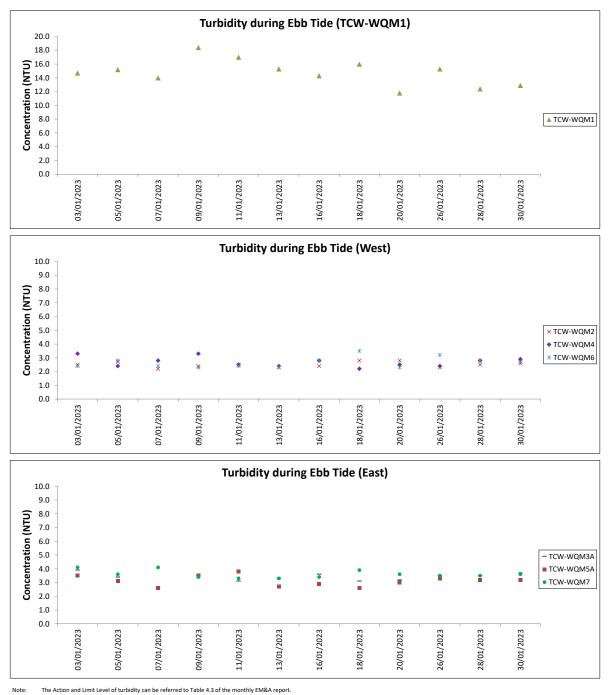
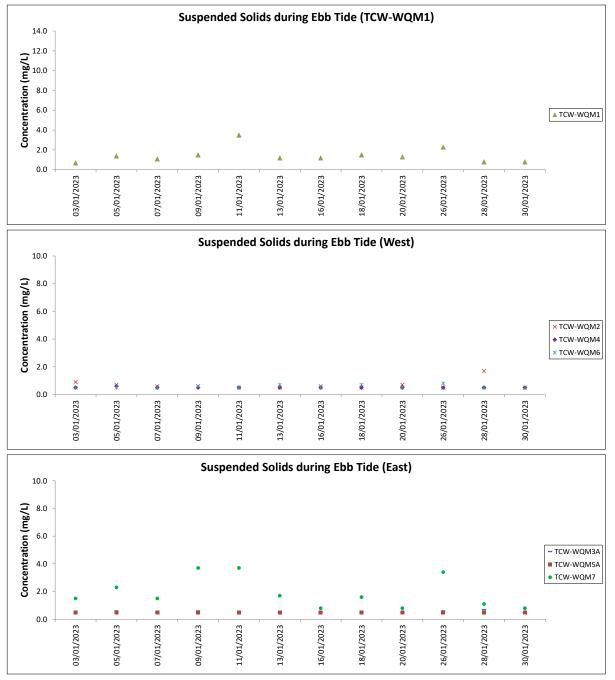


The Action and Limit Level of dissolved oxygen can be referred to Table 4.3 of the monthly EM&A report. Major site activities carried out during the reporting period are summarized in Section 1.4 of the monthly EM&A report. Weather conditions during monitoring are presented in the data tables above. QA/ QC requirements as stipulated in the EM&A Manual were carried out during measurement. Note



The Action and Limit Level of turbidity can be referred to Table 4.3 of the monthly EM&A report. Major site activities carried out during the reporting period are summarized in Section 1.4 of the monthly EM&A report. Weather conditions during monitoring are presented in the data tables above. QA/ QC requirements as stipulated in the EM&A Manual were carried out during measurement.



The Action and Limit Level of suspended solids can be referred to Table 4.3 of the monthly EM&A report. Major site activities carried out during the reporting period are summarized in Section 1.4 of the monthly EM&A report. Weather conditions during monitoring are presented in the data tables above. QA/ QC requirements as stipulated in the EM&A Manual were carried out during measurement. Note:

Water Quality Monitoring

Water Quality Monitoring Results on 03 January 2023 during Ebb Tide

Monitoring Station	Weather	Tidal Condition	Sampling	Replicate	Water Ter	mperature C)		Н	Salinit	y (ppt)		uctivity /cm)	DO Satu	ation (%)	Dissolved (mg		Turbidi	ty(NTU)		led Solids g/L)
	Condition		Time		Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
	Olaudu	Devet	11.10	1st	19.5	10.5	7.4	7.4	24.00	24.00	38000	07050	98.2	98.4	7.8	7.0	14.9	14.7	0.6	0.7
TCW-WQM1	Cloudy	Rough	11:18	2nd	19.5	19.5	7.4	7.4	24.00	24.00	37900	37950	98.6	98.4	7.9	7.9	14.4	14.7	0.7	0.7
TOWN	Claudu	NA	00.57	1st	16.4	16.4	6.8	6.8	0.01	0.01	34	24	56.9	55.5	5.6		2.5	2.5	0.9	0.9
TCW-WQM2	Cloudy	NA	09:57	2nd	16.4	16.4	6.8	0.8	0.01	0.01	34	34	54.1	55.5	5.3	5.5	2.5	2.5	0.8	0.9
	Claudu	NA	00:04	1st	16.7	16.7	6.8	6.0	0.04	0.04	83	00	87.7	87.4	8.5	8.5	3.8	3.9	<0.5	- <0.5
TCW-WQM3A	Cloudy	NA	09:24	2nd	16.7	16.7	6.8	6.8	0.04	0.04	83	83	87.0	87.4	8.5	8.5	4.0	3.9	<0.5	<0.5
TCW-WQM4	Claudu		00.05	1st	16.2	10.0	5.6	5.0	0.02	0.02	36	26	51.7	51.1	5.1	F 4	3.3	3.3	<0.5	.0.5
1000-000004	Cloudy	NA	08:25	2nd	16.2	16.2	5.7	5.6	0.02	0.02	36	36	50.4	51.1	5.0	5.1	3.2	3.3	<0.5	- <0.5
	Olauda		00.40	1st	16.3	10.0	6.4	0.4	0.02	0.00	37	07	87.9	00.0	8.6		3.6	0.5	<0.5	0.5
TCW-WQM5A	Cloudy	NA	08:46	2nd	16.3	16.3	6.4	6.4	0.02	0.02	37	37	90.7	89.3	8.9	8.8	3.3	3.5	<0.5	<0.5
	Claudu		10:40	1st	17.5	47.5	6.8	6.0	0.02	0.00	51	F 4	66.7	05.0	6.4		2.4	2.4	<0.5	.0.5
TCW-WQM6	Cloudy	NA	10:48	2nd	17.5	17.5	6.8	6.8	0.02	0.02	51	51	64.8	65.8	6.2	6.3	2.3	2.4	<0.5	- <0.5
TCW-WQM7	Cloudy	NA	10:27	1st	18.5	18.5	9.3	9.3	0.05	0.05	117	117	93.2	92.0	8.7	8.6	4.1	4.1	1.5	- 1.5
	Cidudy	NA I	10.27	2nd	18.5	10.5	9.3	9.3	0.05	0.05	117		90.7	92.0	8.5	0.0	4.1	4.1	1.4	1.5

Calm: Small or no wave; Moderate: Between calm and rough; Rough : White capped or rougher

NA: This monitoring location is not subject to tidal effect.

Water Quality Monitoring

Water Quality Monitoring Results on 05 January 2023 during Ebb Tide

Monitoring Station	Weather	Tidal Condition	Sampling	Replicate	Water Te	mperature C)	р	Н	Salinit	y (ppt)		uctivity /cm)	DO Satur	ration (%)	Dissolved (mg		Turbidit	y(NTU)		led Solids g/L)
······································	Condition		Time		Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
TOWNON	0	Devet	44.54	1st	20.5	00.5	8.1		26.83	00.04	41900	44000	89.7	87.3	6.9	0.7	15.2	45.0	1.5	
TCW-WQM1	Sunny	Rough	11:54	2nd	20.5	20.5	8.1	8.1	26.84	26.84	41900	41900	84.9	87.3	6.5	6.7	15.1	15.2	1.3	- 1.4
TOWN	0	NA	40.00	1st	17.4	17.4	6.9	6.9	0.01	0.01	33		66.0	05.4	6.3		2.8	2.7	0.7	0.7
TCW-WQM2	Sunny	NA	10:28	2nd	17.4	17.4	6.9	6.9	0.01	0.01	33	- 33	64.1	65.1	6.1	6.2	2.6	2.7	0.6	0.7
	Current	NA	00.52	1st	17.6	17.6	6.8	6.8	0.04	0.04	87	87	84.4	05.0	8.1		3.4	3.4	0.5	0.6
TCW-WQM3A	Sunny	NA	09:53	2nd	17.6	17.6	6.8	6.8	0.04	0.04	87	87	86.2	85.3	8.2	8.2	3.3	3.4	0.6	0.6
TOWNONA	0		00.00	1st	16.9	10.0	5.9	5.0	0.02	0.02	36	07	51.2	54.0	5.0	5.0	2.3	0.4	0.5	
TCW-WQM4	Sunny	NA	09:03	2nd	16.9	16.9	5.9	5.9	0.02	0.02	37	37	50.8	51.0	4.9	5.0	2.4	2.4	0.6	- 0.6
TCW-WQM5A	Current	NA	09:28	1st	17.1	17.1	6.7	6.7	0.02	0.02	38	- 38	95.8	96.1	9.2	9.3	2.9	3.1	<0.5	<0.5
	Sunny	NA	09:28	2nd	17.1	17.1	6.7	0.7	0.02	0.02	37	- 38	96.3	96.1	9.3	9.3	3.3	3.1	<0.5	<0.5
TCW-WQM6	Current	NA	11.10	1st	18.6	18.6	6.9	6.9	0.02	0.02	53	50	88.2	00.0	8.3	8.3	2.6	2.8	<0.5	<0.5
	Sunny	INA	11:13	2nd	18.6	10.0	6.9	0.9	0.02	0.02	53	- 53	87.7	88.0	8.2	ŏ.3	2.9	2.8	<0.5	<0.5
TCW-WQM7	Suppy	NA	10:55	1st	20.4	20.4	9.4	9.4	0.07	0.07	156	156	94.6	93.3	8.5	8.4	3.2	3.6	2.2	2.3
	Sunny	INA	10.55	2nd	20.4	20.4	9.4	9.4	0.07	0.07	155	001	92.0	33.3	8.3	0.4	3.9	3.0	2.4	2.3

Calm: Small or no wave; Moderate: Between calm and rough; Rough : White capped or rougher

NA: This monitoring location is not subject to tidal effect.

Water Quality Monitoring

Water Quality Monitoring Results on 07 January 2023 during Ebb Tide

Monitoring Station	Weather	Tidal Condition	Sampling	Replicate		mperature C)	р	н	Salinit	y (ppt)		uctivity /cm)	DO Satu	ration (%)	Dissolved (mç		Turbidit	y(NTU)		ded Solids g/L)
include ing classes	Condition		Time	riopiloalo	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
TCW-WQM1	Cuppy	Bough	12:23	1st	21.4	21.4	8.0	8.0	27.61	27.63	43000	43050	79.3	77.9	6.0	5.9	14.0	14.0	1.2	1.1
	Sunny	Rough	12.23	2nd	21.4	21.4	8.0	0.0	27.65	27.03	43100	43050	76.4	11.9	5.8	5.9	13.9	14.0	1.0	1
TCW-WQM2	Current	NA	10:00	1st	17.3	47.0	7.0	7.0	0.01	0.01	34	24	51.4	50.7	4.9	4.0	2.2	2.2	0.6	0.6
	Sunny	NA	10:06	2nd	17.3	17.3	7.0	- 7.0	0.01	0.01	34	34	50.0	50.7	4.8	4.9	2.2	2.2	0.6	0.6
	Current	NIA	00:40	1st	17.2	47.0	6.9	<u> </u>	0.04	0.04	88	87	81.5	81.5	7.8	7.0	2.7	2.7	<0.5	<0.5
TCW-WQM3A	Sunny	NA	09:40	2nd	17.2	17.2	6.9	6.9	0.04	0.04	86	87	81.4	61.5	7.8	7.8	2.7	2.1	<0.5	<0.5
	Current	NIA	00:40	1st	17.0	17.0	6.0	<u> </u>	0.02	0.02	36	- 36	50.3	50.3	4.9	4.9	2.9	2.0	<0.5	.0.5
TCW-WQM4	Sunny	NA	08:42	2nd	17.0	17.0	6.0	6.0	0.02	0.02	36	- 30	50.2	50.3	4.9	4.9	2.7	2.8	<0.5	<0.5
TCW-WQM5A	Current	NA	09:06	1st	16.6	16.6	6.7	- 6.7	0.02	0.02	38	- 38	108.9	107.9	10.6	10.5	2.8	2.6	<0.5	<0.5
	Sunny	NA	09:06	2nd	16.6	10.0	6.7	0.7	0.02	0.02	38	- 38	106.9	107.9	10.4	10.5	2.3	2.0	<0.5	<0.5
	Current	NA	11:26	1st	18.3	18.3	7.0	7.0	0.02	0.02	55	- 55	65.8	66.8	6.2	6.3	2.3	2.4	<0.5	<0.5
TCW-WQM6	Sunny	NA	11:20	2nd	18.3	18.3	7.0	7.0	0.02	0.02	55	55	67.8	00.8	6.4	0.3	2.4	2.4	<0.5	<0.5
TCW-WQM7	Cuppy	NA	10:45	1st	20.1	20.1	9.5	9.5	0.07	0.07	146	146	97.5	97.5	8.8	8.9	4.0	4.1	1.6	1.5
	Sunny	INA	10.45	2nd	20.1	20.1	9.5	9.0	0.07	0.07	146	140	97.5	97.5	8.9	0.9	4.2	4.1	1.4	1.5

Calm: Small or no wave; Moderate: Between calm and rough; Rough : White capped or rougher

NA: This monitoring location is not subject to tidal effect.

Water Quality Monitoring

Water Quality Monitoring Results on 09 January 2023 during Ebb Tide

Monitoring Station	Weather		Sampling		Water Te	mperature C)		н	Salinit	y (ppt)		uctivity /cm)	DO Satu	ration (%)	Dissolved (mç	d Oxygen g/L)	Turbidi	ty(NTU)		ded Solids g/L)
	Condition		Time	riophicato	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
TCW-WQM1	Claudy	Bough	13:50	1st	20.1	20.1	7.8	7.8	26.82	26.81	41900	41900	61.7	59.5	4.8	4.6	18.3	18.4	1.5	1.5
	Cloudy	Rough	13.50	2nd	20.1	20.1	7.9	1.0	26.79	20.01	41900	41900	57.3	59.5	4.4	4.0	18.4	10.4	1.4	1.5
	Olauda		40-05	1st	18.3	10.0	6.9		0.01	0.04	34	0.1	52.5	50.0	4.9	10	2.4		0.6	
TCW-WQM2	Cloudy	NA	12:35	2nd	18.3	18.3	6.9	- 6.9	0.01	0.01	34	- 34	51.4	52.0	4.8	4.9	2.4	2.4	0.6	0.6
	Olauda		44.50	1st	18.5	10.5	6.8		0.04	0.04	93	00	77.4	70.4	7.3	7.4	3.8	0.5	0.5	
TCW-WQM3A	Cloudy	NA	11:59	2nd	18.4	18.5	6.8	- 6.8	0.04	0.04	92	93	78.8	78.1	7.4	7.4	3.2	3.5	0.6	0.6
	Olauda		44-00	1st	17.9	17.0	6.1		0.02	0.00	37	07	50.8	50.7	4.8	10	3.2		<0.5	
TCW-WQM4	Cloudy	NA	11:00	2nd	17.9	17.9	6.1	- 6.1	0.02	0.02	37	37	50.5	50.7	4.8	4.8	3.4	3.3	<0.5	<0.5
	Olauda		44-00	1st	18.2	10.0	6.8		0.02	0.00	38	00	89.4	00.5	8.4		3.6	0.5	<0.5	0.5
TCW-WQM5A	Cloudy	NA	11:23	2nd	18.2	18.2	6.8	- 6.8	0.02	0.02	38	- 38	89.5	89.5	8.4	8.4	3.4	3.5	<0.5	<0.5
	Olauda		10:10	1st	18.8	10.0	7.0	7.0	0.02	0.00	54	54	68.6		6.4		2.2	2.3	0.5	
TCW-WQM6	Cloudy	NA	13:19	2nd	18.8	18.8	7.0	- 7.0	0.02	0.02	54	- 54	68.5	68.6	6.4	6.4	2.4	2.3	0.6	0.6
	Claude	NA	12-01	1st	20.5	20 F	9.5	0.5	0.08	0.00	180	400	77.7	76.4	7.0		3.4	2.4	3.5	3.7
TCW-WQM7	Cloudy	NA	13:01	2nd	20.5	20.5	9.5	9.5	0.08	0.08	180	- 180	75.1	/0.4	6.8	- 6.9	3.3	3.4	3.9	3.1

Calm: Small or no wave; Moderate: Between calm and rough; Rough : White capped or rougher

NA: This monitoring location is not subject to tidal effect.

Water Quality Monitoring

Water Quality Monitoring Results on 11 January 2023 during Ebb Tide

Monitoring Station	Weather	Tidal Condition	Sampling	Replicate	Water Te	mperature C)		н	Salinit	y (ppt)		uctivity 5/cm)	DO Satu	ration (%)	Dissolved (mg		Turbidi	ty(NTU)		ded Solids ig/L)
	Condition		Time	riophicato	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
TCW-WQM1	Cloudy	Dough	15:11	1st	21.0	21.0	8.7	8.7	23.52	23.51	37200	37200	142.0	143.3	11.0	11.1	17.0	17.0	3.6	3.5
	Cloudy	Rough	15.11	2nd	21.0	21.0	8.7	0.7	23.49	23.51	37200	- 37200	144.6	143.3	11.2	11.1	16.9	17.0	3.3	- 3.5
	Olaudu		40-44	1st	19.2	10.0	7.0	7.0	0.02	0.00	37	07	52.7	54.0	4.9	4.0	2.5	0.5	<0.5	0.5
TCW-WQM2	Cloudy	NA	13:41	2nd	19.2	19.2	7.0	- 7.0	0.02	0.02	37	- 37	51.1	51.9	4.7	4.8	2.5	2.5	<0.5	<0.5
	Olauda		40-00	1st	18.9	10.0	7.0	7.0	0.04	0.04	81		93.5	00.0	8.7	0.7	2.9	0.4	<0.5	
TCW-WQM3A	Cloudy	NA	13:06	2nd	19.0	19.0	7.0	- 7.0	0.04	0.04	82	82	92.2	92.9	8.6	8.7	3.3	3.1	<0.5	<0.5
TOWN	Olauda		10-11	1st	18.2	10.0	6.3		0.02	0.00	40	10	53.0	54.0	5.0	10	2.6	0.5	<0.5	0.5
TCW-WQM4	Cloudy	NA	12:11	2nd	18.2	18.2	6.3	- 6.3	0.02	0.02	40	- 40	50.2	51.6	4.7	4.9	2.3	2.5	<0.5	<0.5
	Olaudu		40-00	1st	18.9	10.0	7.0	7.0	0.02	0.00	39		96.0	04.4	8.9		3.8		<0.5	0.5
TCW-WQM5A	Cloudy	NA	12:36	2nd	18.9	18.9	7.0	- 7.0	0.02	0.02	39	- 39	92.8	94.4	8.6	8.8	3.7	3.8	<0.5	<0.5
	Olaudu		44-00	1st	19.4	10.1	7.1	7.0	0.02	0.00	55		69.8		6.4		2.3	2.4	<0.5	0.5
TCW-WQM6	Cloudy	NA	14:30	2nd	19.5	19.4	7.0	- 7.0	0.02	0.02	54	- 55	67.8	68.8	6.2	6.3	2.4	2.4	<0.5	<0.5
TCW-WQM7	Claude	NA	14:05	1st	21.6	21.6	9.5	9.5	0.06	0.06	130	- 130	75.4	75.0	6.6	6.7	3.2	3.3	3.8	3.7
	Cloudy	NA	14:05	2nd	21.6	21.0	9.5	9.0	0.06	0.06	130	130	76.1	75.8	6.7	6.7	3.3	3.3	3.6	3.1

Calm: Small or no wave; Moderate: Between calm and rough; Rough : White capped or rougher

NA: This monitoring location is not subject to tidal effect.

Water Quality Monitoring

Water Quality Monitoring Results on 13 January 2023 during Ebb Tide

Monitoring Station	Weather	Tidal Condition	Sampling	Replicate	Water Te	mperature C)		Н	Salinit	y (ppt)		uctivity /cm)	DO Satu	ation (%)	Dissolved (mg		Turbidi	ty(NTU)		ded Solids g/L)
	Condition		Time		Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
	Olaudu	Devet	07.00	1st	20.2	00.0	8.0		28.15	00.45	43800	40000	45.4		3.5		16.1	45.0	1.2	1.0
TCW-WQM1	Cloudy	Rough	07:30	2nd	20.2	20.2	8.0	8.0	28.14	28.15	43800	43800	43.3	44.4	3.3	3.4	14.4	15.3	1.1	- 1.2
TCW-WQM2	Claudu	NA	08:58	1st	20.6	20.6	7.2	7.2	0.02	0.02	39	- 39	53.4	53.6	4.8	4.8	2.2	2.3	<0.5	<0.5
	Cloudy	NA	08:58	2nd	20.6	20.6	7.2	1.2	0.02	0.02	39	- 39	53.7	53.6	4.8	4.8	2.4	2.3	<0.5	- <0.5
TCW-WQM3A	Claudu	NA	09:30	1st	20.5	20.5	7.2	7.2	0.04	0.04	85	87	79.9	79.9	7.2	7.2	3.4	3.3	<0.5	<0.5
TCVV-VVQIVI3A	Cloudy	NA	09:30	2nd	20.5	20.5	7.2	1.2	0.04	0.04	88	87	79.9	79.9	7.2	1.2	3.2	3.3	<0.5	<0.5
TCW-WQM4	Claudu		10:05	1st	19.1	19.1	6.4	6.4	0.02	0.02	39	20	39.6	39.4	3.7	3.7	2.4	2.4	<0.5	<0.5
1 C VV - VV QIVI4	Cloudy	NA	10:05	2nd	19.1	19.1	6.4	0.4	0.02	0.02	39	- 39	39.2	39.4	3.6	3.7	2.3	2.4	<0.5	<0.5
	Claudu		10:25	1st	20.4	20.4	7.3	7.3	0.02	0.02	39	20	83.6	87.2	7.5	7.9	2.9	2.7	<0.5	<0.5
TCW-WQM5A	Cloudy	NA	10:35	2nd	20.4	20.4	7.3	7.3	0.02	0.02	39	- 39	90.8	87.2	8.2	7.9	2.4	2.7	<0.5	<0.5
TCW-WQM6	Claudy	NA	08:32	1st	20.6	20.6	7.2	7.1	0.03	0.03	56	56	64.9	65.2	5.8	5.9	2.3	2.3	0.6	0.7
	Cloudy	NA	00.32	2nd	20.6	20.0	7.1	1 /.1	0.03	0.03	56		65.4	03.2	5.9	5.9	2.2	2.3	0.7	0.7
TCW-WQM7	Cloudy	NA	08:15	1st	21.3	21.3	8.1	8.1	0.06	0.06	121	122	73.2	73.1	6.5	6.5	3.3	3.3	1.7	1.7
	Cidudy	NA NA	00.15	2nd	21.3	21.3	8.1	0.1	0.06	0.00	123	122	72.9	/ 3.1	6.5	0.5	3.2	5.5	1.6	

Calm: Small or no wave; Moderate: Between calm and rough; Rough : White capped or rougher

NA: This monitoring location is not subject to tidal effect.

Water Quality Monitoring

Water Quality Monitoring Results on 16 January 2023 during Ebb Tide

Monitoring Station	Weather	Tidal Condition	Sampling	Replicate	Water Te	mperature C)		н	Salinit	y (ppt)		uctivity /cm)	DO Satu	ration (%)	Dissolved (mg		Turbidit	y(NTU)		ded Solids g/L)
iner ing etaileri	Condition		Time	riopiloato	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
TCW-WQM1	Claudu	Dough	07:28	1st	19.0	19.1	7.7	7.7	24.16	24.30	38200	38400	56.4	54.7	4.5	4.4	13.5	14.3	1.1	1.2
	Cloudy	Rough	07:28	2nd	19.1	19.1	7.7	1.1	24.44	24.30	38600	38400	53.0	54.7	4.2	4.4	15.1	14.3	1.2	1.2
TOWNOND	Olavata		00.00	1st	16.3	40.0	6.8		0.02	0.02	37	07	57.4	50.5	5.6		2.6	2.4	0.6	0.6
TCW-WQM2	Cloudy	NA	09:00	2nd	16.3	16.3	6.8	6.8	0.02	0.02	37	37	55.5	56.5	5.4	5.5	2.2	2.4	0.6	0.6
	Olavata		00.00	1st	16.4	40.4	7.0	7.0	0.04	0.04	92	00	79.4	70.0	7.8	7.0	3.7		<0.5	0.5
TCW-WQM3A	Cloudy	NA	09:22	2nd	16.4	16.4	7.0	- 7.0	0.04	0.04	92	92	79.8	79.6	7.8	7.8	3.4	3.6	<0.5	<0.5
TOWNON	0		00.50	1st	16.6	10.0	6.4		0.02	0.00	40	40	40.5	10.0	4.0	4.0	2.6		<0.5	
TCW-WQM4	Cloudy	NA	09:56	2nd	16.6	16.6	6.4	6.4	0.02	0.02	40	40	40.1	40.3	3.9	4.0	3.0	2.8	<0.5	<0.5
	Olavata		40.04	1st	16.1	40.4	7.3	7.0	0.02	0.00	39		88.6	07.4	8.7		2.8		<0.5	0.5
TCW-WQM5A	Cloudy	NA	10:21	2nd	16.1	16.1	7.3	- 7.3	0.02	0.02	39	- 39	86.1	87.4	8.5	8.6	3.0	2.9	<0.5	<0.5
TCW-WQM6	Claudu	NIA	00.07	1st	16.7	16.7	6.6		0.02	0.02	55		61.1	64.0	5.9	6.0	2.6	2.8	<0.5	<0.5
	Cloudy	NA	08:27	2nd	16.7	10.7	6.6	- 6.6	0.02	0.02	55	55	61.5	61.3	6.0	6.0	2.9	2.8	<0.5	<0.5
TCW-WQM7	Cloudy	NA	08:07	1st	15.1	15.1	7.7	7.6	0.05	0.05	114	114	80.6	80.9	8.1	8.2	3.5	3.4	0.8	0.8
	Cloudy	INA	00.07	2nd	15.0	15.1	7.6	7.0	0.05	0.05	114	1 114	81.2	00.9	8.2	0.2	3.2	3.4	0.7	0.0

Calm: Small or no wave; Moderate: Between calm and rough; Rough : White capped or rougher

NA: This monitoring location is not subject to tidal effect.

Water Quality Monitoring

Water Quality Monitoring Results on 18 January 2023 during Ebb Tide

Monitoring Station	Weather	Tidal Condition	Sampling	Replicate	Water Te	mperature C)		н	Salinit	y (ppt)		uctivity /cm)	DO Satur	ation (%)	Dissolved (mg		Turbidi	ty(NTU)		ded Solids ig/L)
	Condition		Time	riophicato	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
TCW-WQM1	Claudu	Dough	09:55	1st	17.8	17.8	7.7	7.7	24.47	24.45	38700	38650	56.2	54.3	4.6	4.5	16.4	16.0	1.4	1.5
	Cloudy	Rough	09:55	2nd	17.8	17.8	7.7	1.1	24.42	24.45	38600	38050	52.4	54.3	4.3	4.5	15.5	16.0	1.5	- 1.5
TCW-WQM2	Current	NA	44.44	1st	15.8	15.8	7.2	7.2	0.01	0.01	33		62.9	62.3	6.2		2.9	2.8	<0.5	<0.5
	Sunny	NA	11:11	2nd	15.8	15.8	7.1	1.2	0.01	0.01	33	- 33	61.7	62.3	6.1	6.2	2.7	2.8	<0.5	- <0.5
	Current		44.45	1st	16.2	16.2	7.1	7.4	0.04	0.04	91	01	86.2	00.0	8.5	0.5	3.2	24	<0.5	.0.5
TCW-WQM3A	Sunny	NA	11:45	2nd	16.2	16.2	7.1	7.1	0.04	0.04	90	91	85.8	86.0	8.4	8.5	2.9	- 3.1	<0.5	<0.5
TOWNONA	0		40.47	1st	15.8	45.0	6.8		0.02	0.00	37	07	43.9	10.0	4.4		2.3		<0.5	0.5
TCW-WQM4	Sunny	NA	12:17	2nd	15.8	15.8	6.8	6.8	0.02	0.02	37	37	43.6	43.8	4.3	4.4	2.0	2.2	<0.5	<0.5
	0		10.11	1st	16.8	40.0	7.4	7.4	0.02	0.00	38		94.4	04.0	9.2		2.9		<0.5	
TCW-WQM5A	Sunny	NA	12:41	2nd	16.8	16.8	7.4	7.4	0.02	0.02	38	- 38	94.2	94.3	9.2	9.2	2.3	2.6	<0.5	<0.5
TCW-WQM6	Current		40:45	1st	16.3	16.3	7.0	7.0	0.02	0.02	53	50	70.7	71.1	6.9	7.0	3.2	3.5	0.6	0.7
	Sunny	NA	10:45	2nd	16.3	10.3	7.0	7.0	0.02	0.02	53	53	71.5	(1.1	7.0	7.0	3.7	3.5	0.7	0.7
TCW-WQM7	Sunny	NA	10:26	1st	17.1	17.0	9.0	9.0	0.05	0.05	102	102	109.5	112.7	10.6	10.9	4.0	3.9	1.6	1.6
	Sunny	INA	10.20	2nd	17.0	17.0	9.1	9.0	0.05	0.05	101	102	115.9	112.7	11.2	10.9	3.8	3.3	1.5	1.0

Calm: Small or no wave; Moderate: Between calm and rough; Rough : White capped or rougher

NA: This monitoring location is not subject to tidal effect.

Water Quality Monitoring

Water Quality Monitoring Results on 20 January 2023 during Ebb Tide

Monitoring Station	Weather	Tidal Condition	Sampling	Replicate		mperature C)	р	н	Salinit	y (ppt)		uctivity /cm)	DO Satu	ration (%)	Dissolved (mg		Turbidit	y(NTU)		ded Solids g/L)
ine interning etaileri	Condition		Time	riopiloalo	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
TCW-WQM1	Current	Dough	11:52	1st	19.6	19.6	7.9	7.9	26.46	26.45	41400	41400	67.3	67.9	5.3	5.4	11.8	11.8	1.2	1.3
	Sunny	Rough	11.52	2nd	19.6	19.0	7.9	7.9	26.44	20.45	41400	41400	68.5	07.9	5.4	5.4	11.7	11.0	1.4	1.5
TOWNOND	Olausta		10.00	1st	16.2	10.0	7.0	7.0	0.02	0.00	36		57.8	57 7	5.7	5.7	2.7		0.6	0.7
TCW-WQM2	Cloudy	NA	10:22	2nd	16.2	16.2	7.0	- 7.0	0.02	0.02	36	36	57.5	57.7	5.7	5.7	2.9	2.8	0.7	0.7
	Olausta		00.50	1st	16.3	10.0	7.0	7.0	0.05	0.05	98	00	78.2	77.7	7.7	7.7	3.2		<0.5	
TCW-WQM3A	Cloudy	NA	09:56	2nd	16.3	16.3	7.0	7.0	0.05	0.05	98	98	77.1	77.7	7.6	7.7	3.1	3.2	<0.5	<0.5
TOWNOMA	Olausta		00.50	1st	16.7	40.7	6.2		0.02	0.00	39		49.5	10.1	4.8	4.0	2.6	0.5	<0.5	
TCW-WQM4	Cloudy	NA	08:56	2nd	16.6	16.7	6.2	6.2	0.02	0.02	39	- 39	48.7	49.1	4.7	4.8	2.4	2.5	<0.5	<0.5
	Olausta		00.00	1st	15.9	45.0	6.8		0.02	0.00	39		93.6	00.4	9.3		2.7		<0.5	0.5
TCW-WQM5A	Cloudy	NA	09:23	2nd	15.9	15.9	6.8	6.8	0.02	0.02	39	- 39	93.2	93.4	9.2	9.3	3.2	3.0	<0.5	<0.5
TOWNOMO	Olausta		11.10	1st	16.9	10.0	6.9		0.02	0.02	55		61.5	01.0	6.0		2.3		<0.5	
TCW-WQM6	Cloudy	NA	11:18	2nd	16.9	16.9	6.9	- 6.9	0.02	0.02	54	55	60.5	61.0	5.9	6.0	2.3	2.3	<0.5	<0.5
TCW-WQM7	Cloudy	NA	10:40	1st	17.5	17.6	8.3	- 8.3	0.07	0.07	141	141	96.6	97.0	9.2	0.2	3.7	3.6	0.8	0.8
	Cloudy	INA	10:49	2nd	17.6	17.0	8.3	0.3	0.07	0.07	140	141	97.3	97.0	9.3	9.3	3.4	3.0	0.7	0.8

Calm: Small or no wave; Moderate: Between calm and rough; Rough : White capped or rougher

NA: This monitoring location is not subject to tidal effect.

Water Quality Monitoring

Water Quality Monitoring Results on 26 January 2023 during Ebb Tide

Monitoring Station	Weather	Tidal Condition	Sampling	Replicate		mperature C)	р	н	Salini	ty (ppt)		uctivity /cm)	DO Satu	ration (%)	Dissolved (mç		Turbidi	ty(NTU)		ded Solids ig/L)
inering etaileri	Condition		Time	riophodio	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
TCW-WQM1	Current	Dough	16:00	1st	19.6	19.6	8.8	8.8	24.74	24.86	39000	39200	214.8	213.5	17.0	16.9	15.1	15.3	2.4	2.3
	Sunny	Rough	16.00	2nd	19.6	19.0	8.8	0.0	24.98	- 24.00	39400	39200	212.2	213.5	16.8	10.9	15.4	15.5	2.2	2.3
TOWNOND	0		40.50	1st	17.3	47.0	7.0	7.0	0.01	0.04	33		64.5	04.0	6.2		2.1		<0.5	0.5
TCW-WQM2	Sunny	NA	13:53	2nd	17.3	17.3	7.0	- 7.0	0.01	- 0.01	33	- 33	65.2	64.9	6.3	6.3	2.4	2.3	<0.5	<0.5
	0		40.00	1st	16.8	10.0	6.8		0.04	0.01	93	00	77.4	76.9	7.5	7.5	3.4	0.5	0.6	
TCW-WQM3A	Sunny	NA	13:30	2nd	16.9	16.8	6.8	6.8	0.04	0.04	93	93	76.4	76.9	7.4	7.5	3.5	3.5	0.5	0.6
TOWNOMA	0		10.00	1st	15.7	45.7	5.7	5.7	0.02	0.00	37	07	49.3	10.0	4.9	10	2.5		<0.5	0.5
TCW-WQM4	Sunny	NA	12:36	2nd	15.8	15.7	5.8	5.7	0.02	0.02	37	37	48.4	48.9	4.8	4.9	2.2	2.4	<0.5	<0.5
	Current	NA	12:00	1st	16.4	10.4	6.6		0.02	0.02	38	20	98.1	07.4	9.6	0.0	3.4	2.2	<0.5	.0.5
TCW-WQM5A	Sunny	NA	13:00	2nd	16.4	16.4	6.6	6.6	0.02	0.02	38	- 38	96.6	97.4	9.5	9.6	3.2	3.3	<0.5	<0.5
TOWNOMO	0		44.50	1st	17.5	47.5	6.9		0.03	0.00	73	73	66.8	67.5	6.4	0.5	3.1		0.7	
TCW-WQM6	Sunny	NA	14:53	2nd	17.5	17.5	6.9	- 6.9	0.03	- 0.03	73	/3	68.2	67.5	6.5	6.5	3.2	3.2	0.8	0.8
TCW-WQM7	Cuppi	NA	14:20	1st	21.7	21.7	9.6	0.6	0.16	0.16	335	336	88.7	96.1	7.8	7.6	3.6	3.5	3.2	3.4
	Sunny	NA	14:29	2nd	21.7	21.7	9.6	9.6	0.16	0.10	336	330	83.4	86.1	7.3	7.6	3.4	3.0	3.5	3.4

Calm: Small or no wave; Moderate: Between calm and rough; Rough : White capped or rougher

NA: This monitoring location is not subject to tidal effect.

Water Quality Monitoring

Water Quality Monitoring Results on 28 January 2023 during Ebb Tide

Monitoring Station	Weather	Tidal Condition	Sampling	Replicate	Water Te	mperature C)		н	Salinit	y (ppt)		uctivity /cm)	DO Satu	ration (%)	Dissolved (mg		Turbidit	y(NTU)		ded Solids g/L)
ine interning etaileri	Condition		Time	riophodio	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
TCW-WQM1	Current	Dough	07:28	1st	15.2	15.2	8.1	8.1	24.70	24.64	39200	39100	69.8	68.2	6.0	5.9	13.1	12.4	0.7	0.8
	Sunny	Rough	07.20	2nd	15.2	15.2	8.1	0.1	24.57	24.04	39000	39100	66.6	00.2	5.8	5.9	11.6	12.4	0.8	0.0
TOWNOND	0		00-04	1st	13.7	40.7	6.4	0.4	0.02	0.00	37	07	47.1	40.0	4.9	10	2.3	0.5	1.6	47
TCW-WQM2	Sunny	NA	09:04	2nd	13.7	13.7	6.4	6.4	0.02	0.02	37	37	46.4	46.8	4.8	4.9	2.6	2.5	1.7	- 1.7
	0		00.00	1st	14.2	110	6.8		0.04	0.04	93		79.5		8.2		3.6	0.5	0.8	0.7
TCW-WQM3A	Sunny	NA	09:32	2nd	14.2	14.2	6.8	6.8	0.04	0.04	94	94	82.3	80.9	8.4	8.3	3.3	3.5	0.6	0.7
TOWNOMA	0		10.00	1st	14.3	44.0	6.2		0.02	0.00	36		43.9	10.5	4.5		2.5		<0.5	
TCW-WQM4	Sunny	NA	10:08	2nd	14.3	14.3	6.1	6.2	0.02	0.02	36	36	41.0	42.5	4.2	4.4	3.1	2.8	<0.5	<0.5
	0		10.01	1st	14.1		6.6		0.02	0.00	39		91.6	00.4	9.4	0.5	3.4		<0.5	0.5
TCW-WQM5A	Sunny	NA	10:34	2nd	14.1	14.1	6.6	6.6	0.02	0.02	39	- 39	93.2	92.4	9.6	9.5	2.9	3.2	<0.5	<0.5
TOWNOMO	0		00.00	1st	14.5	44.5	6.4	0.4	0.03	0.03	56	50	63.4	00.0	6.5		2.9		<0.5	
TCW-WQM6	Sunny	NA	08:33	2nd	14.5	14.5	6.4	6.4	0.03	0.03	56	- 56	64.2	63.8	6.6	6.6	2.6	2.8	<0.5	<0.5
	Current	NA	00.04	1st	12.0	10.0	7.4	7.4	0.06	0.00	138	400	85.1	05.0	9.2	0.0	3.6	25	1.0	
TCW-WQM7	Sunny	NA	08:01	2nd	12.0	12.0	7.4	7.4	0.06	0.06	138	- 138	85.5	85.3	9.2	9.2	3.4	3.5	1.2	- 1.1

Calm: Small or no wave; Moderate: Between calm and rough; Rough : White capped or rougher

NA: This monitoring location is not subject to tidal effect.

Water Quality Monitoring

Water Quality Monitoring Results on 30 January 2023 during Ebb Tide

Monitoring Station	Weather	Tidal Condition	Sampling	Replicate		mperature C)	p	н	Salinit	y (ppt)		uctivity /cm)	DO Satu	ration (%)	Dissolved (mç	d Oxygen g/L)	Turbidi	ty(NTU)		ded Solids g/L)
	Condition		Time	rtopilouto	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
TCW-WQM1	Current	Dough	07:55	1st	17.6	17.6	7.9	7.9	26.34	26.31	41400	41350	64.7	64.1	5.3	5.3	12.0	12.9	0.7	0.8
	Sunny	Rough	07:55	2nd	17.6	17.0	7.9	7.9	26.27	20.31	41300	41350	63.5	- 04.1	5.2	5.3	13.7	12.9	0.9	0.8
TOWNOND	0		00.40	1st	12.3	10.0	7.0	7.0	0.02	0.00	36		57.0	50.0	6.1	0.4	2.8		<0.5	0.5
TCW-WQM2	Sunny	NA	09:12	2nd	12.3	12.3	6.9	- 7.0	0.02	0.02	36	- 36	61.4	- 59.2	6.6	6.4	2.3	2.6	<0.5	- <0.5
TOWN	0		00.40	1st	13.1	40.4	7.2	7.0	0.04	0.04	91	01	83.9		8.8		3.6	0.7	<0.5	
TCW-WQM3A	Sunny	NA	09:40	2nd	13.1	13.1	7.2	7.2	0.04	0.04	90	91	83.9	83.9	8.8	8.8	3.7	3.7	<0.5	<0.5
TOWNONA	0		40.47	1st	13.3	10.4	6.6		0.02	0.00	36		42.7	10.0	4.5	4.5	2.9		<0.5	
TCW-WQM4	Sunny	NA	10:17	2nd	13.4	13.4	6.7	- 6.6	0.02	0.02	36	36	42.5	42.6	4.4	4.5	2.8	2.9	<0.5	<0.5
	0		40.45	1st	13.2	10.0	7.3	7.0	0.02	0.00	38	00	82.4	00.4	8.6	0.7	2.9		<0.5	0.5
TCW-WQM5A	Sunny	NA	10:45	2nd	13.3	13.3	7.3	- 7.3	0.02	0.02	38	- 38	83.7	- 83.1	8.8	8.7	3.5	3.2	<0.5	<0.5
TOWNON	0		00.00	1st	13.0	10.0	6.9		0.03	0.00	56	50	66.7		7.0	7.0	2.5	2.7	<0.5	0.5
TCW-WQM6	Sunny	NA	08:39	2nd	13.0	13.0	6.9	- 6.9	0.03	0.03	56	- 56	66.5	- 66.6	7.0	- 7.0	2.8	2.7	<0.5	- <0.5
	Suppris	NA	09:21	1st	11.2	11.1	7.8	7.0	0.05	0.05	116	116	89.3	80.2	9.8	0.9	3.6	26	0.8	0.8
TCW-WQM7	Sunny	NA	08:21	2nd	11.1	11.1	7.8	- 7.8	0.05	0.05	116	0110	89.0	89.2	9.8	9.8	3.5	3.6	0.7	- 0.8

Calm: Small or no wave; Moderate: Between calm and rough; Rough : White capped or rougher

NA: This monitoring location is not subject to tidal effect.