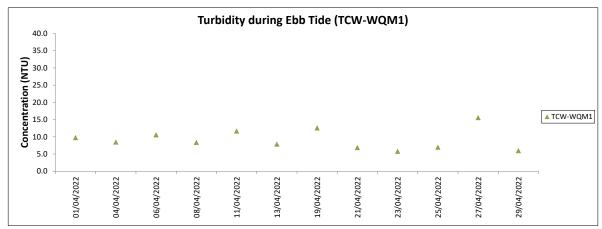


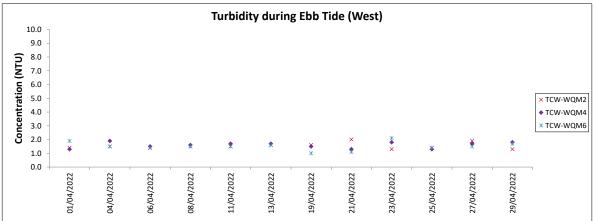
Note: The Action and Limit Level of dissolved oxygen can be referred to Table 4.3 of the monthly EM&A report.

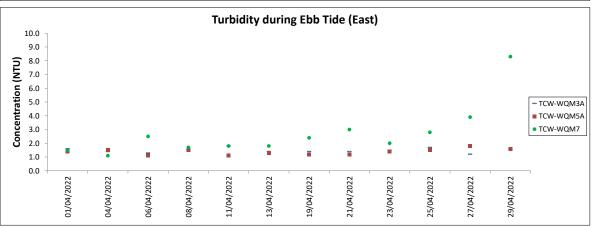
Major site activities carried out during the reporting period are summarized in Section 1.4 of the monthly EM&A report.

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.





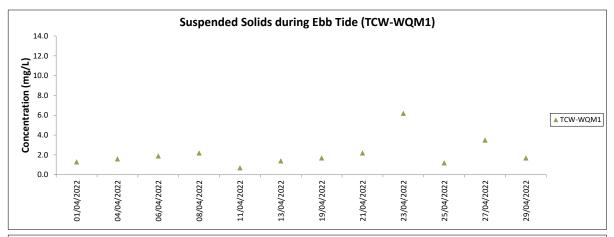


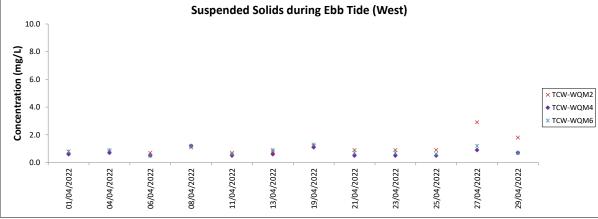
Note: The Action and Limit Level of turbidity can be referred to Table 4.3 of the monthly EM&A report.

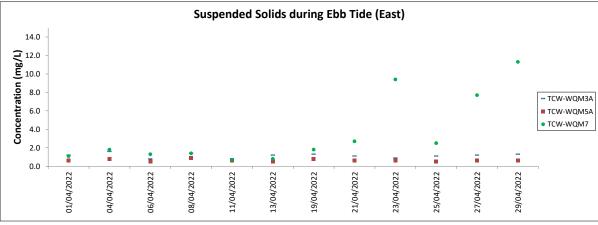
Major site activities carried out during the reporting period are summarized in Section 1.4 of the monthly EM&A report.

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 01 April 2022 during Ebb Tide

Monitoring Station	Weather	Tidal Condition	Sampling	Replicate	Water Ter	mperature C)	р	Н	Salinit	y (ppt)	Condo (µS	uctivity /cm)	DO Satu	ration (%)	Dissolved (mg		Turbidi	ty(NTU)		led Solids g/L)
3	Condition		Time	,	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
TCW-WQM1	Sunny	Rough	12:38	1st	22.6	22.6	7.8	7.8	26.76	26.78	41800	41800	106.4	106.4	7.9	7.9	9.8	9.8	1.4	1.3
1000-000001	Suring	Rough	12.30	2nd	22.6	22.0	7.8	7.0	26.80	20.70	41800	41000	106.3	100.4	7.9	7.5	9.8	9.0	1.2	1.5
TCW-WQM2	Sunny	NA	10:44	1st	21.3	21.3	6.5	6.5	0.02	0.02	51	- 52	61.2	57.8	5.4	5.1	1.3	1.4	0.7	0.8
TCW-WQIVIZ	Suring	INA	10.44	2nd	21.4	21.3	6.5	0.5	0.02	0.02	52	52	54.3	57.6	4.8	5.1	1.4	1.4	0.8	0.8
TCW-WQM3A	Sunny	NA	10:12	1st	21.6	21.6	7.0	7.0	0.04	0.04	78	78	83.9	83.7	7.4	7.4	1.5	1.6	1.1	- 1.2
TCW-WQIVISA	Suring	INA	10.12	2nd	21.6	21.0	7.0	7.0	0.04	0.04	78	70	83.4	03.7	7.3	7.4	1.7	1.0	1.2	1.2
TCW-WQM4	Sunny	NA	09:07	1st	21.3	21.3	6.2	6.2	0.02	0.02	49	49	59.2	57.8	5.2	5.1	1.2	1.3	0.6	0.6
TCW-WQIVI4	Suring	INA	09.07	2nd	21.3	21.3	6.1	0.2	0.02	0.02	48	49	56.3	57.6	5.0	5.1	1.3	1.3	0.5	0.6
TCW-WQM5A	Sunny	NA	09:34	1st	21.6	21.6	6.9	6.9	0.02	0.02	42	42	96.8	97.5	8.5	- 8.6	1.3	1.4	0.6	- 0.6
TCW-WQINISA	Suring	INA	09.34	2nd	21.6	21.0	6.9	0.9	0.02	0.02	42	42	98.2	97.5	8.7	0.0	1.5	1.4	0.6	0.0
TCW-WQM6	Sunny	NA	11:17	1st	21.4	21.4	6.5	6.5	0.02	0.02	55	- 55	53.5	55.2	4.7	4.9	1.9	1.9	0.7	0.8
TCW-WQINIO	Suring	INA	11.17	2nd	21.4	21.4	6.5	0.5	0.02	0.02	55	- 55	56.9	33.2	5.0	4.9	1.9	1.9	0.8	0.6
TCW-WQM7	Sunny	NA	11:38	1st	22.7	22.7	7.3	7.3	0.05	0.05	116	116	74.8	74.3	6.5	6.5	1.4	1.5	1.1	- 1.1
1000-00 QIVI7	Juliny	INA	11.30	2nd	22.7	22.1	7.4	7.5	0.05	0.03	116	110	73.8	74.5	6.4	0.5	1.5	1.5	1.1	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 Results on 04 April 2022 during Ebb Tide

Monitoring Station	Weather	Tidal Condition	Sampling	Replicate	Water Te	mperature C)		Н	Salinit	y (ppt)	Condo (µS	uctivity /cm)	DO Satur	ration (%)	Dissolved (mg	l Oxygen I/L)	Turbidi	ty(NTU)		ded Solids g/L)
January Graner	Condition	Tradi Corrainon	Time	rtopiloato	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
TC/A/ /A/CDA4	Comment	Dough	14:28	1st	22.6	22.6	8.0	8.0	25.48	25.47	40000	40000	111.7	111.5	8.3	8.3	8.5	8.5	1.5	1.6
TCW-WQM1	Sunny	Rough	14.20	2nd	22.7	22.0	8.0	0.0	25.45	25.47	40000	40000	111.3	111.5	8.3	0.3	8.5	0.5	1.6	1.6
TOW WOMO	0	NIA	40:40	1st	21.4	04.4	6.6	0.0	0.02	0.00	46	40	64.3	05.0	5.7	5.0	1.4	4.5	0.8	0.0
TCW-WQM2	Sunny	NA	12:48	2nd	21.4	21.4	6.6	6.6	0.02	0.02	46	46	67.5	65.9	6.0	5.9	1.6	1.5	0.8	0.8
TOWNS			10.10	1st	21.5	04.5	6.9	0.0	0.04	0.04	84	0.4	82.5	00.0	7.3	7.0	1.3		1.7	1.0
TCW-WQM3A	Sunny	NA	12:12	2nd	21.5	21.5	6.9	6.9	0.04	0.04	84	84	81.8	82.2	7.2	7.3	1.4	1.4	1.5	1.6
TOWWOOLA			44.40	1st	19.1	40.4	5.6	5.0	0.02	0.00	52		49.7	40.0	4.6	4.0	1.9	4.0	0.7	0.7
TCW-WQM4	Sunny	NA	11:13	2nd	19.2	19.1	5.6	5.6	0.02	0.02	52	52	50.1	49.9	4.6	4.6	1.9	1.9	0.6	0.7
TOWNSA			44.00	1st	21.3	04.0	7.1	7.1	0.02	0.00	42	40	95.8	00.0	8.5	0.0	1.5	4.5	0.7	0.0
TCW-WQM5A	Sunny	NA	11:39	2nd	21.3	21.3	7.1	7.1	0.02	0.02	42	42	96.5	96.2	8.6	8.6	1.4	1.5	0.8	0.8
TOW WOM	0	NIA	40.50	1st	21.8	04.0	6.5	0.5	0.40	0.40	812	040	65.7	05.0	5.8	5.0	1.5	4.5	0.9	0.0
TCW-WQM6	Sunny	NA	13:58	2nd	21.8	21.8	6.5	6.5	0.40	0.40	811	812	66.0	65.9	5.8	5.8	1.4	1.5	0.9	0.9
TO 141 141 OR 47	Communication	NIA	12.12	1st	28.4	20.4	7.2	7.0	0.88	0.00	1750	4705	76.5	70.0	5.9	5.0	1.1	4.4	1.8	4.0
TCW-WQM7	Sunny	NA	13:42	2nd	28.5	28.4	7.2	7.2	0.90	0.89	1780	1765	75.5	76.0	5.8	5.9	1.1	1.1	1.8	1.8

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 Results on 06 April 2022 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 ng/L)
3	Condition		Time	.,	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
TCW-WQM1	Cuppy	Rough	15:59	1st	25.0	25.0	8.5	8.5	19.05	19.11	30700	30800	116.5	116.8	8.6	8.7	10.1	10.6	1.9	1.9
TCVV-VVQIVIT	Sunny	Kougii	15.59	2nd	25.0	25.0	8.5	0.5	19.17	19.11	30900	30000	117.1	110.6	8.7	0.7	11.0	10.0	1.9	1.9
TCW-WQM2	Sunny	NA	14:12	1st	23.6	23.6	6.7	6.7	0.02	0.02	42	42	63.2	66.2	5.4	5.7	1.3	1.4	0.6	0.7
TCVV-VVQIVIZ	Suriny	INA	14.12	2nd	23.7	23.0	6.6	6.7	0.02	0.02	42	42	69.1	00.2	5.9	5.7	1.4	1.4	0.7	0.7
TCW-WQM3A	Common	NIA	13:35	1st	23.5	23.5	7.0	7.0	0.04	0.04	80	80	79.9	80.0	6.8	6.8	1.2	1.3	0.7	0.8
TCVV-VVQIVI3A	Sunny	NA	13:35	2nd	23.5	23.5	7.0	7.0	0.04	0.04	80	80	80.0	80.0	6.8	0.8	1.4	1.3	0.8	0.8
TCW-WQM4	Sunny	NA	12:24	1st	20.2	20.2	6.2	6.2	0.02	0.02	46	46	64.0	63.5	5.8	5.8	1.4	1.5	<0.5	<0.5
TCVV-VVQIVI4	Suriny	INA	12.24	2nd	20.2	20.2	6.2	0.2	0.02	0.02	46	40	62.9	03.5	5.7	5.0	1.6	1.5	<0.5	<0.5
TCW-WQM5A	Cuppy	NA	12:51	1st	23.7	23.7	7.3	7.3	0.02	0.02	42	42	94.1	92.1	8.0	7.8	1.1	1.1	<0.5	<0.5
TCVV-VVQIVIDA	Sunny	INA	12:51	2nd	23.7	23.7	7.3	7.3	0.02	0.02	42	42	90.1	92.1	7.6	7.8	1.1	1.1	<0.5	- <0.5
TOWN MONAC	Common	NA	14:49	1st	22.4	22.4	6.5	6.5	0.02	0.02	53	54	66.2	66.0	5.7	5.7	1.4	1.4	0.5	0.5
TCW-WQM6	Sunny	INA	14:49	2nd	22.4	22.4	6.5	6.5	0.02	0.02	54	54	65.7	00.0	5.7	5.7	1.4	1.4	0.5	0.5
TCW-WQM7	Cuppy	NA	15:24	1st	30.1	30.1	8.9	8.9	0.05	0.05	113	113	81.7	79.2	6.2	6.0	2.6	2.5	1.4	1.3
I CVV-VV QIVI7	Sunny	INA	15.24	2nd	30.1	30.1	8.9	0.8	0.05	0.05	113	113	76.6	19.2	5.8	6.0	2.4	2.5	1.2	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 Results on 08 April 2022 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)
3	Condition		Time		Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
TCW-WQM1	Cuppy	Rough	15:30	1st	26.5	26.5	8.8	8.8	25.36	25.37	39700	39750	136.5	137.6	9.5	9.6	8.4	8.4	2.1	2.2
TCVV-VVQIVIT	Sunny	Kougii	15.50	2nd	26.4	20.5	8.8	0.0	25.38	25.37	39800	39750	138.6	137.0	9.7	9.0	8.4	0.4	2.2	2.2
TCW-WQM2	Sunny	NA	13:00	1st	23.4	23.4	6.6	6.6	0.02	0.02	38	38	73.0	72.8	6.2	6.2	1.4	1.5	1.1	1.1
TCVV-VVQIVIZ	Suring	INA	13.00	2nd	23.4	23.4	6.6	0.0	0.02	0.02	38	30	72.6	12.0	6.2	0.2	1.5	1.5	1.1	
TCW-WQM3A	Common	NIA	12:15	1st	23.3	23.3	7.0	7.0	0.04	0.04	79	79	81.8	83.7	7.0	7.0	1.4	1.5	1.5	1.4
TCVV-VVQIVI3A	Sunny	NA	12:15	2nd	23.3	23.3	6.9	7.0	0.04	0.04	79	79	85.5	83.7	7.3	7.2	1.6	1.5	1.3	1.4
TOW WOMA	Common	NA	44.44	1st	20.7	20.7	6.2	6.2	0.03	0.03	56	F.C.	47.5	46.4	4.3	4.2	1.8	1.6	1.3	- 1.2
TCW-WQM4	Sunny	INA	11:11	2nd	20.8	20.7	6.2	0.2	0.03	0.03	56	56	45.2	40.4	4.0	4.2	1.4	1.0	1.1	1.2
TCW-WQM5A	Cuppy	NA	11:36	1st	23.2	23.2	7.3	7.2	0.02	0.02	42	42	95.8	95.5	8.2	8.2	1.4	1.5	0.9	- 0.9
TCVV-VVQIVIDA	Sunny	INA	11:36	2nd	23.2	23.2	7.2	7.2	0.02	0.02	42	42	95.2	95.5	8.1	8.2	1.5	1.5	0.8	0.9
TCW-WQM6	Common	NA	13:44	1st	22.4	22.4	6.5	6.5	0.02	0.02	54	FF	70.6	70.3	6.1	6.1	1.5	1.5	1.2	1.2
TCVV-VVQIVIO	Sunny	INA	13:44	2nd	22.4	22.4	6.5	0.5	0.02	0.02	55	55	69.9	70.3	6.1	0.1	1.5	1.5	1.2	1.2
TCW-WQM7	Suppy	NA	14:24	1st	31.7	31.7	9.0	9.0	0.05	0.05	107	107	76.2	75.3	5.6	5.6	1.6	1.7	1.4	1.4
1 CVV-VVQIVI7	Sunny	INA	14.24	2nd	31.7	31.7	9.0	9.0	0.05	0.05	107	107	74.4	15.3	5.5	5.6	1.8	1./	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 Results on 11 April 2022 during Ebb Tide

Monitoring Station	Weather	Tidal Condition	Sampling	Replicate	Water Te	mperature C)		Н	Salinit	y (ppt)	Condo (µS	uctivity /cm)	DO Satur	ration (%)	Dissolved (mg		Turbidi	ty(NTU)		led Solids g/L)
January Graner	Condition	Tradi Corrainon	Time	ropiloato	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
TC/A/ /A/CDA4	Common	Dough	09:07	1st	23.9	23.9	6.9	6.9	17.14	17.15	27900	27900	53.7	53.8	4.1	4.1	11.9	11.7	0.6	0.7
TCW-WQM1	Sunny	Rough	09:07	2nd	23.9	23.9	6.9	6.9	17.15	17.15	27900	27900	53.9	53.8	4.1	4.1	11.4	111.7	0.8	0.7
TOW WOMO	0	NIA	40.50	1st	22.8	00.0	6.6	0.0	0.02	0.00	40	40	62.1	04.0	5.4	5.4	1.4	4.5	0.6	0.7
TCW-WQM2	Sunny	NA	10:52	2nd	22.8	22.8	6.6	6.6	0.02	0.02	40	40	61.1	61.6	5.3	5.4	1.6	1.5	0.7	0.7
TOWNS	•		44.40	1st	23.4	00.4	7.0	7.0	0.04	0.04	77		80.8	04.0	6.9	0.0	1.8	4.0	0.9	
TCW-WQM3A	Sunny	NA	11:40	2nd	23.4	23.4	7.0	7.0	0.04	0.04	77	77	81.1	81.0	6.9	6.9	1.7	1.8	0.7	0.8
TOW WOLL	•		10.10	1st	21.8	04.0	6.4	0.4	0.02	0.00	45	45	55.2	50.0	4.9	4.7	1.8	4.7	<0.5	0.5
TCW-WQM4	Sunny	NA	12:18	2nd	21.8	21.8	6.4	6.4	0.02	0.02	45	45	51.1	53.2	4.5	4.7	1.6	1.7	<0.5	<0.5
TOWNSA	•		10.50	1st	24.8	04.0	7.4	7.4	0.02	0.00	43	40	86.8	07.0	7.2	7.0	1.1		0.5	
TCW-WQM5A	Sunny	NA	12:50	2nd	24.8	24.8	7.4	7.4	0.02	0.02	43	43	87.6	87.2	7.3	7.3	1.1	1.1	0.6	0.6
TOW WOM	0	NIA	00.40	1st	22.1	00.4	6.6	0.0	0.03	0.00	58	50	67.5	00.7	5.9	0.0	1.5	4.5	0.6	0.0
TCW-WQM6	Sunny	NA	09:43	2nd	22.1	22.1	6.6	6.6	0.03	0.03	57	- 58	69.9	68.7	6.1	6.0	1.5	1.5	0.6	0.6
TOW WORK	Commis	NIA	10:14	1st	25.8	25.0	8.8	0.0	0.04	0.04	93	02	81.4	00.4	6.6		1.7	4.0	0.7	0.7
TCW-WQM7	Sunny	NA	10:14	2nd	25.8	25.8	8.8	8.8	0.04	0.04	93	93	84.8	83.1	6.9	6.8	1.9	1.8	0.7	0.7

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 13 April 2022 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)		led Solids g/L)
lineime in g etailein	Condition		Time	ropiloato	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
TCW-WQM1	Cloudy	Rough	12:01	1st	26.1	26.1	8.7	8.7	22.57	22.57	35800	35800	114.5	115.9	8.2	8.3	7.9	7.9	1.3	1.4
1 CVV-VV QIVI 1	Cloudy	Kougii	12.01	2nd	26.1	20.1	8.7	6.7	22.57	22.37	35800	33800	117.2	115.9	8.4	0.3	7.8	7.9	1.5	1.4
TCW-WQM2	Cloudy	NA	10:07	1st	23.2	23.2	6.5	6.5	0.02	0.02	40	40	56.4	56.9	4.8	4.9	1.7	1.6	0.7	0.8
TCVV-VVQIVIZ	Cloudy	INA	10.07	2nd	23.2	23.2	6.5	6.5	0.02	0.02	39	40	57.3	56.9	4.9	4.9	1.5	1.0	0.9	0.8
TOW WOMAN	Clavidy	NA	09:37	1st	23.6	23.6	7.0	7.0	0.04	0.04	78	78	75.3	75.4	6.4	6.4	1.4	1.4	1.2	- 1.2
TCW-WQM3A	Cloudy	INA	09:37	2nd	23.6	23.0	7.0	7.0	0.04	0.04	77	78	75.5	75.4	6.4	0.4	1.3	1.4	1.1	1.2
TC\A\ \A\C\A4	Clavidy	NA	08:28	1st	22.3	22.3	6.2	6.2	0.02	0.02	45	45	51.1	51.4	4.4	4.5	1.6	1.7	<0.5	- 0.6
TCW-WQM4	Cloudy	INA	08:28	2nd	22.3	22.3	6.2	0.2	0.02	0.02	45	45	51.7	51.4	4.5	4.5	1.7	1.7	0.6	0.6
TOW WORKS	Clavidy	NIA	00.52	1st	23.5	23.5	7.2	7.2	0.02	0.02	44	44	83.1	02.4	7.1	7.4	1.3	4.0	<0.5	-0.5
TCW-WQM5A	Cloudy	NA	08:53	2nd	23.5	23.5	7.2	7.2	0.02	0.02	44	44	83.7	83.4	7.1	7.1	1.3	1.3	<0.5	<0.5
TOWN MOME	Clavidy	NA	40.54	1st	23.1	23.1	6.6	6.6	0.02	0.02	55		65.9	65.1	5.6	5.6	1.6	1.6	0.9	0.0
TCW-WQM6	Cloudy	INA	10:51	2nd	23.1	23.1	6.6	0.0	0.02	0.02	55	- 55	64.3	65.1	5.5	5.0	1.6	1.0	0.8	0.9
TOM MONT	Cloudy	NIA	11.17	1st	25.2	25.2	8.6	0.6	0.04	0.04	91	01	80.9	79.9	6.7	6.6	1.8	4.0	0.9	0.8
TCW-WQM7	Cloudy	NA	11:17	2nd	25.3	25.2	8.6	8.6	0.04	0.04	91	91	78.9	79.9	6.5	6.6	1.8	1.8	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 Results on 19 April 2022 during Ebb Tide

Monitoring Station	Weather	Tidal Condition	Sampling	Replicate	Water Te	mperature C)		Н	Salinit	y (ppt)	Condi (µS	uctivity /cm)	DO Satur	ration (%)	Dissolved (mg		Turbidi	ty(NTU)		led Solids g/L)
January Graner	Condition	Tradi Corrainon	Time	rtopiloato	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
TC/A/ /A/CDA4	Claudy	Dough	44.54	1st	22.5	22.5	8.2	8.2	27.24	27.25	42500	42500	84.8	84.7	6.3	6.3	12.5	12.6	1.8	1.7
TCW-WQM1	Cloudy	Rough	14:54	2nd	22.5	22.5	8.2	8.2	27.25	27.25	42500	42500	84.5	84.7	6.3	6.3	12.7	12.0	1.5	1.7
TOW WOMO	Deim	NIA	40.50	1st	21.2	04.0	6.6	0.0	0.02	0.00	41	44	54.5	50.0	4.8	4.7	1.7	4.0	1.1	4.0
TCW-WQM2	Rainy	NA	12:50	2nd	21.2	21.2	6.6	6.6	0.02	0.02	41	41	51.4	53.0	4.6	4.7	1.5	1.6	1.2	1.2
TOWNS	Б.		10.00	1st	21.0	24.0	6.8	0.0	0.04	0.04	79	70	75.1	75.0	6.7	0.7	1.3		1.2	1.0
TCW-WQM3A	Rainy	NA	12:03	2nd	21.0	21.0	6.8	6.8	0.04	0.04	79	79	75.5	75.3	6.7	6.7	1.4	1.4	1.4	1.3
TOW WOLL	01 1		10.01	1st	21.1	04.4	6.1	0.4	0.02	0.00	49	40	41.8	44.0	3.7	0.7	1.5	4.5	1.2	
TCW-WQM4	Cloudy	NA	10:31	2nd	21.1	21.1	6.1	6.1	0.02	0.02	49	49	41.7	41.8	3.7	3.7	1.4	1.5	1.0	1.1
TOWNSA	01 1		44.00	1st	21.0	04.0	7.0	7.0	0.02	0.00	44		87.1	05.5	7.8		1.2	4.0	0.7	
TCW-WQM5A	Cloudy	NA	11:09	2nd	21.1	21.0	7.0	7.0	0.02	0.02	44	44	83.9	85.5	7.5	7.7	1.2	1.2	0.9	0.8
TOW WOM	Deim	NIA	44.45	1st	21.2	04.0	6.6	0.0	0.28	0.00	578	570	60.4	00.0	5.4	5.4	1.0	4.0	1.3	4.0
TCW-WQM6	Rainy	NA	14:15	2nd	21.2	21.2	6.6	6.6	0.28	0.28	577	578	61.2	60.8	5.4	5.4	1.0	1.0	1.2	1.3
TOW WORK	Claudi	NIA	42.57	1st	21.5	24.5	7.4	7.4	0.42	0.40	850	050	65.8	05.4	5.8	5.0	2.4	2.4	1.8	4.0
TCW-WQM7	Cloudy	NA	13:57	2nd	21.5	21.5	7.4	7.4	0.42	0.42	850	850	64.9	65.4	5.7	5.8	2.3	2.4	1.8	1.8

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 Results on 21 April 2022 during Ebb Tide

Monitoring Station	Weather	Tidal Condition	Sampling	Replicate	Water Te	mperature 'C)	р	Н	Salinit	y (ppt)	Condi (µS	uctivity /cm)	DO Satur	ration (%)	Dissolved (mg		Turbidi	ty(NTU)		led Solids g/L)
January Graner	Condition	Tradi Condition	Time	ropiloato	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
TC/A/ /A/CDA4	Common	Dough	16:03	1st	25.2	25.2	8.4	8.4	28.21	28.21	43800	43800	96.1	95.0	6.7	6.7	6.7	6.9	2.1	2.2
TCW-WQM1	Sunny	Rough	16:03	2nd	25.2	25.2	8.4	8.4	28.21	28.21	43800	43800	93.8	95.0	6.6	0.7	7.1	0.9	2.2	2.2
TOW WOMO	0	NA	44.00	1st	25.4	05.4	6.7	0.7	0.02	0.00	39	00	65.2	05.0	5.4	5.4	2.0	0.0	0.9	0.0
TCW-WQM2	Sunny	NA	14:02	2nd	25.4	25.4	6.7	6.7	0.02	0.02	39	39	65.9	65.6	5.4	5.4	2.0	2.0	0.8	0.9
TOWNS	•		40.00	1st	24.7	24.0	6.9	0.0	0.04	0.04	79	70	77.9	77.4	6.5	0.5	1.3		1.1	
TCW-WQM3A	Sunny	NA	13:30	2nd	24.8	24.8	6.9	6.9	0.04	0.04	78	79	76.9	77.4	6.4	6.5	1.4	1.4	1.1	1.1
TOW WOLL	•		44.50	1st	22.2	00.0	6.4	0.4	0.03	0.00	61	0.4	51.4	54.0	4.5	4.5	1.3	4.0	0.5	0.5
TCW-WQM4	Sunny	NA	11:59	2nd	22.2	22.2	6.4	6.4	0.03	0.03	61	61	50.6	51.0	4.4	4.5	1.2	1.3	0.5	0.5
TOWNSA	•		40.00	1st	25.2	05.0	7.5	7.5	0.02	0.00	44		93.1	00.7	7.7		1.1	4.0	0.5	0.0
TCW-WQM5A	Sunny	NA	12:33	2nd	25.3	25.2	7.5	7.5	0.02	0.02	44	44	92.3	92.7	7.6	7.7	1.2	1.2	0.6	0.6
TOW WOM	0	NA	45.04	1st	23.8	00.0	6.5	0.5	0.81	0.00	1610	4000	60.8	04.0	5.1	5.0	1.2	4.4	0.7	0.7
TCW-WQM6	Sunny	NA	15:24	2nd	23.7	23.8	6.5	6.5	0.82	0.82	1630	1620	62.3	61.6	5.3	5.2	1.0	1.1	0.7	0.7
TOW WORK	Commis	NIA	45.04	1st	30.5	20.5	7.8	7.0	1.12	4.40	2210	2205	73.6	74.0	5.5	5.0	3.0	2.0	2.8	2.7
TCW-WQM7	Sunny	NA	15:01	2nd	30.5	30.5	7.8	7.8	1.12	1.12	2200	2205	68.7	71.2	5.1	5.3	3.0	3.0	2.6	2.7

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 23 April 2022 during Ebb Tide

Monitoring Station	Weather	Tidal Condition	Sampling	Replicate		mperature °C)	р	Н	Salinit	y (ppt)	Condi (µS	uctivity /cm)	DO Satur	ation (%)	Dissolved (mg		Turbidi	ty(NTU)		ded Solids ig/L)
3	Condition		Time		Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
TCW-WQM1	Sunny	Rough	16:05	1st	28.4	28.4	8.7	8.7	27.20	27.21	42400	42400	119.6	118.1	8.0	7.9	5.7	5.8	6.4	6.2
TCVV-VVQIVIT	Suring	Kougii	10.03	2nd	28.4	20.4	8.7	0.7	27.21	21.21	42400	42400	116.6	110.1	7.8	7.9	5.8	5.6	6.0	0.2
TCW-WQM2	Sunny	NA	14:01	1st	26.5	26.5	6.7	6.7	0.02	0.02	38	38	71.4	72.2	5.7	5.8	1.3	1.3	0.8	0.9
TCVV-VVQIVIZ	Suriny	INA	14.01	2nd	26.5	20.5	6.7	6.7	0.02	0.02	38	30	72.9	12.2	5.9	5.0	1.3	1.3	0.9	0.9
TCW-WQM3A	Common	NA	13:21	1st	26.5	26.5	7.1	7.1	0.03	0.03	76	76	80.6	79.3	6.5	6.4	1.5	1.5	0.8	0.9
TCVV-VVQIVI3A	Sunny	INA	13:21	2nd	26.5	20.5	7.1	7.1	0.03	0.03	76	76	78.0	79.3	6.3	0.4	1.5	1.5	0.9	0.9
TCW-WQM4	Sunny	NA	12:06	1st	23.4	23.4	6.5	6.5	0.02	0.02	51	51	58.2	55.5	5.0	4.8	1.7	1.8	0.5	0.5
TCVV-VVQIVI4	Suriny	INA	12.06	2nd	23.4	23.4	6.4	0.5	0.02	0.02	51	51	52.7	55.5	4.5	4.0	1.8	1.0	0.5	0.5
TCW-WQM5A	Cuppy	NA	12:32	1st	26.3	26.3	7.5	7.6	0.02	0.02	44	44	91.4	91.4	7.4	7.4	1.4	1.4	0.6	0.6
TCVV-VVQIVISA	Sunny	INA	12.32	2nd	26.3	20.3	7.6	7.6	0.02	0.02	44	44	91.4	91.4	7.4	7.4	1.3	1.4	0.5	0.6
TCW-WQM6	Sunny	NA	14:49	1st	25.1	25.1	6.5	6.5	0.03	0.03	61	61	54.5	57.1	4.5	4.7	2.1	2.1	0.6	0.7
TCVV-VVQIVIO	Suring	INA	14.49	2nd	25.1	23.1	6.5	0.5	0.03	0.03	61	01	59.7	57.1	4.9	4.7	2.1	2.1	0.7	0.7
TCW-WQM7	Sunny	NA	15:29	1st	31.5	31.5	8.3	8.3	0.05	0.05	103	104	79.8	77.3	5.9	5.7	1.9	2.0	8.6	9.4
1 C VV - VV Q IVI /	Suring	INA	10.29	2nd	31.5	31.0	8.3	0.3	0.05	0.05	104	104	74.8	11.3	5.5	5.7	2.0	2.0	10.2	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 Results on 25 April 2022 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)
J	Condition		Time		Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
TCW-WQM1	Cuppy	Rough	10:05	1st	26.2	26.2	8.1	8.1	24.92	24.93	39100	39150	80.5	80.1	5.7	5.7	7.0	7.0	1.1	1.2
TCVV-VVQIVIT	Sunny	Rough	10.05	2nd	26.1	20.2	8.0	0.1	24.94	24.93	39200	39150	79.6	00.1	5.6	5.7	7.0	7.0	1.3	1.2
TCW-WQM2	Common	NA	12:00	1st	25.6	25.6	6.7	6.7	0.02	0.02	41	41	54.8	55.5	4.5	4.6	1.3	1.4	0.9	0.9
TCVV-VVQIVIZ	Sunny	INA	12:00	2nd	25.7	25.6	6.7	0.7	0.02	0.02	41	41	56.2	55.5	4.6	4.0	1.5	1.4	0.9	0.9
TOWN INCOMES	Olevek	NIA	40.00	1st	26.2	00.0	7.1	7.4	0.04	0.04	77	70	65.9	66.7	5.3	5.4	1.6	4.7	1.1	
TCW-WQM3A	Cloudy	NA	12:33	2nd	26.2	26.2	7.1	7.1	0.04	0.04	78	78	67.5	66.7	5.5	5.4	1.7	1.7	1.1	1.1
TCW-WQM4	Olevek	NA	40.00	1st	24.3	24.3	6.4	0.4	0.02	0.02	48	40	46.9	40.0	3.9	3.9	1.2	4.0	0.5	- 0.5
TCVV-VVQIVI4	Cloudy	INA	13:06	2nd	24.3	24.3	6.4	6.4	0.02	0.02	48	48	46.3	46.6	3.9	3.9	1.3	1.3	0.5	0.5
TOW MOMEA	Clavely	NA	42.27	1st	26.3	20.2	7.5	7.5	0.02	0.00	44	44	91.8	04.0	7.4	7.4	1.5	4.5	<0.5	- <0.5
TCW-WQM5A	Cloudy	INA	13:37	2nd	26.3	26.3	7.5	7.5	0.02	0.02	44	44	90.1	91.0	7.3	7.4	1.4	1.5	<0.5	<0.5
TCW-WQM6	Common	NA	10:46	1st	24.9	25.0	6.7	6.7	0.03	0.03	59	- 58	65.3	64.3	5.4	5.3	1.3	1.4	<0.5	0.6
TCVV-VVQIVIO	Sunny	INA	10:46	2nd	25.0	25.0	6.7	0.7	0.03	0.03	57	58	63.3	64.3	5.2	5.3	1.4	1.4	0.6	0.6
TCW-WQM7	Cuppy	NA	11:30	1st	28.7	28.7	9.3	9.3	0.04	0.04	82	92	97.8	97.3	7.6	7.6	2.7	2.8	2.4	2.5
1 CVV-VVQIVI7	Sunny	INA	11.30	2nd	28.8	20.1	9.3	9.3	0.04	0.04	82	82	96.8	91.3	7.5	7.0	2.9	2.0	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.

Water Quality Monitoring Results on 27 April 2022 during Ebb Tide

Monitoring Station	Weather	Tidal Condition	Sampling	Replicate	Water Te	mperature C)		Н	Salinit	y (ppt)	Condo (µS	uctivity /cm)	DO Satur	ration (%)	Dissolved (mg		Turbidi	ty(NTU)		led Solids g/L)
January Graner	Condition	Tradi Corrainon	Time	ropiloato	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
TC/A/ /A/CDA4	Common	Dough	44.54	1st	28.6	28.6	8.9	8.9	24.40	24.40	38400	38400	127.5	126.5	8.6	8.6	15.7	15.6	3.6	3.5
TCW-WQM1	Sunny	Rough	11:54	2nd	28.6	28.6	8.9	8.9	24.39	24.40	38400	38400	125.5	120.5	8.5	8.6	15.5	15.0	3.3	3.5
TOW WOMO	0	NIA	40.00	1st	25.6	05.0	6.8	0.0	0.02	0.00	38	00	73.9	74.0	6.0	0.4	1.9	4.0	3.0	0.0
TCW-WQM2	Sunny	NA	10:29	2nd	25.7	25.6	6.8	6.8	0.02	0.02	38	- 38	74.1	74.0	6.1	6.1	1.9	1.9	2.8	2.9
TOWNS	0		00.40	1st	25.9	05.0	7.1	7.1	0.04	0.04	79	70	71.8	74.0	5.8	5.0	1.2	4.0	1.1	1.0
TCW-WQM3A	Sunny	NA	09:48	2nd	25.9	25.9	7.1	7.1	0.04	0.04	78	79	70.2	71.0	5.7	5.8	1.2	1.2	1.3	1.2
TOW WOLL	0		00.44	1st	24.6	04.5	6.3	0.0	0.02	0.00	49	40	42.7	40.0	3.6	0.0	1.6	1.7	0.9	
TCW-WQM4	Sunny	NA	08:44	2nd	24.5	24.5	6.3	6.3	0.02	0.02	49	49	43.3	43.0	3.6	3.6	1.7	1.7	0.8	0.9
TOWNSA	0	NIA	00:40	1st	25.4	05.4	7.3	7.0	0.02	0.00	45	45	83.3	04.4	6.8	0.0	1.7	4.0	0.6	0.0
TCW-WQM5A	Sunny	NA	09:18	2nd	25.4	25.4	7.3	7.3	0.02	0.02	45	45	84.9	84.1	7.0	6.9	1.8	1.8	0.6	0.6
TOW WOME	Cummu	NIA	10.50	1st	25.7	25.7	6.7	6.7	0.03	0.00	56	50	62.2	60.7	5.1	F 2	1.5	4.5	1.3	4.0
TCW-WQM6	Sunny	NA	10:52	2nd	25.7	25.7	6.7	0.7	0.03	0.03	56	- 56	65.2	63.7	5.3	5.2	1.5	1.5	1.1	1.2
TOW WORK	Cunni	NIA	11.12	1st	31.4	31.4	9.7	9.7	0.04	0.04	84	0.4	109.0	109.7	8.0	0.1	3.8	2.0	7.7	7.7
TCW-WQM7	Sunny	NA	11:12	2nd	31.4	31.4	9.7	9.7	0.04	0.04	84	84	110.4	109.7	8.1	8.1	4.0	3.9	7.6	<u>7.7</u>

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 29 April 2022 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	d Oxygen g/L)	Turbidit	y(NTU)		ded Solids g/L)
3	Condition		Time	.,	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
TCW-WQM1	Sunny	Rough	13:01	1st	28.8	28.8	8.5	8.5	23.68	23.70	37400	37400	94.4	92.8	6.4	6.3	6.0	6.0	1.8	1.7
TCVV-VVQIVIT	Suring	Kougii	13.01	2nd	28.8	20.0	8.5	6.5	23.71	23.70	37400	37400	91.1	92.0	6.2	0.3	5.9	0.0	1.6] './
TCW-WQM2	Sunny	NA	10:50	1st	26.3	26.3	6.8	6.8	0.02	0.02	38	38	75.2	76.3	6.1	6.2	1.2	1.3	1.9	1.8
TCVV-VVQIVI2	Suriny	INA	10.50	2nd	26.3	20.3	6.8	0.0	0.02	0.02	38	30	77.3	76.3	6.2	0.2	1.3	1.3	1.7	1.0
TCW-WQM3A	Common	NIA	10:04	1st	26.6	26.6	7.1	7.1	0.04	0.04	78	78	79.0	78.8	6.3	6.3	1.6	1.6	1.3	- 1.3
TCVV-VVQIVI3A	Sunny	NA	10:04	2nd	26.6	20.0	7.1	7.1	0.04	0.04	78	78	78.6	78.8	6.3	0.3	1.5	1.6	1.3	1.3
TOW WOMA	Common	NA	08:59	1st	24.8	24.8	6.4	C 4	0.02	0.02	49	40	43.5	43.7	3.6	3.6	1.8	1.8	0.6	- 0.7
TCW-WQM4	Sunny	INA	08:59	2nd	24.8	24.8	6.4	6.4	0.02	0.02	49	49	43.8	43.7	3.6	3.0	1.8	1.8	0.8	0.7
TCW-WQM5A	Common	NIA	09:29	1st	26.0	26.0	7.3	7.3	0.02	0.02	46	46	85.3	84.1	6.9	6.8	1.7	1.6	0.6	- 0.6
TCVV-VVQIVIDA	Sunny	NA	09:29	2nd	26.0	26.0	7.3	7.3	0.02	0.02	46	46	82.9	84.1	6.7	0.8	1.5	1.6	0.5	0.6
TOW MOME	Common	NA	11:24	1st	25.4	25.4	6.7	6.7	0.03	0.03	59	59	67.0	65.7	5.5	5.4	1.7	1.7	0.6	0.7
TCW-WQM6	Sunny	INA	11:24	2nd	25.4	25.4	6.7	0.7	0.03	0.03	59	59	64.4	65.7	5.3	5.4	1.7	1.7	0.8	0.7
TCW-WQM7	Cuppy	NIA	12:20	1st	30.6	30.6	9.8	0.0	0.05	0.05	101	101	99.1	99.1	7.4	7.4	8.3	8.3	10.0	44.2
1 CVV-VVQIVI7	Sunny	NA	13:30	2nd	30.6	30.6	9.8	9.8	0.05	0.05	101	101	99.0	99.1	7.4	7.4	8.3	0.3	12.6	<u>11.3</u>

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.