95	31.0	1.37	5	107	0.04	S
B2	27/7/2018	Cloudy	Slight	Mid-Flood	B	3.4	05:18	10.08	8.41	26.87	30.9	1.38	4	106	0.04	S
B2	27/7/2018	Cloudy	Slight	Mid-Flood	S	1	05:19	10.08	8.43	26.92	30.8	1.53	3	104	0.04	S
B2	27/7/2018	Cloudy	Slight	Mid-Flood	S	1	05:19	10.10	8.45	26.93	30.8	1.55	3	104	0.04	S
S1	27/7/2018	Cloudy	Slight	Mid-Flood	B	4.2	05:28	10.06	8.43	26.93	30.8	1.30	5	106	0.15	SW

Contract No. EP/SP/66/12  
 Integrated Waste Management Facilities, Phase 1  
 Baseline Water Quality Monitoring Data

Location	Date	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>note 4</small>	SS (mg/L)	Total Alkalinity (mg/L) <small>note 2</small>	Current Velocity (m/s) <small>note 2</small>	Current Direction (NSWE) <small>note 2</small>
S1	27/7/2018	Cloudy	Slight	Mid-Flood	B	4.2	05:28	10.05	8.41	26.97	30.9	1.30	6	106	0.22	SW
S1	27/7/2018	Cloudy	Slight	Mid-Flood	S	1	05:29	10.10	8.43	26.93	30.9	1.72	4	105	0.28	SW
S1	27/7/2018	Cloudy	Slight	Mid-Flood	S	1	05:29	10.10	8.44	26.96	30.9	1.69	5	106	0.27	SW
B1	27/7/2018	Cloudy	Slight	Mid-Flood	B	4.4	05:40	10.10	8.43	26.86	30.7	1.78	5	105	0.18	S
B1	27/7/2018	Cloudy	Slight	Mid-Flood	B	4.4	05:40	10.09	8.42	26.86	30.7	1.76	3	104	0.18	S
B1	27/7/2018	Cloudy	Slight	Mid-Flood	S	1	05:41	10.14	8.43	26.86	30.7	1.45	3	107	0.35	S
B1	27/7/2018	Cloudy	Slight	Mid-Flood	S	1	05:41	10.15	8.44	26.80	30.7	1.46	3	106	0.35	S
C1	27/7/2018	Cloudy	Slight	Mid-Flood	B	10.2	05:51	10.14	8.43	26.85	30.7	1.42	4	106	0.22	SE
C1	27/7/2018	Cloudy	Slight	Mid-Flood	B	10.2	05:51	10.13	8.46	26.92	30.8	1.42	6	107	0.22	SE
C1	27/7/2018	Cloudy	Slight	Mid-Flood	M	5.6	05:52	10.16	8.43	26.85	30.7	1.47	4	107	0.02	E
C1	27/7/2018	Cloudy	Slight	Mid-Flood	M	5.6	05:52	10.17	8.40	26.75	30.6	1.44	5	106	0.02	SE
C1	27/7/2018	Cloudy	Slight	Mid-Flood	S	1	05:53	10.16	8.43	26.84	30.7	1.07	4	105	0.13	SE
C1	27/7/2018	Cloudy	Slight	Mid-Flood	S	1	05:53	10.17	8.41	26.86	30.6	1.05	4	106	0.13	SE
M1	27/7/2018	Cloudy	Slight	Mid-Flood	B	7.9	06:14	10.20	8.43	26.84	30.7	1.16	6	107	0.27	SE
M1	27/7/2018	Cloudy	Slight	Mid-Flood	B	7.9	06:14	10.18	8.43	26.78	30.7	1.14	6	107	0.27	SE
M1	27/7/2018	Cloudy	Slight	Mid-Flood	M	4.45	06:15	10.21	8.43	26.85	30.7	1.44	5	107	0.21	SE
M1	27/7/2018	Cloudy	Slight	Mid-Flood	M	4.45	06:15	10.19	8.43	26.84	30.7	1.10	4	107	0.21	SE
M1	27/7/2018	Cloudy	Slight	Mid-Flood	S	1	06:16	10.20	8.43	26.84	30.7	1.30	4	106	0.32	SE
M1	27/7/2018	Cloudy	Slight	Mid-Flood	S	1	06:16	10.20	8.46	26.87	30.7	1.28	4	107	0.32	SE

Contract No. EP/SP/66/12  
 Integrated Waste Management Facilities, Phase 1  
 Baseline Water Quality Monitoring Data

Location	Date	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>note 4</small>	SS (mg/L)	Total Alkalinity (mg/L) <small>note 2</small>	Current Velocity (m/s) <small>note 2</small>	Current Direction (NSWE) <small>note 2</small>
F1	27/7/2018	Cloudy	Slight	Mid-Flood	B	8	06:32	10.24	8.43	26.84	30.7	1.11	10	105	0.21	SE
F1	27/7/2018	Cloudy	Slight	Mid-Flood	B	8	06:32	10.24	8.45	26.78	30.6	1.11	8	105	0.15	SE
F1	27/7/2018	Cloudy	Slight	Mid-Flood	M	4.5	06:33	10.24	8.43	26.83	30.7	1.37	6	106	0.19	SE
F1	27/7/2018	Cloudy	Slight	Mid-Flood	M	4.5	06:33	10.23	8.42	26.87	30.6	1.36	7	105	0.12	SE
F1	27/7/2018	Cloudy	Slight	Mid-Flood	S	1	06:34	10.23	8.43	26.84	30.7	1.18	6	105	0.23	SE
F1	27/7/2018	Cloudy	Slight	Mid-Flood	S	1	06:34	10.25	8.45	26.93	30.7	1.18	6	105	0.25	SE
C1	27/7/2018	Sunny	Moderate	Mid-Ebb	B	9.9	10:44	10.25	8.43	26.83	30.7	1.80	6	106	0.19	NE
C1	27/7/2018	Sunny	Moderate	Mid-Ebb	B	9.9	10:44	10.24	8.41	26.78	30.6	1.81	7	106	0.41	NE
C1	27/7/2018	Sunny	Moderate	Mid-Ebb	M	5.45	10:45	10.26	8.44	26.83	30.7	1.54	6	106	0.50	E
C1	27/7/2018	Sunny	Moderate	Mid-Ebb	M	5.45	10:45	10.27	8.41	26.88	30.6	1.54	6	106	0.28	E
C1	27/7/2018	Sunny	Moderate	Mid-Ebb	S	1	10:46	10.29	8.44	26.81	30.7	1.56	4	106	0.40	E
C1	27/7/2018	Sunny	Moderate	Mid-Ebb	S	1	10:46	10.26	8.43	26.76	30.6	1.58	5	106	0.34	E
B1	27/7/2018	Sunny	Moderate	Mid-Ebb	B	4.2	11:03	10.27	8.44	26.82	30.7	1.13	7	106	0.25	S
B1	27/7/2018	Sunny	Moderate	Mid-Ebb	B	4.2	11:04	10.28	8.44	26.82	30.7	1.15	5	104	0.16	SE
B1	27/7/2018	Sunny	Moderate	Mid-Ebb	S	1	11:04	10.26	8.43	26.82	30.7	1.60	5	107	0.16	S
B1	27/7/2018	Sunny	Moderate	Mid-Ebb	S	1	11:04	10.26	8.43	26.78	30.7	1.58	4	106	0.15	S
S1	27/7/2018	Sunny	Moderate	Mid-Ebb	B	4	11:13	10.23	8.44	26.82	30.7	1.40	6	107	0.17	SE
S1	27/7/2018	Sunny	Moderate	Mid-Ebb	B	4	11:13	10.22	8.46	26.74	30.7	1.38	7	107	0.14	S
S1	27/7/2018	Sunny	Moderate	Mid-Ebb	S	1	11:14	10.27	8.44	26.81	30.7	1.31	6	106	0.55	S



Contract No. EP/SP/66/12  
 Integrated Waste Management Facilities, Phase 1  
 Baseline Water Quality Monitoring Data

Location	Date	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>note 4</small>	SS (mg/L)	Total Alkalinity (mg/L) <small>note 2</small>	Current Velocity (m/s) <small>note 2</small>	Current Direction (NSWE) <small>note 2</small>
S1	27/7/2018	Sunny	Moderate	Mid-Ebb	S	1	11:14	10.28	8.45	26.72	30.7	1.32	5	106	0.59	S
B2	27/7/2018	Sunny	Moderate	Mid-Ebb	B	3.2	11:25	10.28	8.44	26.82	30.7	1.25	6	106	0.52	S
B2	27/7/2018	Sunny	Moderate	Mid-Ebb	B	3.2	11:25	10.31	8.45	26.90	30.8	1.26	5	106	0.28	SW
B2	27/7/2018	Sunny	Moderate	Mid-Ebb	S	1	11:26	10.28	8.44	26.81	30.7	1.17	6	106	0.68	S
B2	27/7/2018	Sunny	Moderate	Mid-Ebb	S	1	11:26	10.27	8.44	26.77	30.6	1.19	5	106	0.61	SW
S2	27/7/2018	Sunny	Moderate	Mid-Ebb	B	7.7	11:38	10.32	8.44	26.80	30.7	1.42	6	107	0.27	SW
S2	27/7/2018	Sunny	Moderate	Mid-Ebb	B	7.7	11:38	10.31	8.45	26.73	30.7	1.44	5	107	0.39	S
S2	27/7/2018	Sunny	Moderate	Mid-Ebb	M	4.35	11:39	10.33	8.44	26.79	30.7	1.12	5	107	0.28	SW
S2	27/7/2018	Sunny	Moderate	Mid-Ebb	M	4.35	11:39	10.38	8.44	26.74	30.5	1.76	3	107	0.41	S
S2	27/7/2018	Sunny	Moderate	Mid-Ebb	S	1	11:40	10.40	8.44	26.76	30.6	1.24	3	106	0.18	SW
S2	27/7/2018	Sunny	Moderate	Mid-Ebb	S	1	11:40	10.42	8.43	26.72	30.2	1.62	5	107	0.17	SW
H1	27/7/2018	Sunny	Moderate	Mid-Ebb	B	5.4	11:57	10.35	8.44	26.79	30.7	0.97	7	106	0.31	SW
H1	27/7/2018	Sunny	Moderate	Mid-Ebb	B	5.4	11:57	10.38	8.47	26.78	30.7	0.97	8	107	0.35	S
H1	27/7/2018	Sunny	Moderate	Mid-Ebb	M	3.2	11:58	10.36	8.44	26.79	30.7	1.55	7	107	0.19	S
H1	27/7/2018	Sunny	Moderate	Mid-Ebb	M	3.2	11:58	10.36	8.45	26.80	30.8	1.55	6	107	0.18	SW
H1	27/7/2018	Sunny	Moderate	Mid-Ebb	S	1	11:59	10.35	8.44	26.77	30.7	1.30	6	106	0.31	SW
H1	27/7/2018	Sunny	Moderate	Mid-Ebb	S	1	11:59	10.33	8.41	26.82	30.7	1.32	6	106	0.40	S
CR2	27/7/2018	Sunny	Moderate	Mid-Ebb	B	11.2	12:13	10.37	8.44	26.79	30.7	1.13	5	106	0.58	NE
CR2	27/7/2018	Sunny	Moderate	Mid-Ebb	B	11.2	12:13	10.36	8.44	26.77	30.8	1.12	6	107	0.66	NE

Contract No. EP/SP/66/12  
 Integrated Waste Management Facilities, Phase 1  
 Baseline Water Quality Monitoring Data

Location	Date	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>note 4</small>	SS (mg/L)	Total Alkalinity (mg/L) <small>note 2</small>	Current Velocity (m/s) <small>note 2</small>	Current Direction (NSWE) <small>note 2</small>
CR2	27/7/2018	Sunny	Moderate	Mid-Ebb	M	6.1	12:14	10.36	8.44	26.78	30.7	1.41	3	106	0.46	N
CR2	27/7/2018	Sunny	Moderate	Mid-Ebb	M	6.1	12:14	10.36	8.42	26.68	30.8	1.42	5	107	0.39	N
CR2	27/7/2018	Sunny	Moderate	Mid-Ebb	S	1	12:15	10.39	8.44	26.74	30.6	1.18	3	107	0.23	N
CR2	27/7/2018	Sunny	Moderate	Mid-Ebb	S	1	12:15	10.39	8.45	26.77	30.5	1.15	3	107	0.29	NE
S3	27/7/2018	Sunny	Moderate	Mid-Ebb	B	10.9	12:29	10.39	8.44	26.77	30.7	1.45	8	107	0.28	SW
S3	27/7/2018	Sunny	Moderate	Mid-Ebb	B	10.9	12:29	10.42	8.42	26.75	30.7	1.47	8	107	0.23	SW
S3	27/7/2018	Sunny	Moderate	Mid-Ebb	M	5.95	12:30	10.40	8.44	26.77	30.7	1.18	7	106	0.17	SW
S3	27/7/2018	Sunny	Moderate	Mid-Ebb	M	5.95	12:30	10.39	8.46	26.80	30.7	1.18	7	108	0.16	S
S3	27/7/2018	Sunny	Moderate	Mid-Ebb	S	1	12:31	10.47	8.43	26.71	30.2	1.28	6	107	0.30	SW
S3	27/7/2018	Sunny	Moderate	Mid-Ebb	S	1	12:31	10.48	8.40	26.80	30.2	1.29	6	106	0.16	S
CR1	27/7/2018	Sunny	Moderate	Mid-Ebb	B	14.8	12:46	10.39	8.44	26.77	30.7	1.13	5	107	0.98	NE
CR1	27/7/2018	Sunny	Moderate	Mid-Ebb	B	14.8	12:46	10.36	8.42	26.85	30.8	1.11	5	107	0.88	E
CR1	27/7/2018	Sunny	Moderate	Mid-Ebb	M	7.9	12:47	10.39	8.44	26.76	30.7	1.60	5	108	0.62	NE
CR1	27/7/2018	Sunny	Moderate	Mid-Ebb	M	7.9	12:47	10.40	8.44	26.73	30.7	1.23	5	106	0.96	NE
CR1	27/7/2018	Sunny	Moderate	Mid-Ebb	S	1	12:48	10.36	8.42	26.73	30.1	1.58	5	107	0.82	NE
CR1	27/7/2018	Sunny	Moderate	Mid-Ebb	S	1	12:48	10.37	8.42	26.81	30.2	1.59	4	107	0.60	NE
B3	27/7/2018	Sunny	Moderate	Mid-Ebb	B	4.2	13:04	10.44	8.44	26.73	30.7	1.22	6	106	0.13	SE
B3	27/7/2018	Sunny	Moderate	Mid-Ebb	B	4.2	13:05	10.44	8.44	26.70	30.6	1.25	5	106	0.07	SE
B3	27/7/2018	Sunny	Moderate	Mid-Ebb	S	1	13:05	10.54	8.43	26.72	30.1	1.32	6	107	0.07	SE

Contract No. EP/SP/66/12  
 Integrated Waste Management Facilities, Phase 1  
 Baseline Water Quality Monitoring Data

Location	Date	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>note 4</small>	SS (mg/L)	Total Alkalinity (mg/L) <small>note 2</small>	Current Velocity (m/s) <small>note 2</small>	Current Direction (NSWE) <small>note 2</small>
B3	27/7/2018	Sunny	Moderate	Mid-Ebb	S	1	13:05	10.52	8.44	26.71	30.0	1.30	4	107	0.66	E
B4	27/7/2018	Sunny	Moderate	Mid-Ebb	B	3.8	13:15	10.50	8.45	26.73	30.8	1.18	6	106	0.04	NE
B4	27/7/2018	Sunny	Moderate	Mid-Ebb	B	3.8	13:15	10.52	8.44	26.74	30.8	1.20	7	107	0.05	NE
B4	27/7/2018	Sunny	Moderate	Mid-Ebb	S	1	13:16	10.50	8.45	26.72	30.7	1.51	7	107	1.52	NE
B4	27/7/2018	Sunny	Moderate	Mid-Ebb	S	1	13:16	10.52	8.43	26.64	30.6	1.52	5	106	1.48	NE
C2	27/7/2018	Sunny	Moderate	Mid-Ebb	B	5.9	13:27	10.58	8.45	26.71	30.6	1.41	8	107	0.78	NE
C2	27/7/2018	Sunny	Moderate	Mid-Ebb	B	5.9	13:27	10.58	8.45	26.77	30.6	1.42	6	106	0.63	NE
C2	27/7/2018	Sunny	Moderate	Mid-Ebb	M	3.45	13:28	10.63	8.45	26.68	30.6	1.27	6	107	0.47	NE
C2	27/7/2018	Sunny	Moderate	Mid-Ebb	M	3.45	13:28	10.61	8.45	26.70	30.5	1.25	7	105	1.26	NE
C2	27/7/2018	Sunny	Moderate	Mid-Ebb	S	1	13:29	10.70	8.45	26.70	30.2	1.44	5	105	0.93	NE
C2	27/7/2018	Sunny	Moderate	Mid-Ebb	S	1	13:29	10.67	8.43	26.73	30.1	1.45	5	106	0.47	NE
F1	27/7/2018	Sunny	Moderate	Mid-Ebb	B	5.7	13:48	10.66	8.45	26.68	30.7	1.19	9	106	0.20	NE
F1	27/7/2018	Sunny	Moderate	Mid-Ebb	B	5.7	13:48	10.64	8.44	26.71	30.7	1.16	9	105	0.78	NE
F1	27/7/2018	Sunny	Moderate	Mid-Ebb	M	3.35	13:49	10.66	8.45	26.69	30.7	1.36	8	107	0.19	NE
F1	27/7/2018	Sunny	Moderate	Mid-Ebb	M	3.35	13:49	10.65	8.44	26.76	30.7	1.38	9	105	0.20	NE
F1	27/7/2018	Sunny	Moderate	Mid-Ebb	S	1	13:49	10.71	8.44	26.71	30.1	1.54	7	107	0.02	NE
F1	27/7/2018	Sunny	Moderate	Mid-Ebb	S	1	13:49	10.71	8.41	26.76	30.0	1.57	7	106	1.23	NE
M1	27/7/2018	Sunny	Moderate	Mid-Ebb	B	7.6	14:06	10.73	8.45	26.70	30.7	1.15	8	107	1.39	E
M1	27/7/2018	Sunny	Moderate	Mid-Ebb	B	7.6	14:06	10.71	8.45	26.75	30.7	1.17	10	106	0.93	E

Contract No. EP/SP/66/12  
Integrated Waste Management Facilities, Phase 1  
Baseline Water Quality Monitoring Data

Location	Date	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>note 4</small>	SS (mg/L)	Total Alkalinity (mg/L) <small>note 2</small>	Current Velocity (m/s) <small>note 2</small>	Current Direction (NSWE) <small>note 2</small>
M1	27/7/2018	Sunny	Moderate	Mid-Ebb	M	4.3	14:07	10.69	8.45	26.66	30.6	1.49	7	108	0.96	E
M1	27/7/2018	Sunny	Moderate	Mid-Ebb	M	4.3	14:07	10.74	8.45	26.68	30.7	1.00	5	107	0.22	E
M1	27/7/2018	Sunny	Moderate	Mid-Ebb	S	1	14:08	10.73	8.45	26.68	30.7	1.23	5	107	0.37	E
M1	27/7/2018	Sunny	Moderate	Mid-Ebb	S	1	14:08	10.74	8.44	26.70	30.7	1.21	3	107	0.61	NE
C2	30/7/2018	Fine	Calm	Mid-Flood	B	7.4	05:14	10.73	8.46	26.67	30.7	1.37	6	-	-	-
C2	30/7/2018	Fine	Calm	Mid-Flood	B	7.4	05:14	10.75	8.45	26.60	30.7	1.35	7	-	-	-
C2	30/7/2018	Fine	Calm	Mid-Flood	M	4.2	05:15	10.73	8.46	26.67	30.7	1.30	7	-	-	-
C2	30/7/2018	Fine	Calm	Mid-Flood	M	4.2	05:15	10.74	8.48	26.73	30.7	1.27	6	-	-	-
C2	30/7/2018	Fine	Calm	Mid-Flood	S	1	05:16	10.79	8.46	26.68	30.5	1.22	6	-	-	-
C2	30/7/2018	Fine	Calm	Mid-Flood	S	1	05:16	10.80	8.43	26.72	30.4	1.23	6	-	-	-
M1	30/7/2018	Fine	Calm	Mid-Flood	B	9	05:36	10.75	8.46	26.67	30.8	1.42	7	-	-	-
M1	30/7/2018	Fine	Calm	Mid-Flood	B	9	05:36	10.73	8.45	26.62	30.7	1.41	7	-	-	-
M1	30/7/2018	Fine	Calm	Mid-Flood	M	5	05:37	10.75	8.46	26.68	30.7	1.26	6	-	-	-
M1	30/7/2018	Fine	Calm	Mid-Flood	M	5	05:37	10.73	8.43	26.73	30.6	1.25	5	-	-	-
M1	30/7/2018	Fine	Calm	Mid-Flood	S	1	05:38	10.88	8.46	26.72	30.4	1.55	5	-	-	-
M1	30/7/2018	Fine	Calm	Mid-Flood	S	1	05:38	10.87	8.44	26.81	30.3	1.53	5	-	-	-
F1	30/7/2018	Fine	Calm	Mid-Flood	B	6.8	05:58	10.71	8.46	26.68	30.8	1.20	8	-	-	-
F1	30/7/2018	Fine	Calm	Mid-Flood	B	6.8	05:58	10.71	8.44	26.73	30.8	1.23	7	-	-	-
F1	30/7/2018	Fine	Calm	Mid-Flood	M	3.9	05:59	10.69	8.46	26.68	30.8	1.11	7	-	-	-

Contract No. EP/SP/66/12  
 Integrated Waste Management Facilities, Phase 1  
 Baseline Water Quality Monitoring Data

Location	Date	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>note 4</small>	SS (mg/L)	Total Alkalinity (mg/L) <small>note 2</small>	Current Velocity (m/s) <small>note 2</small>	Current Direction (NSWE) <small>note 2</small>
F1	30/7/2018	Fine	Calm	Mid-Flood	M	3.9	05:59	10.72	8.48	26.70	30.7	1.14	8	-	-	-
F1	30/7/2018	Fine	Calm	Mid-Flood	S	1	05:59	10.81	8.46	26.69	30.5	1.32	7	-	-	-
F1	30/7/2018	Fine	Calm	Mid-Flood	S	1	05:59	10.83	8.46	26.62	30.5	1.34	6	-	-	-
B4	30/7/2018	Fine	Calm	Mid-Flood	B	4	06:16	10.68	8.46	26.68	30.8	1.07	6	-	-	-
B4	30/7/2018	Fine	Calm	Mid-Flood	B	4	06:16	10.66	8.46	26.61	30.9	1.08	7	-	-	-
B4	30/7/2018	Fine	Calm	Mid-Flood	S	1	06:17	10.69	8.46	26.68	30.8	1.18	6	-	-	-
B4	30/7/2018	Fine	Calm	Mid-Flood	S	1	06:17	10.69	8.47	26.67	30.8	1.16	6	-	-	-
B3	30/7/2018	Fine	Calm	Mid-Flood	B	3.6	06:25	10.69	8.46	26.68	30.8	1.10	7	-	-	-
B3	30/7/2018	Fine	Calm	Mid-Flood	B	3.6	06:25	10.68	8.44	26.59	30.9	1.10	6	-	-	-
B3	30/7/2018	Fine	Calm	Mid-Flood	S	1	06:26	10.70	8.46	26.68	30.7	1.26	5	-	-	-
B3	30/7/2018	Fine	Calm	Mid-Flood	S	1	06:26	10.74	8.46	26.68	30.8	1.55	6	-	-	-
CR1	30/7/2018	Fine	Calm	Mid-Flood	B	15.8	06:40	10.73	8.46	26.69	30.8	1.13	7	-	-	-
CR1	30/7/2018	Fine	Calm	Mid-Flood	B	15.8	06:40	10.76	8.46	26.77	30.8	1.15	7	-	-	-
CR1	30/7/2018	Fine	Calm	Mid-Flood	M	8.4	06:41	10.76	8.46	26.68	30.7	1.36	7	-	-	-
CR1	30/7/2018	Fine	Calm	Mid-Flood	M	8.4	06:41	10.74	8.44	26.69	30.6	1.35	7	-	-	-
CR1	30/7/2018	Fine	Calm	Mid-Flood	S	1	06:42	10.75	8.46	26.68	30.8	1.31	6	-	-	-
CR1	30/7/2018	Fine	Calm	Mid-Flood	S	1	06:42	10.76	8.48	26.78	30.8	1.32	6	-	-	-
CR2	30/7/2018	Fine	Calm	Mid-Flood	B	13.2	06:58	10.69	8.46	26.68	30.8	1.42	5	-	-	-
CR2	30/7/2018	Fine	Calm	Mid-Flood	B	13.2	06:58	10.68	8.47	26.63	30.8	1.44	6	-	-	-

Contract No. EP/SP/66/12  
 Integrated Waste Management Facilities, Phase 1  
 Baseline Water Quality Monitoring Data

Location	Date	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>note 4</small>	SS (mg/L)	Total Alkalinity (mg/L) <small>note 2</small>	Current Velocity (m/s) <small>note 2</small>	Current Direction (NSWE) <small>note 2</small>
CR2	30/7/2018	Fine	Calm	Mid-Flood	M	7.1	06:58	10.72	8.46	26.69	30.7	1.52	5	-	-	-
CR2	30/7/2018	Fine	Calm	Mid-Flood	M	7.1	06:59	10.74	8.46	26.70	30.8	1.18	5	-	-	-
CR2	30/7/2018	Fine	Calm	Mid-Flood	S	1	06:59	10.75	8.46	26.68	30.6	1.52	5	-	-	-
CR2	30/7/2018	Fine	Calm	Mid-Flood	S	1	06:59	10.74	8.49	26.77	30.5	1.50	5	-	-	-
H1	30/7/2018	Fine	Calm	Mid-Flood	B	7.2	07:17	10.66	8.46	26.69	30.8	0.91	7	-	-	-
H1	30/7/2018	Fine	Calm	Mid-Flood	B	7.2	07:17	10.67	8.43	26.68	30.8	0.94	7	-	-	-
H1	30/7/2018	Fine	Calm	Mid-Flood	M	4.1	07:18	10.65	8.46	26.69	30.8	1.19	6	-	-	-
H1	30/7/2018	Fine	Calm	Mid-Flood	M	4.1	07:18	10.67	8.46	26.69	30.8	1.29	7	-	-	-
H1	30/7/2018	Fine	Calm	Mid-Flood	S	1	07:19	10.61	8.46	26.69	30.8	1.39	7	-	-	-
H1	30/7/2018	Fine	Calm	Mid-Flood	S	1	07:19	10.59	8.47	26.75	30.8	1.37	6	-	-	-
B2	30/7/2018	Fine	Calm	Mid-Flood	B	3.8	07:42	10.63	8.46	26.69	30.8	1.21	7	-	-	-
B2	30/7/2018	Fine	Calm	Mid-Flood	B	3.8	07:42	10.64	8.46	26.69	30.8	1.43	8	-	-	-
B2	30/7/2018	Fine	Calm	Mid-Flood	S	1	07:43	10.67	8.46	26.69	30.8	1.40	5	-	-	-
B2	30/7/2018	Fine	Calm	Mid-Flood	S	1	07:43	10.69	8.47	26.74	30.9	1.40	6	-	-	-
B1	30/7/2018	Fine	Calm	Mid-Flood	B	4	07:54	10.63	8.46	26.69	30.8	1.07	9	-	-	-
B1	30/7/2018	Fine	Calm	Mid-Flood	B	4	07:55	10.62	8.46	26.69	30.8	1.17	7	-	-	-
B1	30/7/2018	Fine	Calm	Mid-Flood	S	1	07:55	10.64	8.46	26.69	30.8	1.34	8	-	-	-
B1	30/7/2018	Fine	Calm	Mid-Flood	S	1	07:55	10.61	8.44	26.74	30.4	1.56	7	-	-	-
C1	30/7/2018	Fine	Calm	Mid-Flood	B	11.4	08:10	10.64	8.46	26.70	30.8	1.25	7	-	-	-

Contract No. EP/SP/66/12  
 Integrated Waste Management Facilities, Phase 1  
 Baseline Water Quality Monitoring Data

Location	Date	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>note 4</small>	SS (mg/L)	Total Alkalinity (mg/L) <small>note 2</small>	Current Velocity (m/s) <small>note 2</small>	Current Direction (NSWE) <small>note 2</small>
C1	30/7/2018	Fine	Calm	Mid-Flood	B	11.4	08:10	10.67	8.45	26.64	30.8	1.23	8	-	-	-
C1	30/7/2018	Fine	Calm	Mid-Flood	M	6.2	08:11	10.64	8.46	26.69	30.8	1.27	8	-	-	-
C1	30/7/2018	Fine	Calm	Mid-Flood	M	6.2	08:11	10.62	8.44	26.72	30.8	1.27	7	-	-	-
C1	30/7/2018	Fine	Calm	Mid-Flood	S	1	08:12	10.65	8.46	26.71	30.7	1.31	6	-	-	-
C1	30/7/2018	Fine	Calm	Mid-Flood	S	1	08:12	10.67	8.48	26.61	30.8	1.29	7	-	-	-
C1	30/7/2018	Sunny	Slight	Mid-Ebb	B	11.5	12:15	10.69	8.46	26.71	30.7	1.62	9	-	-	-
C1	30/7/2018	Sunny	Slight	Mid-Ebb	B	11.5	12:15	10.72	8.48	26.77	30.8	1.62	8	-	-	-
C1	30/7/2018	Sunny	Slight	Mid-Ebb	M	6.25	12:16	10.72	8.46	26.70	30.8	1.22	9	-	-	-
C1	30/7/2018	Sunny	Slight	Mid-Ebb	M	6.25	12:16	10.73	8.48	26.70	30.9	1.20	10	-	-	-
C1	30/7/2018	Sunny	Slight	Mid-Ebb	S	1	12:17	10.69	8.46	26.69	30.8	1.32	9	-	-	-
C1	30/7/2018	Sunny	Slight	Mid-Ebb	S	1	12:17	10.66	8.43	26.62	30.9	1.31	10	-	-	-
B1	30/7/2018	Sunny	Slight	Mid-Ebb	B	3.9	12:37	10.65	8.46	26.70	30.8	1.15	5	-	-	-
B1	30/7/2018	Sunny	Slight	Mid-Ebb	B	3.9	12:37	10.66	8.46	26.70	30.8	1.16	6	-	-	-
B1	30/7/2018	Sunny	Slight	Mid-Ebb	S	1	12:38	10.68	8.46	26.70	30.7	1.37	4	-	-	-
B1	30/7/2018	Sunny	Slight	Mid-Ebb	S	1	12:38	10.66	8.43	26.73	30.8	1.38	4	-	-	-
B2	30/7/2018	Sunny	Slight	Mid-Ebb	B	3.4	12:50	10.67	8.46	26.69	30.8	1.27	5	-	-	-
B2	30/7/2018	Sunny	Slight	Mid-Ebb	B	3.4	12:50	10.67	8.46	26.69	30.8	0.94	5	-	-	-
B2	30/7/2018	Sunny	Slight	Mid-Ebb	S	1	12:51	10.69	8.46	26.70	30.8	1.57	4	-	-	-
B2	30/7/2018	Sunny	Slight	Mid-Ebb	S	1	12:51	10.67	8.47	26.61	30.7	1.60	5	-	-	-

Contract No. EP/SP/66/12  
 Integrated Waste Management Facilities, Phase 1  
 Baseline Water Quality Monitoring Data

Location	Date	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>note 4</small>	SS (mg/L)	Total Alkalinity (mg/L) <small>note 2</small>	Current Velocity (m/s) <small>note 2</small>	Current Direction (NSWE) <small>note 2</small>
H1	30/7/2018	Sunny	Slight	Mid-Ebb	B	7.4	13:02	10.69	8.46	26.69	30.8	1.18	9	-	-	-
H1	30/7/2018	Sunny	Slight	Mid-Ebb	B	7.4	13:02	10.67	8.44	26.76	30.8	1.15	8	-	-	-
H1	30/7/2018	Sunny	Slight	Mid-Ebb	M	4.2	13:03	10.70	8.46	26.69	30.8	1.06	11	-	-	-
H1	30/7/2018	Sunny	Slight	Mid-Ebb	M	4.2	13:03	10.71	8.46	26.60	30.8	1.07	10	-	-	-
H1	30/7/2018	Sunny	Slight	Mid-Ebb	S	1	13:04	10.70	8.46	26.71	30.7	1.57	11	-	-	-
H1	30/7/2018	Sunny	Slight	Mid-Ebb	S	1	13:04	10.67	8.47	26.76	30.7	1.55	12	-	-	-
CR2	30/7/2018	Sunny	Slight	Mid-Ebb	B	13.6	13:22	10.69	8.46	26.70	30.7	1.34	5	-	-	-
CR2	30/7/2018	Sunny	Slight	Mid-Ebb	B	13.6	13:22	10.66	8.48	26.64	30.8	1.35	5	-	-	-
CR2	30/7/2018	Sunny	Slight	Mid-Ebb	S	1	13:23	10.71	8.46	26.69	30.8	1.37	6	-	-	-
CR2	30/7/2018	Sunny	Slight	Mid-Ebb	S	1	13:23	10.70	8.47	26.60	30.9	1.39	6	-	-	-
CR1	30/7/2018	Sunny	Slight	Mid-Ebb	B	16.2	13:40	10.71	8.46	26.69	30.8	1.31	6	-	-	-
CR1	30/7/2018	Sunny	Slight	Mid-Ebb	B	16.2	13:40	10.68	8.47	26.77	30.8	1.32	5	-	-	-
CR1	30/7/2018	Sunny	Slight	Mid-Ebb	M	8.6	13:41	10.69	8.48	26.74	30.8	1.29	7	-	-	-
CR1	30/7/2018	Sunny	Slight	Mid-Ebb	M	8.6	13:41	10.71	8.47	26.79	30.9	1.31	6	-	-	-
CR1	30/7/2018	Sunny	Slight	Mid-Ebb	S	1	13:42	10.70	8.50	26.71	30.8	1.30	8	-	-	-
CR1	30/7/2018	Sunny	Slight	Mid-Ebb	S	1	13:42	10.71	8.50	26.80	30.7	1.31	7	-	-	-
B4	30/7/2018	Sunny	Slight	Mid-Ebb	B	4.1	14:11	10.71	8.46	26.69	30.8	1.35	8	-	-	-
B4	30/7/2018	Sunny	Slight	Mid-Ebb	B	4.1	14:11	10.73	8.43	26.70	30.8	1.32	10	-	-	-
B4	30/7/2018	Sunny	Slight	Mid-Ebb	S	1	14:12	10.74	8.46	26.78	30.9	1.32	8	-	-	-



Contract No. EP/SP/66/12  
 Integrated Waste Management Facilities, Phase 1  
 Baseline Water Quality Monitoring Data

Location	Date	Weather	Sea Condition	Tidal	Water Level <small>note 1</small>	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) <small>note 4</small>	SS (mg/L)	Total Alkalinity (mg/L) <small>note 2</small>	Current Velocity (m/s) <small>note 2</small>	Current Direction (NSWE) <small>note 2</small>
B4	30/7/2018	Sunny	Slight	Mid-Ebb	S	1	14:12	10.74	8.43	26.70	31.0	1.33	8	-	-	-
C2	30/7/2018	Sunny	Slight	Mid-Ebb	B	7.6	14:26	10.74	8.46	26.69	30.8	1.39	7	-	-	-
C2	30/7/2018	Sunny	Slight	Mid-Ebb	B	7.6	14:26	10.75	8.48	26.63	30.9	1.40	6	-	-	-
C2	30/7/2018	Sunny	Slight	Mid-Ebb	M	4.3	14:27	10.76	8.50	26.55	30.8	1.43	7	-	-	-
C2	30/7/2018	Sunny	Slight	Mid-Ebb	M	4.3	14:27	10.76	8.47	26.55	30.8	1.44	8	-	-	-
C2	30/7/2018	Sunny	Slight	Mid-Ebb	S	1	14:28	10.79	8.46	26.60	30.7	1.42	8	-	-	-
C2	30/7/2018	Sunny	Slight	Mid-Ebb	S	1	14:28	10.81	8.45	26.60	30.8	1.43	7	-	-	-
F1	30/7/2018	Sunny	Slight	Mid-Ebb	B	7.1	14:47	10.69	8.45	26.71	30.5	1.41	7	-	-	-
F1	30/7/2018	Sunny	Slight	Mid-Ebb	B	7.1	14:47	10.68	8.48	26.73	30.6	1.40	8	-	-	-
F1	30/7/2018	Sunny	Slight	Mid-Ebb	M	4.05	14:48	10.68	8.48	26.78	30.5	1.42	8	-	-	-
F1	30/7/2018	Sunny	Slight	Mid-Ebb	M	4.05	14:48	10.70	8.48	26.81	30.5	1.40	8	-	-	-
F1	30/7/2018	Sunny	Slight	Mid-Ebb	S	1	14:49	10.73	8.50	26.87	30.6	1.40	10	-	-	-
F1	30/7/2018	Sunny	Slight	Mid-Ebb	S	1	14:49	10.72	8.52	26.85	30.5	1.42	9	-	-	-
M1	30/7/2018	Sunny	Slight	Mid-Ebb	B	9.3	15:10	10.74	8.46	26.69	30.8	1.38	5	-	-	-
M1	30/7/2018	Sunny	Slight	Mid-Ebb	B	9.3	15:10	10.72	8.48	26.67	30.8	1.36	5	-	-	-
M1	30/7/2018	Sunny	Slight	Mid-Ebb	M	5.15	15:11	10.72	8.48	26.73	30.8	1.35	6	-	-	-
M1	30/7/2018	Sunny	Slight	Mid-Ebb	M	5.15	15:11	10.71	8.51	26.66	30.9	1.37	5	-	-	-
(M1	30/7/2018	Sunny	Slight	Mid-Ebb	S	1	15:12	10.69	8.54	26.69	30.9	1.38	7	-	-	-
M1	30/7/2018	Sunny	Slight	Mid-Ebb	S	1	15:12	10.71	8.55	26.60	30.8	1.39	7	-	-	-

Contract No. EP/SP/66/12  
Integrated Waste Management Facilities, Phase 1  
Baseline Water Quality Monitoring Data

Remarks:

note 1: S – Surface M – Middle B – Bottom

note 2: Measurements of current velocity, total alkalinity tests and detections of current direction were only conducted on 23/07/2018, 25/07/2018 and 27/07/2018.

note 3: No experimental result due to container's leakage.

note 4: Measurements of turbidity would be rounding to 0.1 NTU for proven accuracy as per the equipment specs during utilization of data