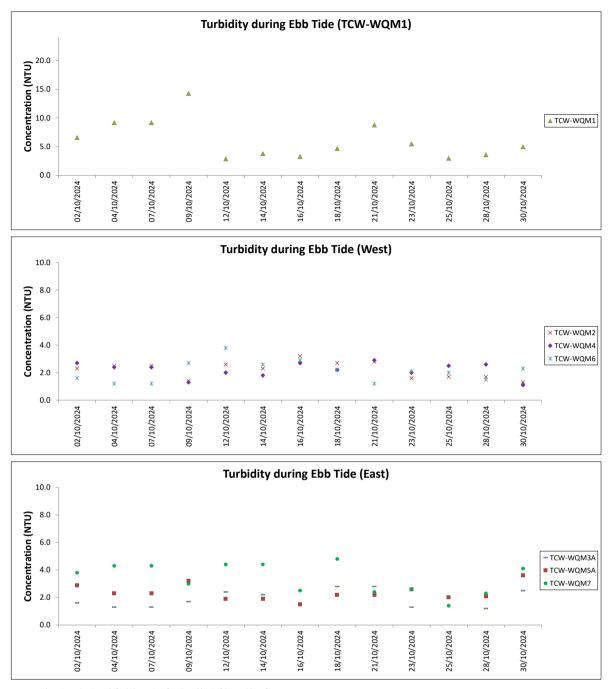
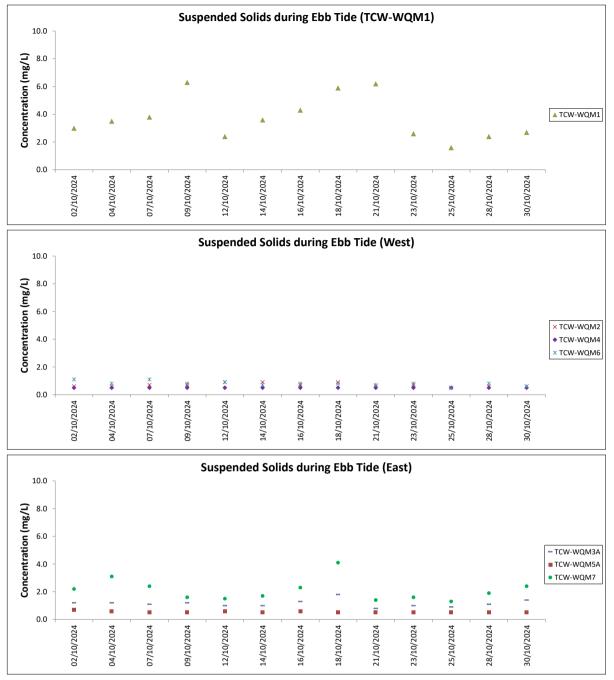


The Action and Limit Level of dissolved oxygen can be referred to Table 4.3 of the monthly EM&A report. Major site activities carried out during the reporting period are summarized in Section 1.4 of the monthly EM&A report. Weather conditions during monitoring are presented in the data tables above.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



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 02 October 2024 during Ebb Tide

Monitoring Station	Weather	Tidal Condition	Sampling	Replicate	Water Ter (°	mperature C)	р	н	Salinit	y (ppt)		uctivity /cm)	DO Satur	ation (%)	Dissolved (mç		Turbidit	ty(NTU)		ded Solids ig/L)
ine ine ing etation	Condition		Time	ropiloato	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
TCW-WQM1	Sunny	Rough	12:43	1st	26.8	26.9	7.4	7.4	19.49	19.60	31400	31550	80.7	78.7	5.8	5.7	6.8	6.6	2.8	3.0
	Sunny	Rough	12.43	2nd	26.9	20.9	7.4	7.4	19.70	19.00	31700	31550	76.6	70.7	5.5	5.7	6.3	0.0	3.2	3.0
TCW-WQM2	Current	NA	11:39	1st	25.4	25.4	6.6	6.6	0.02	0.02	42	40	69.8	69.6	5.7	5.7	2.2	2.3	0.6	0.6
	Sunny	NA	11:39	2nd	25.4	25.4	6.6	0.0	0.02	0.02	42	42	69.4	69.6	5.7	5.7	2.4	2.3	0.5	0.6
	0		44.44	1st	25.3	25.3	8.0	7.0	0.03	0.00	67		83.0	83.9	6.8		1.5	10	1.2	10
TCW-WQM3A	Sunny	NA	11:14	2nd	25.3	25.3	7.8	7.9	0.03	0.03	68	68	84.8	83.9	7.0	6.9	1.7	1.6	1.1	- 1.2
TOWNOMA	0		10.00	1st	25.7	05.0	6.7	0.7	0.03	0.00	61		72.3		5.9		2.7	0.7	<0.5	
TCW-WQM4	Sunny	NA	10:30	2nd	25.6	25.6	6.7	6.7	0.03	0.03	64	63	60.8	66.6	5.0	5.5	2.6	2.7	<0.5	<0.5
	0		40.54	1st	25.0	05.0	7.6	7.0	0.02	0.00	41		87.1	07.0	7.2	7.0	3.0		0.7	
TCW-WQM5A	Sunny	NA	10:51	2nd	25.0	25.0	7.5	7.6	0.02	0.02	41	41	87.3	87.2	7.2	7.2	2.7	2.9	0.6	0.7
TCW-WQM6	0	NA	10.15	1st	25.4	25.4	6.7		0.03	0.03	63		72.4	69.8	5.9	5.7	1.5	1.6	1.1	
	Sunny	NA	12:15	2nd	25.4	25.4	6.6	6.6	0.03	0.03	63	63	67.2	69.8	5.5	5.7	1.6	1.0	1.0	- 1.1
	Current	NA	10:00	1st	27.8	07.0	9.0	0.0	0.04	0.04	88	07	94.0	04.0	7.4	7.4	4.1	2.0	2.2	
TCW-WQM7	Sunny	NA	12:00	2nd	27.9	27.8	9.0	9.0	0.04	0.04	86	87	94.4	94.2	7.4	7.4	3.5	3.8	2.2	2.2

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 04 October 2024 during Ebb Tide

Monitoring Station	Weather	Tidal Condition	Sampling	Replicate	Water Ter (°		p	н	Salinit	y (ppt)		uctivity /cm)	DO Satur	ation (%)	Dissolved (mg		Turbidi	ty(NTU)		led Solids g/L)
	Condition		Time	ropilouto	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
TCW-WQM1	Cuppy	Bough	13:53	1st	27.9	27.9	8.2	8.3	28.68	28.75	44500	44550	96.4	96.6	6.5	6.5	9.3	9.2	3.3	- 3.5
	Sunny	Rough	13.55	2nd	28.0	27.9	8.3	0.3	28.82	20.75	44600	44550	96.7	90.0	6.5	0.5	9.0	9.2	3.6	3.5
	Current		10:11	1st	24.6	24.0	6.8	<u> </u>	0.02	0.02	43	40	72.0	70 5	6.0	6.4	2.6	2.5	0.6	0.6
TCW-WQM2	Sunny	NA	12:44	2nd	24.6	24.6	6.9	- 6.8	0.02	0.02	43	43	73.0	72.5	6.1	6.1	2.3	2.5	0.6	0.6
	0		10.00	1st	24.2	04.0	7.5	7.5	0.03	0.00	60		88.0	07.0	7.4	7.4	1.3	1.0	1.1	
TCW-WQM3A	Sunny	NA	12:20	2nd	24.2	24.2	7.4	7.5	0.03	0.03	60	60	87.2	87.6	7.3	7.4	1.2	- 1.3	1.2	- 1.2
TOWNOMA	0		11.01	1st	24.7	04.7	6.8		0.02	0.00	52	50	54.2	50.0	4.5	4.5	2.2	0.4	<0.5	0.5
TCW-WQM4	Sunny	NA	11:34	2nd	24.7	24.7	6.8	6.8	0.02	0.02	52	52	53.3	53.8	4.4	4.5	2.5	2.4	<0.5	- <0.5
	0		44.50	1st	23.9	00.0	7.3	7.0	0.02	0.00	41		86.9	00.0	7.3	7.0	2.2	2.3	0.6	
TCW-WQM5A	Sunny	NA	11:53	2nd	23.8	23.8	7.3	7.3	0.02	0.02	41	41	86.8	86.9	7.3	7.3	2.3	2.3	0.5	- 0.6
TCW-WQM6	Current	NA	40.00	1st	24.7	24.7	7.3	7.3	0.04	0.04	85	00	66.4	65.9	5.5		1.3	1.2	0.5	0.8
	Sunny	NA	13:20	2nd	24.7	24.7	7.2	7.3	0.04	0.04	79	82	65.4	65.9	5.4	5.5	1.1	1.2	1.1	0.8
	Cumpu	NA	12:00	1st	26.7	20.0	9.4	0.4	0.04	0.04	92	00	93.0	02.4	7.4	7 5	4.2	4.2	3.2	24
TCW-WQM7	Sunny	NA	13:06	2nd	26.8	26.8	9.4	9.4	0.04	0.04	91	92	93.2	93.1	7.5	7.5	4.3	4.3	3.0	- 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 07 October 2024 during Ebb Tide

Monitoring Station	Weather	Tidal Condition	Sampling	Replicate	Water Ter (°		р	Н	Salinit	y (ppt)		uctivity /cm)	DO Satur	ation (%)	Dissolved (mç		Turbidi	ty(NTU)		ded Solids ig/L)
inerine ing etation	Condition		Time	rophotic	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
TCW-WQM1	Sunny	Bough	13:52	1st	27.9	27.9	7.2	7.3	28.68	28.75	44500	44550	96.4	96.6	6.5	6.5	9.3	9.2	3.9	3.8
	Sunny	Rough	13.52	2nd	28.0	21.9	7.3	7.5	28.82	20.75	44600	44550	96.7	90.0	6.5	0.5	9.0	9.2	3.7	3.0
	Current		40:44	1st	24.6	24.6	7.2	7.2	0.02	0.02	43	40	72.0	72.5	6.0	6.4	2.6	2.5	0.7	0.7
TCW-WQM2	Sunny	NA	12:44	2nd	24.6	24.0	7.2	1.2	0.02	0.02	43	43	73.0	72.5	6.1	6.1	2.3	2.5	0.6	0.7
TOWNSMON	•		10.00	1st	24.2	04.0	7.4	7.5	0.03	0.00	60		88.0	07.0	7.4		1.3	10	1.1	
TCW-WQM3A	Sunny	NA	12:20	2nd	24.2	24.2	7.5	7.5	0.03	0.03	60	60	87.2	87.6	7.3	7.4	1.2	1.3	1.1	- 1.1
TOWNOR	0			1st	24.7	047	6.6		0.02	0.00	52	50	54.2	50.0	4.5		2.2		<0.5	
TCW-WQM4	Sunny	NA	11:34	2nd	24.7	24.7	6.6	6.6	0.02	0.02	52	52	53.3	53.8	4.4	4.5	2.5	2.4	<0.5	<0.5
TOWN	0		44.50	1st	23.9	00.0	7.3	7.0	0.02	0.00	41		86.9		7.3	7.0	2.2		<0.5	
TCW-WQM5A	Sunny	NA	11:53	2nd	23.8	23.8	7.3	7.3	0.02	0.02	41	41	86.8	86.9	7.3	7.3	2.3	2.3	<0.5	<0.5
TOWNON	0		10.00	1st	24.7	047	6.3		0.04	0.04	85		66.4	05.0	5.5		1.3	10	0.8	
TCW-WQM6	Sunny	NA	13:20	2nd	24.7	24.7	6.2	6.3	0.04	0.04	79	82	65.4	65.9	5.4	5.5	1.1	1.2	1.4	- 1.1
TOWNON	<u> </u>		10.05	1st	26.7		9.4		0.04		92		93.0	00.4	7.4		4.2		2.3	
TCW-WQM7	Sunny	NA	13:05	2nd	26.8	26.8	9.4	9.4	0.04	0.04	91	92	93.2	93.1	7.5	7.5	4.3	4.3	2.4	- 2.4

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 09 October 2024 during Ebb Tide

Monitoring Station	Weather	Tidal Condition	Sampling	Replicate	Water Ter (°		р	н	Salinit	y (ppt)		uctivity /cm)	DO Satur	ation (%)	Dissolved (mç		Turbidit	ty(NTU)		ded Solids ig/L)
Normoning Oracion	Condition		Time	ropilouo	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
TCW-WQM1	Suppy	Bough	14:38	1st	29.8	29.8	7.5	7.5	19.67	19.70	31600	31650	69.1	68.5	4.7	4.7	14.3	14.3	6.5	6.3
	Sunny	Rough	14.30	2nd	29.8	29.0	7.5	7.5	19.73	19.70	31700	31050	67.9	00.0	4.6	4.7	14.2	14.3	6.0	0.3
	Current	NA	40.00	1st	26.5	26.5	6.6	6.6	0.02	0.00	42	42	71.6	71.4	5.8	5.8	1.3	1.4	0.7	0.7
TCW-WQM2	Sunny	NA	13:36	2nd	26.5	20.5	6.6	0.0	0.02	0.02	42	42	71.2	71.4	5.7	5.8	1.4	1.4	0.6	0.7
TCW-WQM3A	Current		40:40	1st	26.5	00 F	7.7	7.7	0.03	0.00	63		86.3	86.0	6.9	6.9	1.8	1.7	1.0	1.2
TCVV-VVQIVI3A	Sunny	NA	13:18	2nd	26.5	26.5	7.7	1.1	0.03	0.03	63	63	85.6	86.0	6.9	6.9	1.6	1.7	1.3	- 1.2
TOWNOMA	0		10.00	1st	25.9	05.0	7.0	7.4	0.02	0.02	55		59.3	50.4	4.8	47	1.3	10	<0.5	0.5
TCW-WQM4	Sunny	NA	12:29	2nd	25.8	25.9	7.1	7.1	0.02	0.02	55	55	56.9	58.1	4.6	4.7	1.3	1.3	<0.5	<0.5
	Current	NIA	40.50	1st	26.2	26.2	7.4	7.4	0.02	0.00	43	40	84.5	04.0	6.8	<u> </u>	3.0	2.2	<0.5	.0.5
TCW-WQM5A	Sunny	NA	12:53	2nd	26.3	26.2	7.4	7.4	0.02	0.02	43	43	85.1	84.8	6.9	6.9	3.4	3.2	<0.5	<0.5
	Current	NIA	14:00	1st	26.5	26.5	6.9	6.9	0.03	0.03	63		64.5	64.6	5.2	5.2	2.8	2.7	0.7	
TCW-WQM6	Sunny	NA	14:09	2nd	26.5	20.5	6.9	0.9	0.03	0.03	63	63	64.6	64.6	5.2	5.2	2.5	2.7	0.9	0.8
	Current	NIA	40.50	1st	29.0	20.0	9.9		0.04	0.04	96	07	92.7	92.8	7.1	7.1	2.9	3.0	1.4	1.0
TCW-WQM7	Sunny	NA	13:56	2nd	29.0	29.0	9.9	9.9	0.04	0.04	97	97	92.8	92.0	7.1	1.1	3.0	3.0	1.7	- 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 12 October 2024 during Ebb Tide

Monitoring Station	Weather	Tidal Condition	Sampling	Replicate	Water Ter (°	mperature C)	p	н	Salinit	y (ppt)		uctivity 5/cm)	DO Satu	ration (%)	Dissolved (mç		Turbidi	ty(NTU)		led Solids g/L)
	Condition		Time	ropilouto	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
TCW-WQM1	Current	Dough	08:16	1st	28.0	28.0	8.1	- 8.1	29.30	29.23	45300	45200	117.3	116.5	7.8	7.8	2.9	2.9	2.1	2.4
	Sunny	Rough	00.10	2nd	28.0	20.0	8.1	0.1	29.16	29.23	45100	45200	115.6	110.5	7.7	7.0	2.8	2.9	2.7	2.4
TCW-WQM2	Suppy	NA	09:35	1st	24.3	24.3	6.5	6.5	0.02	0.02	44	44	65.8	- 66.5	5.5	5.6	2.7	2.6	0.9	0.9
	Sunny	NA	09.35	2nd	24.3	24.3	6.5	0.5	0.02	0.02	44	- 44	67.2	00.0	5.6	5.0	2.5	2.0	0.8	0.9
TCW-WQM3A	Current	NA	10:00	1st	24.4	24.4	7.9	- 7.9	0.03	0.02	63	- 63	86.0	84.5	7.2	7.1	2.3	2.4	1.0	1.0
TCVV-VVQIVI3A	Sunny	NA	10:00	2nd	24.4	24.4	7.9	7.9	0.03	0.03	63	63	83.0	84.5	6.9	7.1	2.5	2.4	1.0	- 1.0
TOWNOMA	0		10.11	1st	25.3	05.0	6.8		0.02	0.00	53	50	45.7	45.0	3.8	0.7	1.8		<0.5	0.5
TCW-WQM4	Sunny	NA	10:41	2nd	25.3	25.3	6.8	- 6.8	0.02	0.02	53	- 53	44.2	45.0	3.6	3.7	2.1	2.0	<0.5	- <0.5
	Current		44.05	1st	25.0	25.0	7.8	7.0	0.02	0.02	43	40	94.5	04.5	7.8	7.8	1.8	1.0	0.6	
TCW-WQM5A	Sunny	NA	11:05	2nd	25.0	25.0	7.9	- 7.9	0.02	0.02	43	- 43	94.4	94.5	7.8	7.8	1.9	- 1.9	0.5	- 0.6
TCW-WQM6	Current		00.00	1st	24.5	24.5	7.0		0.03	0.03	65	05	64.0	05.4	5.3	5.5	3.6	3.8	0.8	0.9
	Sunny	NA	09:06	2nd	24.5	24.5	6.9	- 6.9	0.03	0.03	65	- 65	66.7	65.4	5.6	5.5	4.0	3.8	0.9	0.9
	Current	NA	00.50	1st	24.3	24.3	8.7	8.7	0.04	0.04	83	0.4	101.6	101.0	8.5	0.5	4.0		1.4	4.5
TCW-WQM7	Sunny	NA	08:52	2nd	24.3	24.3	8.7	ŏ./	0.04	0.04	84	- 84	101.9	101.8	8.5	8.5	4.7	4.4	1.6	- 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 14 October 2024 during Ebb Tide

Monitoring Station	Weather	Tidal Condition	Sampling	Replicate	Water Te	mperature C)		н	Salinit	y (ppt)		uctivity /cm)	DO Satur	ation (%)	Dissolved (mç		Turbidit	y(NTU)		ded Solids g/L)
	Condition		Time		Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
TCW-WQM1	Cumpu	Dough	10:33	1st	28.0	28.0	7.9	7.9	28.57	- 28.65	44300	44400	119.1	118.4	8.0	8.0	3.7	3.8	3.5	3.6
	Sunny	Rough	10:33	2nd	28.0	28.0	8.0	7.9	28.73	28.00	44500	44400	117.7	118.4	7.9	8.0	3.8	3.8	3.7	3.0
TCW-WQM2	Cumpu	NA	11:40	1st	25.4	25.4	6.3	6.4	0.02	0.02	42	42	67.9	66.1	5.6	5.5	2.5	2.3	1.0	0.9
	Sunny	NA	11.40	2nd	25.4	25.4	6.4	0.4	0.02	0.02	42	42	64.3	00.1	5.3	5.5	2.1	2.3	0.7	0.9
TCW-WQM3A	Sunny	NA	12:23	1st	25.8	25.8	7.7	7.7	0.03	0.03	66	- 66	81.7	82.1	6.7	6.7	2.3	2.2	1.0	1.0
	Sunny	NA	12.23	2nd	25.7	25.0	7.7	1.1	0.03	0.03	66	00	82.4	02.1	6.7	0.7	2.0	2.2	0.9	1.0
TCW-WQM4	Suppy	NA	13:04	1st	25.1	25.1	6.8	6.8	0.02	0.02	47	47	52.6	49.6	4.3	4.1	1.8	1.8	<0.5	<0.5
1000-0000014	Sunny	NA	13.04	2nd	25.2	25.1	6.9	0.0	0.02	0.02	47	47	46.5	49.0	3.8	4.1	1.8	1.0	<0.5	<0.5
TCW-WQM5A	Sunny	NA	13:28	1st	25.7	25.7	7.5	7.5	0.02	0.02	43	43	82.4	81.3	6.7	6.6	1.7	1.9	<0.5	<0.5
	Sunny	NA	13.20	2nd	25.7	25.7	7.5	7.5	0.02	0.02	43	43	80.2	01.3	6.5	0.0	2.1	1.9	<0.5	<0.5
TCW-WQM6	Sunny	NA	11:20	1st	25.5	25.5	6.6	6.6	0.03	0.03	63	63	58.3	57.1	4.8	4.7	2.6	2.6	0.7	0.7
	Sunny	NA	11.20	2nd	25.5	20.0	6.6	0.0	0.03	0.03	63	03	55.9	57.1	4.6	4.7	2.5	2.0	0.7	0.7
TCW-WQM7	Sunny	NA	11:09	1st	28.5	28.5	9.7	9.7	0.04	0.04	89	87	83.9	85.1	6.5	6.6	4.3	4.4	1.5	1.7
	Suriny	INA	11.09	2nd	28.6	20.0	9.7	9.1	0.04	0.04	85	01	86.2	00.1	6.7	0.0	4.4	4.4	1.8	1.7

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 October 2024 during Ebb Tide

Monitoring Station	Weather	Tidal Condition	Sampling	Replicate	Water Te	mperature C)		н	Salinit	y (ppt)		uctivity /cm)	DO Satur	ation (%)	Dissolved (mç		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
TCW-WQM1	Cumpu	Dough	11:53	1st	27.8	27.8	8.2	8.2	13.91	13.92	23100	23100	110.9	110.7	8.1	8.1	3.2	3.3	5.0	4.3
	Sunny	Rough	11:53	2nd	27.8	27.8	8.2	8.2	13.92	13.92	23100	23100	110.4	110.7	8.0	0.1	3.4	3.3	3.6	- 4.3
TCW-WQM2	Cumpu	NA	12:57	1st	26.5	26.4	6.8	6.8	0.02	0.02	43	43	68.5	68.0	5.6	5.5	3.0	3.2	0.8	0.7
	Sunny	NA	12.57	2nd	26.4	20.4	6.8	0.0	0.02	0.02	43	43	67.4	00.0	5.4	5.5	3.4	3.2	0.6	0.7
TCW-WQM3A	Suppy	NA	13:25	1st	26.5	26.5	7.8	7.8	0.03	0.03	66	- 66	83.7	84.0	6.7	6.8	1.6	1.5	1.6	- 1.3
	Sunny	NA	13.25	2nd	26.5	20.5	7.8	7.0	0.03	0.03	66	00	84.2	04.0	6.8	0.0	1.4	1.5	0.9	1.5
TCW-WQM4	Suppy	NA	14:10	1st	26.1	26.1	7.2	7.2	0.02	0.02	50	- 50	53.1	50.1	4.3	4.1	2.8	2.7	<0.5	<0.5
1000-0000014	Sunny	NA	14.10	2nd	26.1	20.1	7.2	1.2	0.02	0.02	49	50	47.1	50.1	3.8	4.1	2.6	2.7	<0.5	<0.5
TCW-WQM5A	Sunny	NA	14:34	1st	26.5	26.5	7.5	7.5	0.02	0.02	45	45	97.8	97.8	7.9	7.9	1.5	1.5	0.6	0.6
	Sunny	NA	14.34	2nd	26.5	20.5	7.5	7.5	0.02	0.02	45	45	97.7	97.0	7.9	7.9	1.5	1.5	0.5	0.0
TCW-WQM6	Sunny	NA	12:32	1st	25.9	25.9	6.7	6.7	0.03	0.03	67	67	76.8	76.1	6.2	6.2	2.9	2.9	0.7	0.8
	Sunny	NA	12.32	2nd	25.9	23.9	6.7	0.7	0.03	0.03	67	07	75.4	70.1	6.1	0.2	2.8	2.9	0.9	0.8
TCW-WQM7	Sunny	NA	12:16	1st	29.9	29.9	9.9	9.9	0.05	0.05	106	105	98.7	98.7	7.5	7.5	2.4	2.5	2.3	2.3
	Suriny	INA	12.10	2nd	29.9	29.9	9.9	9.9	0.05	0.05	103	105	98.6	90.1	7.5	1.5	2.6	2.0	2.2	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 18 October 2024 during Ebb Tide

Monitoring Station	Weather	Tidal Condition	Sampling	Replicate	Water Ter (°	mperature C)	p	эΗ	Salinit	y (ppt)		uctivity /cm)	DO Satu	ation (%)	Dissolved (mg		Turbidi	ty(NTU)		ded Solids ig/L)
	Condition		Time	ropilouo	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
TCW-WQM1	Claudu	Dough	13:35	1st	28.3	28.3	7.8	7.8	19.59	19.63	31500	31550	96.3	96.3	6.7	6.7	4.8	4.7	6.3	5.9
	Cloudy	Rough	13.35	2nd	28.3	20.3	7.8	7.0	19.67	19.03	31600	31550	96.3	90.3	6.7	0.7	4.5	4.7	5.4	5.9
TCW-WQM2	Current	NIA	40.04	1st	26.1	26.1	6.9		0.02	0.02	43	40	63.1	60.5	5.1	4.0	2.6	2.7	1.0	0.9
	Sunny	NA	12:21	2nd	26.1	20.1	6.9	- 6.9	0.02	0.02	43	43	57.9	60.5	4.7	4.9	2.7	2.7	0.7	0.9
	0		10.00	1st	26.3	00.0	7.5	7.5	0.03	0.00	68		75.3	75.4	6.1		2.7		1.8	1.0
TCW-WQM3A	Sunny	NA	12:00	2nd	26.3	26.3	7.5	- 7.5	0.03	0.03	68	68	74.8	75.1	6.0	6.1	2.9	- 2.8	1.8	- 1.8
TOWNOMA	0			1st	25.7	05.7	7.0	7.0	0.02	0.00	48	40	43.0	10.0	3.5	0.5	2.1		<0.5	0.5
TCW-WQM4	Sunny	NA	11:11	2nd	25.7	25.7	7.0	- 7.0	0.02	0.02	48	- 48	42.6	42.8	3.5	3.5	2.2	2.2	<0.5	<0.5
	Current	NIA	44.00	1st	26.4	20.4	7.4	7.4	0.02	0.00	43	40	98.5	00.0	7.9	7.0	2.3		<0.5	.0.5
TCW-WQM5A	Sunny	NA	11:33	2nd	26.4	26.4	7.5	- 7.4	0.02	0.02	43	43	97.9	98.2	7.9	7.9	2.1	2.2	<0.5	<0.5
TCW-WQM6	Claudu	NIA	40.00	1st	26.2	26.2	7.0	7.0	0.03	0.03	66		57.4	57.5	4.6	47	2.1	2.2	0.6	0.8
	Cloudy	NA	13:08	2nd	26.2	20.2	7.0	- 7.0	0.03	0.03	66	66	57.6	57.5	4.7	4.7	2.3	2.2	0.9	0.8
TCW-WQM7	Claude	NIA	40.54	1st	28.5	20.5	9.7	0.7	0.05	0.05	106	106	95.7	00.0	7.4	7.4	4.8	4.0	4.2	
	Cloudy	NA	12:51	2nd	28.5	28.5	9.7	9.7	0.05	0.05	106	100	96.2	96.0	7.4	7.4	4.8	4.8	3.9	- 4.1

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 21 October 2024 during Ebb Tide

Monitoring Station	Weather	Tidal Condition	Sampling	Replicate		mperature C)	p	н	Salinit	y (ppt)		uctivity /cm)	DO Satur	ation (%)	Dissolved (mç		Turbidi	ty(NTU)		led Solids g/L)
	Condition		Time	rtopilouto	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
TCW-WQM1	Supply	Bough	15:40	1st	28.8	28.9	8.9	8.9	11.88	- 11.88	19900	19950	98.4	98.3	7.1	7.1	8.9	8.8	6.7	6.2
	Sunny	Rough	15.40	2nd	28.9	20.9	8.9	0.9	11.87	11.00	20000	19950	98.1	90.3	7.1	7.1	8.6	0.0	5.7	0.2
	Current	NA	14:00	1st	26.5	20 F	7.0	7.0	0.02	0.02	43	40	66.7		5.4	E 4	2.8	2.0	0.6	
TCW-WQM2	Sunny	NA	14:06	2nd	26.5	26.5	7.0	- 7.0	0.02	0.02	43	43	66.9	66.8	5.4	5.4	2.8	2.8	0.6	- 0.6
	0		10.00	1st	26.4	00.4	7.8	7.0	0.03	0.00	69		93.9	00.4	7.6	7.5	2.8		0.8	
TCW-WQM3A	Sunny	NA	13:39	2nd	26.4	26.4	7.8	- 7.8	0.03	0.03	69	69	90.8	92.4	7.3	- 7.5	2.8	2.8	0.8	- 0.8
TOWNORA	0		10.10	1st	26.1	00.0	6.8		0.02	0.00	51	54	68.4	07.4	5.5		2.9		<0.5	
TCW-WQM4	Sunny	NA	12:43	2nd	26.0	26.0	6.9	6.8	0.02	0.02	50	51	66.4	67.4	5.4	- 5.5	2.8	2.9	<0.5	- <0.5
	0		10.00	1st	26.2	00.0	7.3	7.0	0.02	0.00	44	45	77.8	00.4	6.3	0.7	2.3		<0.5	0.5
TCW-WQM5A	Sunny	NA	13:06	2nd	26.2	26.2	7.3	- 7.3	0.02	0.02	45	45	87.0	82.4	7.0	6.7	2.1	2.2	0.5	- 0.5
TCW-WQM6	Current	NA	44.50	1st	26.3	26.3	7.0	- 7.0	0.04	0.04	97	97	58.8	59.4	4.7	4.8	1.3	1.2	0.7	0.7
	Sunny	NA	14:56	2nd	26.3	20.3	7.0	7.0	0.04	0.04	97	97	60.0	59.4	4.8	4.8	1.1	1.2	0.6	0.7
TCW-WQM7	Current	NA	4.4.00	1st	28.7	20.7	9.5	0.5	0.05	0.05	117	117	73.2	74.0	5.7	5.0	2.4	2.4	1.4	
	Sunny	NA	14:32	2nd	28.7	28.7	9.4	9.5	0.05	0.05	117		70.6	71.9	5.5	5.6	2.4	2.4	1.3	- 1.4

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 23 October 2024 during Ebb Tide

Monitoring Station	Weather	Tidal Condition	Sampling	Replicate	Water Te	mperature C)		Н	Salinit	y (ppt)		uctivity /cm)	DO Satur	ration (%)	Dissolved (mç		Turbidi	ty(NTU)		ded Solids ig/L)
Normoning Oracion	Condition		Time	ropilouto	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
TCW-WQM1	Current	Dough	00.00	1st	26.0	26.0	8.2		20.32	20.35	32600	32600	52.7	53.2	3.8	3.9	5.5	5.5	2.7	2.6
	Sunny	Rough	08:22	2nd	26.0	26.0	8.2	8.2	20.37	20.35	32600	32600	53.6	53.2	3.9	3.9	5.5	5.5	2.5	2.0
TOWNOND	0		00.54	1st	24.4	04.4	6.6		0.02	0.00	42	40	79.9	70.0	6.7	0.7	1.6	10	0.7	
TCW-WQM2	Sunny	NA	09:51	2nd	24.4	24.4	6.6	6.6	0.02	0.02	42	42	79.8	79.9	6.7	6.7	1.5	1.6	0.7	0.7
	0		40.05	1st	24.5	04.5	7.3	7.0	0.03	0.00	70	70	78.2	77.0	6.5	0.5	1.4	10	1.0	
TCW-WQM3A	Sunny	NA	10:25	2nd	24.5	24.5	7.3	7.3	0.03	0.03	70	70	77.0	77.6	6.4	6.5	1.2	1.3	1.0	- 1.0
TOWNON	0		11.00	1st	25.1	05.4	6.9		0.02	0.00	50	50	46.4	15.4	3.8	0.7	2.1		<0.5	
TCW-WQM4	Sunny	NA	11:08	2nd	25.1	25.1	6.9	6.9	0.02	0.02	49	50	43.8	45.1	3.6	3.7	1.8	2.0	<0.5	<0.5
	0		11.01	1st	25.1	05.4	7.5	7.5	0.02	0.00	45	45	85.2	04.0	7.0	7.0	2.4		<0.5	0.5
TCW-WQM5A	Sunny	NA	11:34	2nd	25.1	25.1	7.5	7.5	0.02	0.02	45	45	83.2	84.2	6.9	7.0	2.8	2.6	<0.5	- <0.5
TCW-WQM6	Current		00.00	1st	24.4	24.4	6.7	6.7	0.03	0.03	67	07	87.3	00.0	7.3	7.3	2.1	2.1	0.7	
	Sunny	NA	09:22	2nd	24.4	24.4	6.7	0.7	0.03	0.03	67	67	86.5	86.9	7.2	7.3	2.1	2.1	0.9	0.8
TCW-WQM7	Current	NA	00:04	1st	24.2	24.2	9.9		0.07	0.07	148	140	86.4	00.4	7.3	7.3	2.6	2.6	1.8	- 1.6
	Sunny	NA	09:04	2nd	24.2	24.2	9.9	9.9	0.07	0.07	149	149	85.7	86.1	7.2	1.3	2.6	2.0	1.3	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 25 October 2024 during Ebb Tide

Monitoring Station	Weather	Tidal Condition	Sampling	Replicate	Water Te			н	Salinit	y (ppt)		uctivity /cm)	DO Satur	ation (%)	Dissolved (mg	d Oxygen g/L)	Turbidi	ty(NTU)		led Solids g/L)
Monitoring Otation	Condition		Time	ropilouto	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
TCW-WQM1	Suppy	Dough	08:25	1st	26.1	26.1	8.3	8.3	26.13	26.51	41000	41450	107.2	106.9	7.5	7.5	3.1	3.0	1.4	- 1.6
	Sunny	Rough	06.25	2nd	26.1	20.1	8.3	0.3	26.89	20.31	41900	41450	106.6	106.9	7.4	7.5	2.9	3.0	1.8	1.0
	Cumpu	NA	00:40	1st	22.3	22.3	6.9	<u> </u>	0.02	0.02	43	40	82.3	04.5	7.2	7.1	1.8	1.7	0.5	0.5
TCW-WQM2	Sunny	NA	09:40	2nd	22.3	22.3	6.9	6.9	0.02	0.02	43	43	80.6	81.5	7.0	7.1	1.5	1.7	0.5	0.5
	0		10:07	1st	22.3	00.0	7.3	7.0	0.03	0.00	67	07	78.1	77.8	6.8		1.9		0.9	
TCW-WQM3A	Sunny	NA	10:07	2nd	22.3	22.3	7.3	7.3	0.03	0.03	66	67	77.4	//.8	6.7	6.8	2.0	2.0	0.9	0.9
TCW-WQM4	Cumpu	NIA	10.50	1st	23.6	23.4	7.0	7.0	0.02	0.02	50	50	42.1	43.0	3.6	3.7	2.3	2.5	0.5	0.5
1CVV-VVQIVI4	Sunny	NA	10:52	2nd	23.1	23.4	7.1	7.0	0.02	0.02	49	50	43.9	43.0	3.8	3.7	2.6	2.5	0.5	0.5
	Cumpu	NIA	11:00	1st	23.2	22.0	7.7	7.7	0.02	0.02	45	45	97.0	97.0	8.3	0.0	2.0	2.0	<0.5	<0.5
TCW-WQM5A	Sunny	NA	11:20	2nd	23.2	23.2	7.7	1.1	0.02	0.02	44	45	96.9	97.0	8.3	8.3	1.9	2.0	<0.5	<0.5
TCW-WQM6	Sunny	NA	09:18	1st	22.7	22.7	6.7	6.7	0.04	0.04	87	87	63.0	61.6	5.4	5.3	2.0	2.0	<0.5	<0.5
	Sunny	NA	09.16	2nd	22.7	22.1	6.7	0.7	0.04	0.04	87	07	60.1	01.0	5.2	5.5	1.9	2.0	<0.5	<0.5
TCW-WQM7	Suppy	NA	00:01	1st	21.2	21.2	9.8	9.8	0.08	0.08	176	176	85.1	85.7	7.6	7.7	1.3	1.4	1.3	- 1.3
	Sunny	NA	09:01	2nd	21.2	21.2	9.8	9.0	0.08	0.00	175	1/0	86.3	00.7	7.7	1.1	1.4	1.4	1.3	1.3

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 28 October 2024 during Ebb Tide

Monitoring Station	Weather	Tidal Condition	Sampling	Replicate		mperature C)	p	н	Salinit	y (ppt)		uctivity /cm)	DO Satu	ration (%)	Dissolved (mç		Turbidi	ty(NTU)		ded Solids ig/L)
	Condition		Time	ropilouto	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
TCW-WQM1	Cloudy	Bough	10:03	1st	25.0	25.0	8.3	8.2	18.64	18.62	30100	30050	98.8	98.6	7.3	7.3	3.7	3.6	2.2	2.4
	Cloudy	Rough	10.03	2nd	25.0	25.0	8.2	0.2	18.60	10.02	30000	30050	98.4	90.0	7.3	7.5	3.4	3.0	2.5	2.4
	Claudu	NA	40.22	1st	23.9	23.9	6.6	6.6	0.02	0.00	54	54	58.4	62.6	4.9	5.3	1.8	1.7	<0.5	0.6
TCW-WQM2	Cloudy	NA	10:33	2nd	23.9	23.9	6.6	0.0	0.02	0.02	54	54	66.7	02.0	5.6	5.3	1.6	1.7	0.6	0.6
TCW-WQM3A	Claudu		40.50	1st	23.8	23.8	7.3	7.3	0.03	0.00	66	66	75.2	76.2	6.4	6.5	1.1	4.0	1.0	- 1.1
TCVV-VVQIVI3A	Cloudy	NA	10:52	2nd	23.8	23.8	7.3	7.3	0.03	0.03	65	00	77.1	70.2	6.5	0.0	1.3	1.2	1.1	1 1.1
TCW-WQM4	Claudu	NA	11:22	1st	24.0	24.0	6.8	6.8	0.02	0.02	49	49	44.4	43.6	3.7	3.7	2.6	2.6	<0.5	<0.5
	Cloudy	NA	11:22	2nd	24.0	24.0	6.8	0.8	0.02	0.02	49	49	42.7	43.0	3.6	3.7	2.6	2.0	<0.5	<0.5
	Claudu	NA	11.10	1st	23.9	22.0	7.5	7 5	0.02	0.00	45	45	80.1	70.7	6.8	0.7	2.0	0.4	<0.5	.0.5
TCW-WQM5A	Cloudy	NA	11:46	2nd	23.9	23.9	7.5	7.5	0.02	0.02	45	45	77.3	78.7	6.5	6.7	2.1	2.1	<0.5	<0.5
TCW-WQM6	Claudu	NA	09:40	1st	24.1	24.1	6.6	6.6	0.03	0.03	64	64	63.9	64.5	5.4	5.5	1.5	1.5	0.6	0.8
	Cloudy	NA	09:40	2nd	24.0	24.1	6.6	0.0	0.03	0.03	64	64	65.0	64.5	5.5	5.5	1.5	1.5	0.9	0.8
	Claude	NA	00.05	1st	24.0	24.0	9.0		0.04	0.04	94	04	103.0	101.0	8.7	0.0	2.2	2.3	1.9	1.0
TCW-WQM7	Cloudy	NA	09:25	2nd	24.0	24.0	8.9	8.9	0.04	0.04	93	94	100.8	101.9	8.5	8.6	2.4	2.3	1.9	- 1.9

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 October 2024 during Ebb Tide

Monitoring Station	Weather Condition	Tidal Condition	Sampling Time	Replicate	Water Temperature (°C)		рН		Salinity (ppt)		Conductivity (µS/cm)		DO Saturation (%)		Dissolved Oxygen (mg/L)		Turbidity(NTU)		Suspended Solids (mg/L)	
					Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
TCW-WQM1	Sunny	Rough	11:46	1st	26.5	26.5	8.2	8.2	31.13	31.21	47800	47900	79.2	79.6	5.4	5.4	4.8	5.0	2.4	2.7
				2nd	26.5		8.2		31.28	31.21	48000	47900	80.0		5.4	5.4	5.1	5.0	3.0	2.1
TCW-WQM2	Sunny	NA	12:51	1st	24.7	- 24.7 -	7.0	7.0	0.02	0.02	43	43	67.8	66.6	5.6		1.3	10	0.5	
				2nd	24.7		7.0		0.02	0.02	43		65.4		5.4	5.5	1.3	1.3	0.6	0.6
TCW-WQM3A	Sunny	NA	13:06	1st	25.1	25.1	7.6	7.6	0.04	0.04	83		73.8	72.3	6.1	- 6.0	2.6	0.5	1.4	
				2nd	25.1		7.6		0.04	0.04	82	83	70.7		5.8		2.3	2.5	1.4	1.4
TCW-WQM4	Sunny	NA	13:58	1st	24.5	- 24.5 -	6.7	6.7	0.02	0.00	48	- 48	46.8	46.3	3.9	- 3.9	1.1		<0.5	<0.5
				2nd	24.5		6.8		0.02	0.02	48		45.8		3.8		1.1	1.1	<0.5	
TCW-WQM5A	Sunny	NA	14:17	1st	24.9	- 24.9 -	7.8	7.8	0.02	0.00	46	40	74.4	74.6	6.2	- 6.2	3.7		<0.5	- <0.5
				2nd	24.9		7.8		0.02	0.02	46	46	74.8		6.2		3.5	3.6	<0.5	
TCW-WQM6	Sunny	NA	12:26	1st	24.5	24.5	7.3	7.2	0.03	0.00	66		61.3	61.0	5.1	5.4	2.4 2.2	2.3	<0.5	- 0.6
				2nd	24.5		7.2		0.03	0.03	66	66	60.6		5.1	5.1			0.7	
TCW-WQM7	Sunny	NA	12:11	1st	28.2	- 28.2 -	9.0	9.0	0.05	0.05	119	118	92.3	92.1	7.2	7.0	4.0	- 4.1	2.4	- 2.4
				2nd	28.2		9.0		0.05	0.05	116		91.8		7.2	7.2	4.1		2.4	

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.