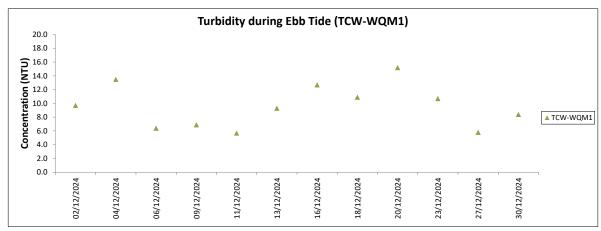


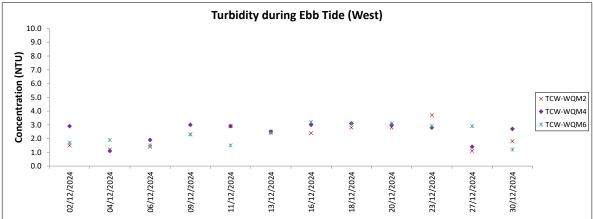
Note: The Action and Limit Level of dissolved oxygen can be referred to Table 4.3 of the monthly EM&A report.

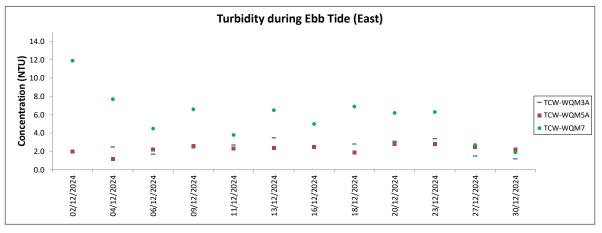
Major site activities carried out during the reporting period are summarized in Section 1.4 of the monthly EM&A report.

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.





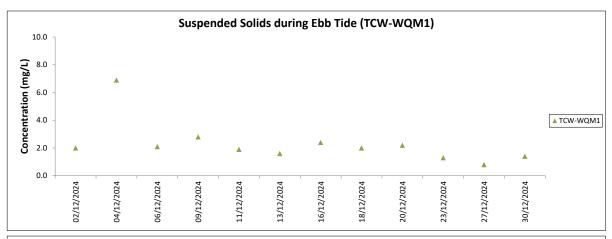


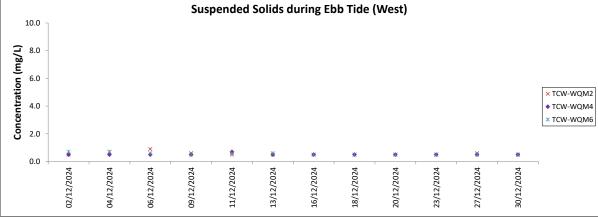
Note: The Action and Limit Level of turbidity can be referred to Table 4.3 of the monthly EM&A report.

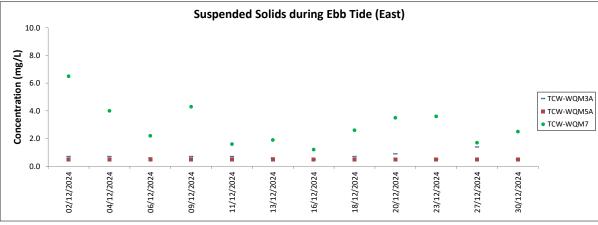
Major site activities carried out during the reporting period are summarized in Section 1.4 of the monthly EM&A report.

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.

Water Quality Monitoring Results on 02 December 2024 during Ebb Tide

Monitoring Station	Weather	Tidal Condition	Sampling	Replicate		mperature °C)	р	Н	Salinit	y (ppt)		uctivity /cm)	DO Satu	ation (%)	Dissolved (mg		Turbidi	ty(NTU)		ded Solids ng/L)
g	Condition		Time		Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
TCW-WQM1	Sunny	Rough	12:28	1st	22.6	22.6	8.3	8.3	27.06	27.05	42200	42200	74.4	70.9	5.5	5.3	9.8	9.7	1.7	2.0
TCVV-VVQIVIT	Suring	Rough	12.20	2nd	22.6	22.0	8.3	0.3	27.03	27.05	42200	42200	67.3	70.9	5.0	5.3	9.5	9.7	2.2	2.0
TCW-WQM2	Cummu	NIA	12.10	1st	19.7	19.7	7.1	7.1	0.02	0.02	46	40	74.7	73.5	6.8	6.7	1.7	1.5	<0.5	.0.5
TCVV-VVQIVIZ	Sunny	NA	13:40	2nd	19.8	19.7	7.1	7.1	0.02	0.02	46	46	72.2	73.5	6.6	6.7	1.3	1.5	<0.5	<0.5
TCM/ WOMON	Common	NA	42.50	1st	20.1	20.1	10.1	10.1	0.03	0.03	76	76	79.4	79.5	7.2	7.2	1.9	1.9	0.6	0.7
TCW-WQM3A	Sunny	INA	13:58	2nd	20.1	20.1	10.1	10.1	0.03	0.03	76	76	79.5	79.5	7.2	1.2	1.9	1.9	0.7	0.7
TCW-WQM4	Common	NA	14:22	1st	20.0	19.9	6.9	6.9	0.02	0.02	49	40	54.8	54.7	5.0	5.0	2.9	2.9	<0.5	<0.5
TCVV-VVQIVI4	Sunny	INA	14:22	2nd	19.8	19.9	6.9	6.9	0.02	0.02	49	49	54.5	54.7	5.0	5.0	2.9	2.9	<0.5	- <0.5
TCW-WQM5A	Cummu	NA	14:41	1st	19.8	19.8	7.4	7.4	0.02	0.02	47	47	75.7	75.3	6.9	6.9	1.8	2.0	<0.5	<0.5
TCW-WQM5A	Sunny	INA	14:41	2nd	19.8	19.8	7.4	7.4	0.02	0.02	47	47	74.9	75.3	6.8	6.9	2.1	2.0	<0.5	- <0.5
TCW-WQM6	Cummu	NA	13:00	1st	20.0	20.0	7.3	7.3	0.03	0.03	72	72	70.3	70.0	6.4	6.4	1.7	1.7	0.6	0.7
TCVV-VVQIVI6	Sunny	INA	13:00	2nd	20.0	20.0	7.3	7.3	0.03	0.03	72	12	69.7	70.0	6.4	0.4	1.7	1.7	0.8	0.7
TCW-WQM7	Sunny	NA	13:15	1st	24.0	24.0	9.7	9.7	0.07	0.07	160	157	95.5	95.4	8.0	8.0	11.7	11.0	6.4	6.5
TCVV-VVQIVI/	Suriny	INA	13.15	2nd	24.0	24.0	9.8	9.7	0.07	0.07	153	157	95.2	95.4	8.0	0.0	12.1	<u>11.9</u>	6.5	0.5

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 Results on 04 December 2024 during Ebb Tide

Monitoring Station	Weather	Tidal Condition	Sampling	Replicate	Water Te	mperature C)	р	Н	Salinit	y (ppt)	Condu (µS	uctivity /cm)	DO Satur	ration (%)	Dissolved (mg		Turbidi	ty(NTU)		ded Solids ig/L)
	Condition		Time		Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
TCW-WQM1	Common	Davish	14:29	1st	25.0	25.0	9.1	9.1	16.51	16.62	27000	27150	68.5	69.4	5.2	5.3	13.1	13.5	7.0	6.9
1CW-WQM1	Sunny	Rough	14:29	2nd	25.0	25.0	9.1	9.1	16.72	10.02	27300	2/150	70.2	09.4	5.3	5.3	13.8	13.5	6.7	6.9
TOW WOMO	0	NIA	40.54	1st	20.5	00.5	7.0	7.0	0.02	0.00	43	40	78.5	70.4	7.1	7.4	1.1	4.0	<0.5	0.7
TCW-WQM2	Sunny	NA	12:51	2nd	20.5	20.5	7.0	7.0	0.02	0.02	43	43	78.3	78.4	7.1	7.1	1.3	1.2	0.9	0.7
TOWNOMOA	0	NIA	40.00	1st	20.8	00.0	7.5	7.5	0.03	0.00	74	74	73.5	70.4	6.6	0.0	2.6	0.5	0.7	0.7
TCW-WQM3A	Sunny	NA	12:32	2nd	20.8	20.8	7.5	7.5	0.03	0.03	74	74	72.6	73.1	6.5	6.6	2.4	2.5	0.7	0.7
TOW WOMA	0	NIA	44.50	1st	20.4	00.4	6.8	0.0	0.02	0.00	52	50	54.6	54.0	4.9	4.0	1.0	4.4	<0.5	0.5
TCW-WQM4	Sunny	NA	11:52	2nd	20.4	20.4	6.8	6.8	0.02	0.02	51	52	53.8	54.2	4.9	4.9	1.1	1.1	<0.5	<0.5
TOWNSA	0	NIA	40.00	1st	20.9	00.0	7.4	7.4	0.02	0.00	47	47	77.2	70.0	6.9	0.0	1.1	1.2	<0.5	0.5
TCW-WQM5A	Sunny	NA	12:08	2nd	20.9	20.9	7.4	7.4	0.02	0.02	47	47	75.4	76.3	6.7	6.8	1.2	1.2	<0.5	<0.5
TOW WOM	0	NIA	40.07	1st	21.3	04.0	7.2	7.0	0.03	0.00	74	74	65.8	00.0	5.8	5.0	1.9	4.0	0.6	0.7
TCW-WQM6	Sunny	NA	13:37	2nd	21.2	21.2	7.2	7.2	0.03	0.03	74	74	66.2	66.0	5.9	5.9	1.9	1.9	0.7	0.7
TCW-WQM7	Common	NA	12:10	1st	25.1	25.2	9.8	9.8	0.07	0.07	157	159	72.0	72.4	5.9		7.7	7.7	4.4	4.0
1CVV-VVQIVI7	Sunny	INA	13:16	2nd	25.2	25.2	9.8	9.8	0.07	0.07	160	159	72.8	12.4	6.0	6.0	7.7	1 '.'	3.6	4.0

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 Results on 06 December 2024 during Ebb Tide

Monitoring Station	Weather	Tidal Condition	Sampling	Replicate	Water Te	mperature °C)	р	Н	Salinit	y (ppt)	Condu (µS	uctivity /cm)	DO Satu	ration (%)	Dissolved (mg	l Oxygen J/L)	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
TCW-WQM1	Cloudy	Rough	07:58	1st	21.8	21.8	8.6	8.6	26.83	26.82	41900	41850	57.9	58.1	4.4	4.4	6.2	6.4	1.8	2.1
TCVV-VVQIVIT	Cloudy	Kougii	07.56	2nd	21.8	21.0	8.6	0.0	26.80	20.02	41800	41000	58.3	30.1	4.4	4.4	6.5	0.4	2.4	2.1
TCW-WQM2	Cloudy	NA	09:23	1st	19.5	19.5	7.2	7.2	0.02	0.02	43	43	75.7	75.5	7.0	7.0	1.4	1.4	1.0	0.9
TCVV-VVQIVI2	Cloudy	INA	09.23	2nd	19.5	19.5	7.3	1.2	0.02	0.02	43	43	75.2	75.5	6.9	7.0	1.4	1.4	0.7	0.9
TCW-WQM3A	Common	NIA	09:53	1st	19.5	19.5	7.6	7.6	0.03	0.03	74	74	81.3	81.2	7.5	7.5	1.6	1.7	0.5	0.6
TCVV-VVQIVI3A	Sunny	NA	09:53	2nd	19.5	19.5	7.6	7.0	0.03	0.03	74	74	81.0	81.2	7.4	7.5	1.8	1.7	0.7	0.6
TOW WOMA	Common	NA	10:32	1st	20.1	20.1	6.7	6.7	0.02	0.02	52	52	46.0	45.7	4.2	4.2	1.9	1.9	<0.5	- <0.5
TCW-WQM4	Sunny	INA	10.32	2nd	20.1	20.1	6.7	6.7	0.02	0.02	52	52	45.3	45.7	4.1	4.2	1.9	1.9	<0.5	<0.5
TOW MOMEA	Cuppy	NA	10:49	1st	19.9	19.9	7.4	7.4	0.02	0.02	47	47	67.6	67.1	6.2	6.2	2.2	2.2	<0.5	- <0.5
TCW-WQM5A	Sunny	INA	10:49	2nd	19.9	19.9	7.4	7.4	0.02	0.02	47	47	66.5	67.1	6.1	0.2	2.2	2.2	<0.5	<0.5
TCW-WQM6	Clavely	NA	08:57	1st	20.0	20.0	7.0	7.0	0.04	0.04	79	79	70.5	70.8	6.4	6.5	1.4	1.5	0.5	0.6
TCVV-VVQIVIO	Cloudy	INA INA	08:57	2nd	20.0	20.0	6.9	7.0	0.04	0.04	79	79	71.0	70.8	6.5	0.5	1.5	1.5	0.7	0.6
TCW-WQM7	Cloudy	NA	08:41	1st	19.6	19.6	9.4	9.4	0.10	0.10	209	206	77.8	77.4	7.1	7.1	4.5	4.5	2.1	2.2
1 CVV-VVQIVI7	Cloudy	INA	00.41	2nd	19.6	19.0	9.4	9.4	0.10	0.10	203	200	76.9	11.4	7.0	7.1	4.5	4.5	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 Results on 09 December 2024 during Ebb Tide

Monitoring Station	Weather	Tidal Condition	Sampling	Replicate	Water Te	mperature °C)	р	Н	Salinit	ty (ppt)	Condi (µS	uctivity /cm)	DO Satu	ration (%)	Dissolved (mg	d Oxygen g/L)	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	Cloudy	Rough	08:32	1st	21.6	21.6	8.3	8.3	29.93	29.89	46200	46150	77.2	77.1	5.7	5.7	6.9	6.9	2.3	2.8
TCVV-VVQIVIT	Cloudy	Rough	06.32	2nd	21.6	21.0	8.3	0.3	29.84	29.09	46100	40100	76.9	77.1	5.7	5.7	6.9	0.9	3.2	2.0
TCW-WQM2	Clavely	NA	09:42	1st	18.4	18.4	7.2	7.2	0.02	0.02	46	46	67.5	66.5	6.3	6.2	2.1	2.3	0.5	0.6
TCVV-VVQIVIZ	Cloudy	INA INA	09:42	2nd	18.4	18.4	7.2	7.2	0.02	0.02	46	46	65.4	00.5	6.1	0.2	2.4	2.3	0.6	0.6
TOWN INCOMES	Oleverte	NIA	10.07	1st	18.4	40.4	7.8	7.0	0.04	0.04	83	00	81.2	04.0	7.6	7.0	2.5	0.4	0.7	0.7
TCW-WQM3A	Cloudy	NA	10:07	2nd	18.4	18.4	7.8	7.8	0.04	0.04	83	83	81.3	81.3	7.6	7.6	2.3	2.4	0.7	0.7
TCW-WQM4	Oleverte	NA	10.50	1st	18.5	18.5	7.0	7.1	0.02	0.02	50	50	40.9	44.4	3.8	3.9	3.0	3.0	0.5	- 0.5
TCVV-VVQIVI4	Cloudy	INA INA	10:56	2nd	18.5	18.5	7.1	7.1	0.02	0.02	50	50	41.2	41.1	3.9	3.9	2.9	3.0	<0.5	0.5
TOWN MONATA	Clavely	NA	11.10	1st	18.4	40.4	7.6	7.0	0.02	0.00	48	40	74.2	73.2	7.0		2.7	2.0	<0.5	- <0.5
TCW-WQM5A	Cloudy	INA INA	11:19	2nd	18.4	18.4	7.6	7.6	0.02	0.02	48	48	72.2	73.2	6.8	6.9	2.5	2.6	<0.5	<0.5
TCW-WQM6	Clavely	NA	09:15	1st	19.0	19.0	7.5	7.5	0.03	0.03	75	75	60.8	61.2	5.6	5.7	2.3	2.3	<0.5	0.5
TCVV-VVQIVIO	Cloudy	INA INA	09:15	2nd	19.0	19.0	7.5	7.5	0.03	0.03	74	/5	61.6	01.2	5.7	5.7	2.3	2.3	0.5	0.5
TCW-WQM7	Cloudy	NIA	09:57	1st	18.5	18.5	9.6	0.6	0.08	0.00	180	177	83.1	82.7	7.8	7.0	6.7	6.6	4.4	4.3
1 CVV-VVQIVI7	Cloudy	NA	08:57	2nd	18.5	16.5	9.6	9.6	0.08	0.08	173	177	82.2	02.7	7.7	7.8	6.4	6.6	4.2	4.3

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 Results on 11 December 2024 during Ebb Tide

Monitoring Station	Weather	Tidal Condition	Sampling	Replicate	Water Te	mperature °C)	р	Н	Salinit	ty (ppt)		uctivity /cm)	DO Satur	ation (%)	Dissolved (mg	l Oxygen J/L)	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	Cloudy	Rough	09:07	1st	21.8	21.8	8.5	8.5	28.22	28.26	43800	43850	61.3	60.7	4.6	4.6	5.6	5.7	1.6	1.9
TCVV-VVQIVIT	Cloudy	Kougii	09.07	2nd	21.8	21.0	8.5	6.5	28.30	20.20	43900	43630	60.1	60.7	4.5	4.0	5.7	5.7	2.1	1.9
TCW-WQM2	Cloudy	NA	10:10	1st	19.8	19.8	7.4	7.4	0.02	0.02	46	46	68.5	67.6	6.3	6.2	2.9	2.9	<0.5	- <0.5
TCVV-VVQIVI2	Cloudy	INA	10.10	2nd	19.8	19.0	7.4	7.4	0.02	0.02	46	40	66.7	07.0	6.1	0.2	2.9	2.9	<0.5	<0.5
TCW-WQM3A	Cloudy	NA	10:29	1st	20.0	20.0	7.8	7.8	0.04	0.04	86	- 86	83.2	83.1	7.6	7.6	2.7	2.7	0.6	- 0.7
TCVV-VVQIVISA	Cloudy	INA	10.29	2nd	19.9	20.0	7.9	7.0	0.04	0.04	86	00	82.9	03.1	7.6	7.6	2.7	2.1	0.7	0.7
TCW-WQM4	Clavely	NA	11:08	1st	19.8	19.8	6.8	6.8	0.02	0.02	51	F4	63.9	63.7	5.8	5.8	2.9	2.9	0.7	- 0.7
TCVV-VVQIVI4	Cloudy	INA	11:08	2nd	19.8	19.8	6.8	0.8	0.02	0.02	51	51	63.5	63.7	5.8	5.8	2.8	2.9	0.6	0.7
TCW-WQM5A	Clavely	NA	44.20	1st	20.0	20.0	7.4	7.4	0.02	0.02	47	47	78.7	78.3	7.2	7.2	2.2	2.3	<0.5	- <0.5
TCVV-VVQIVIDA	Cloudy	INA	11:28	2nd	20.0	20.0	7.4	7.4	0.02	0.02	47	47	77.8	78.3	7.1	1.2	2.4	2.3	<0.5	<0.5
TCW-WQM6	Clavely	NA	09:46	1st	20.2	20.2	7.6	7.6	0.03	0.03	72	72	65.4	66.3	5.9	6.0	1.5	1.5	0.6	0.6
TCVV-VVQIVIO	Cloudy	INA	09:46	2nd	20.2	20.2	7.6	7.0	0.03	0.03	72	12	67.2	00.3	6.1	6.0	1.5	1.5	0.6	0.6
TCW-WQM7	Cloudy	NA	09:27	1st	20.4	20.5	9.9	9.9	0.08	0.08	163	163	74.8	74.2	6.7	6.7	3.8	3.8	1.6	- 1.6
1 CVV-VVQIVI7	Cloudy	INA	09.27	2nd	20.6	20.5	9.9	9.9	0.08	0.00	162	103	73.6	14.2	6.7	0.7	3.7	3.0	1.6	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 Results on 13 December 2024 during Ebb Tide

Monitoring Station	Weather	Tidal Condition	Sampling	Replicate	Water Te	mperature C)		Н	Salinit	y (ppt)	Condo (µS	uctivity /cm)	DO Satur	ation (%)	Dissolved (mg	d Oxygen g/L)	Turbidi	ty(NTU)		led Solids g/L)
	Condition	Tradi Corrainon	Time	rtopiloato	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
TC)A/ \A/ON44	Common	Dough	11:20	1st	19.6	19.6	8.1	8.1	17.44	17.57	28400	28600	113.0	112.6	9.3	9.3	9.1	9.3	1.1	1.6
TCW-WQM1	Sunny	Rough	11.20	2nd	19.7	19.6	8.1	0.1	17.69	17.57	28800	20000	112.1	112.0	9.2	9.5	9.4	9.3	2.1	1.0
TOW WOMO	0	NIA	40.47	1st	19.0	40.0	7.2	7.0	0.02	0.00	48	40	73.8	74.0	6.8	0.0	2.3	0.5	<0.5	0.5
TCW-WQM2	Sunny	NA	12:17	2nd	19.0	19.0	7.2	7.2	0.02	0.02	48	48	74.8	74.3	6.9	- 6.9	2.6	2.5	<0.5	<0.5
TOWNS	•		10.05	1st	19.1	10.1	7.6	7.0	0.04	0.04	79	70	83.6	00.5	7.7		3.6	0.5	0.6	
TCW-WQM3A	Sunny	NA	12:35	2nd	19.1	19.1	7.6	7.6	0.04	0.04	79	79	83.4	83.5	7.7	7.7	3.3	3.5	0.6	0.6
TOWWOOLA	•		10.07	1st	19.2	40.0	7.0	7.0	0.02	0.00	50		48.1	47.7	4.4		2.5	0.5	<0.5	0.5
TCW-WQM4	Sunny	NA	13:07	2nd	19.2	19.2	7.0	7.0	0.02	0.02	50	50	47.3	47.7	4.4	4.4	2.4	2.5	<0.5	<0.5
TOWNSA	•		10.01	1st	19.2	40.0	7.5	7.5	0.02	0.00	47	4-7	97.6	07.0	9.0	0.4	2.5	0.4	<0.5	0.5
TCW-WQM5A	Sunny	NA	13:31	2nd	19.2	19.2	7.5	7.5	0.02	0.02	47	47	97.6	97.6	9.1	9.1	2.3	2.4	<0.5	<0.5
TOW WOM	0	NIA	44.50	1st	19.4	40.4	6.8	0.0	0.03	0.00	74	7.4	71.4	70.0	6.6	0.7	2.3	0.4	0.5	0.0
TCW-WQM6	Sunny	NA	11:53	2nd	19.4	19.4	6.8	6.8	0.03	0.03	74	74	72.9	72.2	6.7	6.7	2.4	2.4	0.7	0.6
TOM MON47	Communic	NIA	44.20	1st	19.6	10.0	9.7	0.7	0.08	0.00	169	407	82.5	00.0	7.6	7.0	6.6	0.5	1.8	1.0
TCW-WQM7	Sunny	NA	11:38	2nd	19.6	19.6	9.7	9.7	0.08	0.08	165	167	82.7	82.6	7.6	7.6	6.3	6.5	2.0	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 Results on 16 December 2024 during Ebb Tide

Monitoring Station	Weather	Tidal Condition	Sampling	Replicate	Water Te	mperature °C)	р	Н	Salinit	ty (ppt)	Condi (µS	uctivity /cm)	DO Satur	ation (%)	Dissolved (mg	l Oxygen J/L)	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	Cuppy	Dough	12:50	1st	20.1	20.1	8.3	8.3	27.78	27.83	43300	43350	97.6	97.9	7.5	7.6	12.6	12.7	1.7	2.4
TCVV-VVQIVIT	Sunny	Rough	12.50	2nd	20.1	20.1	8.3	0.3	27.88	27.03	43400	43330	98.2	97.9	7.6	7.6	12.7	12.7	3.1	2.4
TOWNSMA	0	NIA	44.44	1st	16.4	40.4	7.1	7.4	0.02	0.00	44	44	69.6	70.5	6.8	0.0	2.5	0.4	<0.5	0.5
TCW-WQM2	Sunny	NA	11:44	2nd	16.4	16.4	7.1	7.1	0.02	0.02	44	44	71.4	70.5	7.0	6.9	2.2	2.4	<0.5	<0.5
TOW WOMON			44.00	1st	16.1	40.4	7.5	7.5	0.04	0.04	83		91.9	24.0	9.1	0.4	2.6	0.5	<0.5	0.5
TCW-WQM3A	Sunny	NA	11:20	2nd	16.1	16.1	7.5	7.5	0.04	0.04	83	83	91.7	91.8	9.0	9.1	2.4	2.5	<0.5	<0.5
TOWNSMA	•		40.40	1st	16.6	40.0	7.0	7.0	0.02	0.00	51	5.4	61.6	04.0	6.0	0.0	3.0		<0.5	0.5
TCW-WQM4	Sunny	NA	10:40	2nd	16.6	16.6	7.0	7.0	0.02	0.02	51	51	61.0	61.3	6.0	6.0	3.0	3.0	<0.5	<0.5
TOWNSMEA	•		10.55	1st	16.0	40.0	7.3	7.0	0.02	0.00	48	40	85.5	05.7	8.4	0.5	2.5	0.5	<0.5	0.5
TCW-WQM5A	Sunny	NA	10:55	2nd	16.0	16.0	7.3	7.3	0.02	0.02	48	48	85.8	85.7	8.5	8.5	2.4	2.5	<0.5	<0.5
TOWNOMO	0	NIA	10.05	1st	17.1	47.4	6.9	0.0	0.04	0.04	78	70	68.3	00.4	6.6	0.7	3.2	3.2	<0.5	0.5
TCW-WQM6	Sunny	NA	12:25	2nd	17.1	17.1	6.9	6.9	0.04	0.04	78	78	69.8	69.1	6.7	6.7	3.1	3.2	<0.5	<0.5
TCW-WQM7	Cuppy	NIA	12:0E	1st	17.5	17.5	9.4	9.4	0.06	0.06	135	125	89.5	89.5	8.6	9.6	4.8	5.0	1.2	1.2
1 CVV-VVQIVI7	Sunny	NA	12:05	2nd	17.5	17.5	9.4	9.4	0.06	0.06	134	135	89.5	89.5	8.6	8.6	5.1	5.0	1.1	1.2

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 Results on 18 December 2024 during Ebb Tide

Monitoring Station	Weather	Tidal Condition	Sampling	Replicate	Water Te	mperature °C)	р	Н	Salinit	y (ppt)	Condu (µS	uctivity /cm)	DO Satu	ration (%)	Dissolved (mg	l Oxygen J/L)	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	Sunny	Rough	14:30	1st	20.8	20.8	8.2	8.2	20.39	20.43	32700	32750	73.0	70.6	5.8	5.6	10.8	10.9	2.1	2.0
TCVV-VVQIVIT	Suring	Kougii	14.30	2nd	20.8	20.6	8.2	0.2	20.46	20.43	32800	32730	68.1	70.6	5.4	5.6	11.0	10.9	1.9	2.0
TCW-WQM2	Sunny	NA	13:18	1st	17.7	17.7	7.1	7.0	0.02	0.02	44	44	67.2	67.7	6.4	6.5	2.8	2.8	<0.5	<0.5
TCVV-VVQIVI2	Suriny	INA	13.10	2nd	17.7	17.7	7.0	7.0	0.02	0.02	44	44	68.2	07.7	6.5	0.5	2.7	2.0	<0.5	<0.5
TCW-WQM3A	Common	NIA	12:55	1st	17.4	17.4	7.5	7.5	0.04	0.04	79	79	85.0	85.1	8.2	8.2	2.9	2.8	0.7	0.7
TCVV-VVQIVI3A	Sunny	NA	12:55	2nd	17.4	17.4	7.5	7.5	0.04	0.04	79	79	85.2	85.1	8.2	8.2	2.7	2.8	0.6	0.7
TOW WOMA	Common	NA	12:06	1st	17.1	17.1	6.7	6.7	0.02	0.02	49	40	71.3	69.1	6.9	6.7	3.0	3.1	<0.5	<0.5
TCW-WQM4	Sunny	INA	12:06	2nd	17.1	17.1	6.8	0.7	0.02	0.02	49	49	66.9	69.1	6.5	6.7	3.2	3.1	<0.5	<0.5
TOWN MONTO	Common	NA	12:27	1st	17.3	17.3	7.4	7.4	0.02	0.02	47	47	87.3	87.4	8.4	0.4	1.9	1.9	<0.5	<0.5
TCW-WQM5A	Sunny	INA	12:27	2nd	17.3	17.3	7.3	7.4	0.02	0.02	47	47	87.4	87.4	8.4	8.4	1.9	1.9	<0.5	<0.5
TCW-WQM6	Common	NA	13:58	1st	18.4	18.4	6.9	6.9	0.04	0.04	83	83	67.1	67.6	6.3	6.4	3.1	3.1	<0.5	<0.5
1 CVV-VVQIVIO	Sunny	INA	13:58	2nd	18.4	18.4	7.0	6.9	0.04	0.04	82	83	68.0	07.0	6.4	0.4	3.0	3.1	<0.5	<0.5
TCW-WQM7	Cuppy	NIA	12:27	1st	20.4	20.4	9.6	0.6	0.06	0.06	128	128	84.7	84.6	7.6	7.6	6.9	6.0	2.3	2.6
1 CVV-VVQIVI7	Sunny	NA	13:37	2nd	20.4	20.4	9.6	9.6	0.06	0.06	127	128	84.5	04.0	7.6	7.6	6.8	6.9	2.8	2.0

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 Results on 20 December 2024 during Ebb Tide

Monitoring Station	Weather	Tidal Condition	Sampling	Replicate	Water Te	mperature °C)	р	Н	Salinit	ty (ppt)	Condi (µS	uctivity /cm)	DO Satur	ation (%)	Dissolved (mg	l Oxygen J/L)	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	Cuppy	Rough	15:45	1st	21.5	21.5	8.3	8.3	27.36	27.43	42600	42700	94.6	93.0	7.1	7.0	15.3	15.2	1.7	2.2
TCVV-VVQIVIT	Sunny	Kougii	15.45	2nd	21.6	21.5	8.3	0.3	27.50	27.43	42800	42700	91.3	93.0	6.9	7.0	15.1	15.2	2.6	2.2
TCW-WQM2	Sunny	NA	13:45	1st	15.8	15.8	7.1	7.1	0.02	0.02	45	45	68.7	69.2	6.8	6.9	2.9	2.8	<0.5	0.5
TCVV-VVQIVI2	Suring	INA	13.45	2nd	15.8	15.0	7.1	7.1	0.02	0.02	45	45	69.6	09.2	6.9	6.9	2.7	2.0	0.5	0.5
TCW-WQM3A	Common	NIA	13:27	1st	15.4	15.4	7.6	7.6	0.04	0.04	83	83	84.3	84.4	8.4	8.5	3.0	3.1	1.0	0.9
TCVV-VVQIVI3A	Sunny	NA	13:27	2nd	15.4	15.4	7.6	7.0	0.04	0.04	83	83	84.5	84.4	8.5	8.5	3.1	3.1	0.8	0.9
TOW WOMA	Common	NA	12:45	1st	15.7	15.6	6.7	6.7	0.02	0.02	52	52	62.3	61.2	6.2	6.4	3.0	3.0	<0.5	<0.5
TCW-WQM4	Sunny	INA	12:45	2nd	15.5	15.6	6.6	0.7	0.02	0.02	52	52	60.0	61.2	6.0	6.1	2.9	3.0	<0.5	<0.5
TOWN MONTO	Common	NIA	12.04	1st	15.4	45.4	7.3	7.0	0.02	0.00	48	40	91.7	04.2	9.2	9.2	2.9	2.8	<0.5	<0.5
TCW-WQM5A	Sunny	NA	13:04	2nd	15.4	15.4	7.3	7.3	0.02	0.02	48	48	90.9	91.3	9.1	9.2	2.7	2.8	<0.5	<0.5
TCW-WQM6	Common	NA	15:03	1st	16.3	16.3	6.9	6.9	0.04	0.04	78	78	67.3	67.7	6.6	6.7	3.0	3.1	<0.5	<0.5
1 CVV-VVQIVIO	Sunny	INA	15:03	2nd	16.3	10.3	6.9	6.9	0.04	0.04	78	78	68.1	67.7	6.7	6.7	3.1	3.1	<0.5	<0.5
TCW-WQM7	Cuppy	NA	14:37	1st	18.4	18.4	9.5	9.5	0.06	0.06	129	131	83.8	83.3	7.9	7.9	6.2	6.2	3.5	3.5
1 CVV-VVQIVI7	Sunny	INA	14.37	2nd	18.4	10.4	9.5	9.5	0.06	0.00	133	131	82.7	03.3	7.8	7.8	6.2	0.2	3.4	3.5

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 Results on 23 December 2024 during Ebb Tide

Monitoring Station	Weather	Tidal Condition	Sampling	Replicate	Water Te	mperature °C)	р	Н	Salinit	y (ppt)	Condu (µS	uctivity /cm)	DO Satu	ration (%)	Dissolved (mg	l Oxygen J/L)	Turbidi	ty(NTU)		ded Solids ig/L)
	Condition		Time		Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
TCW-WQM1	Cloudy	Rough	08:42	1st	18.5	18.5	8.0	8.0	30.72	30.74	47500	47500	77.9	78.1	6.1	6.1	10.5	10.7	1.1	1.3
TCVV-VVQIVIT	Cloudy	Kougii	06.42	2nd	18.5	16.5	8.0	6.0	30.75	30.74	47500	47500	78.3	70.1	6.1	0.1	10.8	10.7	1.5	1.3
TCW-WQM2	Cloudy	NA	09:38	1st	15.6	15.6	7.1	7.1	0.02	0.02	49	49	62.4	63.8	6.2	6.4	3.8	3.7	<0.5	<0.5
TCVV-VVQIVI2	Cloudy	INA	09.36	2nd	15.6	15.6	7.1	7.1	0.02	0.02	49	49	65.1	03.0	6.5	0.4	3.6	3.7	<0.5	- <0.5
TCW-WQM3A	Clavely	NA	09:57	1st	15.4	15.4	7.8	7.8	0.04	0.04	91	91	85.1	84.9	8.5	8.5	3.5	3.4	<0.5	0.5
TCVV-VVQIVI3A	Cloudy	INA INA	09:57	2nd	15.4	15.4	7.8	7.8	0.04	0.04	91	91	84.6	84.9	8.5	8.5	3.2	3.4	0.5	0.5
TCW-WQM4	Clavely	NA	10:31	1st	15.5	15.5	6.9	6.9	0.02	0.02	51	F4	43.6	43.5	4.4	4.4	2.7	2.8	<0.5	<0.5
TCVV-VVQIVI4	Cloudy	INA INA	10:31	2nd	15.5	15.5	6.9	6.9	0.02	0.02	51	51	43.4	43.5	4.3	4.4	2.8	2.8	<0.5	<0.5
TCW-WQM5A	Clavely	NA	10:47	1st	15.5	15.5	7.5	7.5	0.02	0.02	48	40	77.3	78.7	7.7	7.9	2.7	2.8	<0.5	<0.5
TCVV-VVQIVIDA	Cloudy	INA INA	10:47	2nd	15.5	15.5	7.5	7.5	0.02	0.02	48	48	80.0	78.7	8.0	7.9	2.8	2.8	<0.5	<0.5
TCW-WQM6	Clavely	NA	09:16	1st	16.4	16.4	7.0	7.0	0.04	0.04	79	79	69.3	69.7	6.8	6.9	2.9	2.9	<0.5	<0.5
1 CVV-VVQIVIO	Cloudy	INA INA	09:16	2nd	16.4	10.4	7.0	7.0	0.04	0.04	78	79	70.0	69.7	6.9	6.9	2.8	2.9	<0.5	<0.5
TCW-WQM7	Cloudy	NA	09:00	1st	15.8	15.9	8.4	8.4	0.10	0.10	218	220	86.6	86.6	8.6	9.6	6.0	6.3	3.7	3.6
1 CVV-VVQIVI7	Cloudy	INA	09.00	2nd	15.9	15.9	8.4	0.4	0.10	0.10	221	220	86.6	00.0	8.6	8.6	6.5	0.3	3.4	3.0

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 Results on 27 December 2024 during Ebb Tide

Monitoring Station	Weather	Tidal Condition	Sampling	Replicate	Water Te	mperature C)	р	Н	Salinit	y (ppt)	Cond (µS	uctivity /cm)	DO Satur	ation (%)	Dissolved (mg	d Oxygen g/L)	Turbidi	ty(NTU)		ed Solids g/L)
g common	Condition		Time		Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
TCW-WQM1	Cloudy	Rough	10:15	1st	20.4	20.4	8.3	8.3	28.81	28.81	44700	44700	109.6	109.6	8.3	8.3	5.9	5.8	0.8	0.8
10W-WQWI	Cloudy	Rough	10.13	2nd	20.5	20.4	8.3	0.5	28.80	20.01	44700	44700	109.5	109.0	8.3	0.3	5.7	3.0	0.8	0.0
TCW-WQM2	Cloudy	NA	11:12	1st	18.2	18.3	6.7	6.7	0.02	0.02	37	37	71.2	70.8	6.7	6.7	1.1	1.1	0.6	0.6
TOW-WQIVIZ	Cloudy	INA	11.12	2nd	18.3	16.3	6.8	0.7	0.02	0.02	37	37	70.4	70.6	6.6	0.7	1.1	1.1	0.5	0.6
TCW-WQM3A	Cloudy	NA	11:44	1st	18.7	18.7	7.7	7.6	0.03	0.03	72	72	93.9	93.7	8.8	8.8	1.6	1.5	0.8	1.4
TCVV-VVQIVI3A	Cloudy	INA	11:44	2nd	18.7	18.7	7.6	7.6	0.03	0.03	72	12	93.4	93.7	8.7	8.8	1.3	1.5	2.0	1.4
TOWN MONA	Clavidy	NA	12:25	1st	17.8	17.8	6.6	6.5	0.02	0.02	42	42	63.0	62.8	6.0		1.3	1.4	<0.5	<0.5
TCW-WQM4	Cloudy	INA	12:25	2nd	17.8	17.8	6.5	0.5	0.02	0.02	42	42	62.6	02.8	6.0	6.0	1.4	1.4	<0.5	<0.5
TOWN MODATA	Clavidy	NIA	10.10	1st	18.8	40.0	7.3	7.3	0.02	0.02	41	44	86.3	05.4	8.0	0.0	2.4	2.5	<0.5	.0.5
TCW-WQM5A	Cloudy	NA	12:46	2nd	18.8	18.8	7.3	7.3	0.02	0.02	41	41	84.4	85.4	7.9	8.0	2.5	2.5	<0.5	<0.5
TOW MOME	Olevertee	NIA	40:47	1st	19.0	40.0	6.6	0.0	0.03	0.00	64	0.4	71.1	70.0	6.6	0.7	2.9	0.0	<0.5	0.5
TCW-WQM6	Cloudy	NA	10:47	2nd	18.9	19.0	6.6	6.6	0.03	0.03	64	64	72.8	72.0	6.8	6.7	2.9	2.9	<0.5	<0.5
TOW MON47	Cloudy	NIA	10:24	1st	19.5	10 F	8.6	9.6	0.08	0.00	180	178	108.9	109.6	10.0	10.0	2.6	2.7	1.3	4.7
TCW-WQM7	Cloudy	NA	10:34	2nd	19.5	19.5	8.6	8.6	0.08	0.08	175	1/8	108.3	108.6	10.0	10.0	2.8	2.1	2.0	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 Results on 30 December 2024 during Ebb Tide

Monitoring Station	Weather	Tidal Condition	Sampling	Replicate	Water Te	mperature °C)	р	Н	Salinit	y (ppt)	Condu (µS	uctivity /cm)	DO Satur	ration (%)	Dissolved (mg	l Oxygen J/L)	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	Sunny	Rough	12:57	1st	19.9	19.9	8.1	8.1	29.08	29.13	45100	45150	64.8	65.0	5.0	5.0	8.3	8.4	1.5	1.4
TCVV-VVQIVIT	Suring	Kougii	12.57	2nd	20.0	19.9	8.1	0.1	29.17	29.13	45200	45150	65.1	65.0	5.0	5.0	8.5	0.4	1.2	1.4
TCW-WQM2	Sunny	NA	13:55	1st	17.6	17.6	6.8	6.8	0.02	0.02	40	40	66.1	66.1	6.3	6.3	1.7	1.8	<0.5	- <0.5
TCVV-VVQIVI2	Suriny	INA	13.55	2nd	17.6	17.0	6.8	0.0	0.02	0.02	40	40	66.0	00.1	6.3	0.3	1.8	1.0	<0.5	<0.5
TCW-WQM3A	Common	NIA	14:30	1st	17.1	17.1	7.3	7.3	0.03	0.03	71	71	88.7	88.2	8.6	8.6	1.1	1.2	<0.5	- <0.5
TCVV-VVQIVI3A	Sunny	NA	14:30	2nd	17.1	17.1	7.3	7.3	0.03	0.03	71	'1	87.7	88.2	8.5	8.6	1.2	1.2	<0.5	<0.5
TCW-WQM4	Sunny	NA	14:58	1st	17.0	16.9	6.8	6.8	0.02	0.02	43	43	64.9	64.6	6.3	6.3	2.7	2.7	<0.5	- <0.5
TCVV-VVQIVI4	Suriny	INA	14.50	2nd	16.9	16.9	6.7	0.0	0.02	0.02	43	43	64.2	04.0	6.2	0.3	2.7	2.1	<0.5	<0.5
TCW-WQM5A	Cuppy	NA	15:19	1st	16.9	16.9	7.1	7.1	0.02	0.02	41	41	93.0	93.5	9.0	9.1	2.3	2.2	<0.5	- <0.5
TCVV-VVQIVIDA	Sunny	INA	15:19	2nd	16.9	16.9	7.1	7.1	0.02	0.02	41	41	93.9	93.5	9.1	9.1	2.0	2.2	<0.5	<0.5
TCW-WQM6	Sunny	NA	13:29	1st	18.1	17.9	6.5	6.4	0.03	0.03	74	74	72.8	73.2	6.9	7.0	1.3	1.2	<0.5	<0.5
1CVV-VVQIVIO	Suriny	INA	13.29	2nd	17.8	17.9	6.4	0.4	0.03	0.03	73	74	73.6	13.2	7.0	7.0	1.0	1.2	<0.5	<0.5
TCW-WQM7	Cuppy	NA	12:10	1st	21.1	21.1	8.8	8.7	0.07	0.07	154	154	91.3	91.3	8.1	8.1	1.9	1.9	2.4	2.5
1 CVV-VVQIVI7	Sunny	INA	13:18	2nd	21.1	21.1	8.7	0.7	0.07	0.07	153	104	91.2	91.3	8.1	0.1	1.9	1.9	2.6	2.5

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.