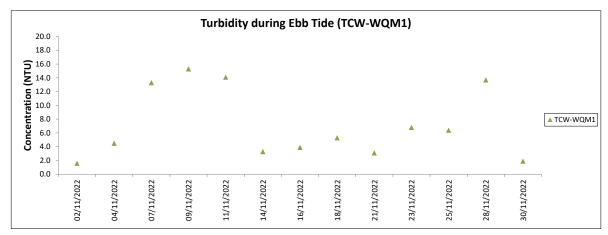


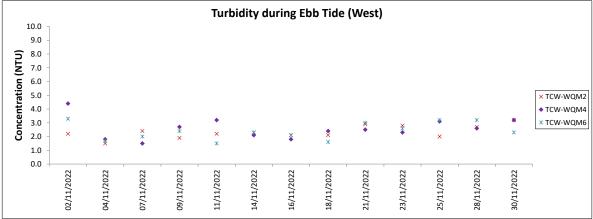
Note: The Action and Limit Level of dissolved oxygen can be referred to Table 4.3 of the monthly EM&A report.

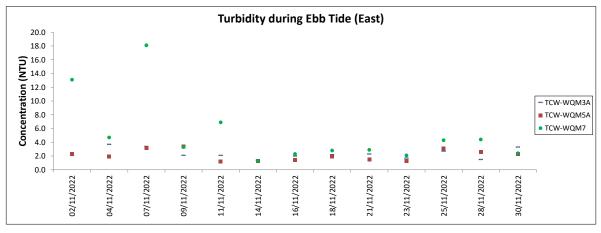
Major site activities carried out during the reporting period are summarized in Section 1.4 of the monthly EM&A report.

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.





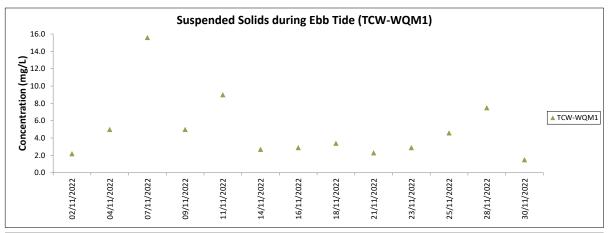


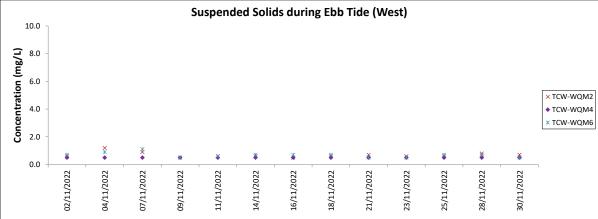
Note: The Action and Limit Level of turbidity can be referred to Table 4.3 of the monthly EM&A report.

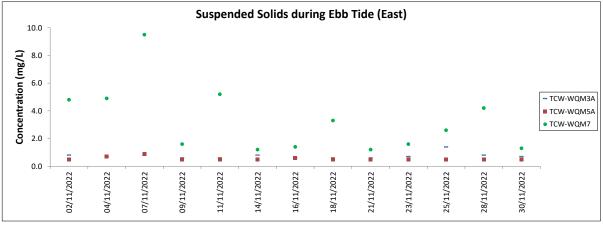
Major site activities carried out during the reporting period are summarized in Section 1.4 of the monthly EM&A report.

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 November 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	l Oxygen I/L)	Turbidi	ty(NTU)		ded 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/CN44	Claudy	Dough	07.07	1st	22.5	22.5	7.3	7.4	22.10	22.50	35200	35750	91.3	89.0	6.9	6.8	1.6	1.6	2.3	2.2
TCW-WQM1	Cloudy	Rough	07:37	2nd	22.6	22.5	7.4	7.4	22.89	22.50	36300	35750	86.6	69.0	6.6	0.0	1.6	1.0	2.1	2.2
TOW WOMO	Oleverte	NA	00.40	1st	21.6	04.0	6.6	0.0	0.02	0.00	54	5.4	71.9	70.0	6.3	0.4	2.0	0.0	0.6	0.0
TCW-WQM2	Cloudy	NA	08:42	2nd	21.6	21.6	6.6	6.6	0.02	0.02	54	54	72.4	72.2	6.4	6.4	2.3	2.2	0.6	0.6
TOWNS	0		22.22	1st	21.5	04.5	6.7	0.7	0.04	0.04	78	00	86.2	00.4	7.6	7.0	2.1	0.4	0.7	
TCW-WQM3A	Cloudy	NA	09:02	2nd	21.5	21.5	6.7	6.7	0.04	0.04	81	80	86.5	86.4	7.6	7.6	2.0	2.1	0.8	0.8
TOW WOLL			00.40	1st	21.9	04.0	6.3	0.0	0.02	0.00	45	45	46.8	40.4	4.1		4.4		0.5	0.5
TCW-WQM4	Rainy	NA	09:48	2nd	21.9	21.9	6.3	6.3	0.02	0.02	45	45	45.9	46.4	4.0	4.1	4.4	4.4	0.5	0.5
TOWNSA			22.22	1st	21.2	04.0	6.7	0.7	0.02	0.00	44		79.1	00.4	7.0	- 4	2.2	0.0	<0.5	0.5
TCW-WQM5A	Rainy	NA	09:28	2nd	21.3	21.2	6.7	6.7	0.02	0.02	44	44	87.6	83.4	7.8	7.4	2.4	2.3	<0.5	<0.5
TOW WOM	Datas	NA	00:40	1st	22.1	00.4	6.2	0.0	2.18	0.00	4110	4000	80.1	70.0	6.9	0.0	3.3	0.0	0.6	0.7
TCW-WQM6	Rainy	NA	08:18	2nd	22.1	22.1	6.3	6.2	2.38	2.28	4470	4290	77.0	78.6	6.6	6.8	3.2	3.3	0.8	0.7
TOW WORK	Daine	NIA	07.50	1st	21.1	21.1	7.3	7.0	0.06	0.00	136	137	113.1	440.0	10.1	40.4	13.2	40.4	4.7	4.0
TCW-WQM7	Rainy	NA	07:58	2nd	21.1	21.1	7.3	7.3	0.06	0.06	137	137	113.4	113.3	10.1	10.1	12.9	<u>13.1</u>	4.8	4.8

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 04 November 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		Turbidit	ty(NTU)		ded Solids ig/L)
	Condition		Time		Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
TOW WOMA	Olevertee	Downto	10.00	1st	24.1	24.1	7.1	7.1	21.63	21.98	34500	35000	48.7	48.9	3.6	0.0	4.5	4.5	5.1	5.0
TCW-WQM1	Cloudy	Rough	10:02	2nd	24.1	24.1	7.2	7.1	22.33	21.98	35500	35000	49.0	48.9	3.6	3.6	4.5	4.5	4.9	5.0
TCW-WQM2	Cloudy	NA	10:35	1st	23.0	23.0	6.9	6.9	0.02	0.02	46	46	56.1	56.5	4.8	4.9	1.5	1.5	1.2	1.2
TCVV-VVQIVIZ	Cloudy	INA	10.35	2nd	23.0	23.0	6.9	0.9	0.02	0.02	46	40	56.8	30.5	4.9	4.9	1.4	1.5	1.1	1.2
TCW-WQM3A	Cloudy	NA	11:03	1st	23.2	23.2	6.9	6.9	0.04	0.04	80	81	51.6	52.4	4.4	4.5	3.7	3.7	0.6	0.7
TCVV-VVQIVISA	Cloudy	INA	11.03	2nd	23.2	23.2	6.9	0.9	0.04	0.04	81	01	53.2	52.4	4.5	4.5	3.7	3.7	0.7	0.7
TCW-WQM4	Cloudy	NA	11:37	1st	22.8	22.8	6.3	6.3	0.02	0.02	44	44	44.1	42.8	3.8	3.7	1.7	1.8	<0.5	<0.5
1 C VV - VV Q IVI 4	Cloudy	INA	11.37	2nd	22.9	22.0	6.3	0.3	0.02	0.02	44	44	41.4	42.0	3.6	3.7	1.8	1.0	<0.5	<0.5
TCW-WQM5A	Cloudy	NA	12:00	1st	23.1	23.1	6.8	6.8	0.02	0.02	42	42	58.1	57.9	5.0	5.0	1.9	1.9	0.6	0.7
TCW-WQIVISA	Cloudy	INA	12.00	2nd	23.1	23.1	6.8	0.0	0.02	0.02	42	42	57.6	57.9	4.9	5.0	1.9	1.9	0.7	0.7
TCW-WQM6	Cloudy	NA	09:33	1st	23.2	23.2	6.3	6.3	0.03	0.03	64	64	73.7	73.1	6.3	6.3	1.7	1.7	0.8	0.9
TCVV-VVQIVIO	Cloudy	INA	09.33	2nd	23.2	23.2	6.3	0.3	0.03	0.03	64	04	72.5	73.1	6.2	0.3	1.7	1.7	0.9	0.9
TCW-WQM7	Cloudy	NA	09:04	1st	24.5	24.5	7.0	7.0	0.09	0.09	195	193	94.7	93.0	7.9	7.8	4.6	4.7	4.7	4.9
1 CVV-VVQIVI7	Cioudy	INA	09.04	2nd	24.5	24.5	7.0	7.0	0.09	0.09	191	193	91.2	93.0	7.6	1.0	4.8	4.7	5.1	4.9

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 07 November 2022 during Ebb Tide

Monitoring Station	Weather	Tidal Condition	Sampling	Replicate	Water Te	mperature	р	Н	Salinit	y (ppt)		uctivity /cm)	DO Satu	ration (%)	Dissolved (mg		Turbidi	ty(NTU)	•	led Solids g/L)
Wiemiering Clation	Condition	Tidal Condition	Time	rtophodio	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
TCW-WQM1	Claudy	Dough	11:59	1st	23.1	23.1	7.6	7.6	29.15	29.15	45100	45100	41.5	41.8	3.0	3.0	13.1	13.3	15.6	45.0
1CVV-VVQIVI1	Cloudy	Rough	11.59	2nd	23.1	23.1	7.6	7.0	29.15	29.15	45100	45100	42.0	41.0	3.0	3.0	13.5	13.3	15.5	<u>15.6</u>
TOW WOMO	Clavidy	NA	44.44	1st	22.2	22.2	6.6	0.0	0.02	0.02	45	45	60.6	64.6	5.3	F.4	2.4	2.4	0.9	0.9
TCW-WQM2	Cloudy	INA	11:14	2nd	22.2	22.2	6.6	6.6	0.02	0.02	45	45	62.6	61.6	5.5	5.4	2.4	2.4	0.9	0.9
TCW-WQM3A	Claudy	NA	10:49	1st	22.1	22.1	6.8	6.8	0.04	0.04	84	84	70.9	70.9	6.2		3.4	3.4	0.7	0.8
TCW-WQIVI3A	Cloudy	INA	10:49	2nd	22.1	22.1	6.8	0.8	0.04	0.04	84	84	70.9	70.9	6.2	6.2	3.3	3.4	0.9	0.8
TCW-WQM4	Claudy	NA	09:58	1st	22.6	22.5	6.3	6.3	0.02	0.02	49	49	63.1	64.5	5.5	5.6	1.4	1.5	<0.5	- <0.5
TCVV-VVQIVI4	Cloudy	INA	09:58	2nd	22.5	22.5	6.3	0.3	0.02	0.02	48	49	65.8	04.5	5.7	5.0	1.6	1.5	<0.5	<0.5
TCW-WQM5A	Clavidy	NA	10:20	1st	21.9	21.9	6.8	6.8	0.02	0.02	40	41	82.6	81.5	7.2	7.1	3.2	3.2	0.9	0.9
TCW-WQIVIDA	Cloudy	INA	10:20	2nd	21.9	21.9	6.8	0.8	0.02	0.02	41	41	80.3	81.5	7.0	7.1	3.1	3.2	0.8	0.9
TCW-WQM6	Clavidy	NA	12:29	1st	22.5	22.5	6.8	6.8	0.03	0.03	64	64	41.7	42.8	3.6	3.7	1.9	2.0	1.1	1.1
TCVV-VVQIVIO	Cloudy	INA	12:29	2nd	22.5	22.5	6.8	0.8	0.03	0.03	64	64	43.8	42.8	3.8	3.7	2.0	2.0	1.0	1.1
TCW-WQM7	Cloudy	NA	13:00	1st	23.8	23.8	9.2	9.2	0.05	0.05	112	112	64.2	64.3	5.4	5.4	18.0	10.1	9.7	0.5
TCVV-VVQIVI7	Cloudy	INA	13.00	2nd	23.8	23.0	9.2	9.2	0.05	0.05	112	112	64.3	04.3	5.4	3.4	18.2	<u>18.1</u>	9.3	<u>9.5</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 09 November 2022 during Ebb Tide

Monitoring Station	Weather	Tidal Condition	Sampling	Replicate	Water Te	mperature CC)	р	Н	Salinit	y (ppt)	Cond (µS	uctivity /cm)	DO Satur	ration (%)	Dissolved (mg	l Oxygen I/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	Cunni	Bough	13:14	1st	25.2	25.2	7.8	7.8	32.04	32.04	49100	49050	62.4	62.5	4.3	4.3	15.1	15.3	4.9	5.0
TCVV-VVQIVIT	Sunny	Rough	13.14	2nd	25.2	25.2	7.8	7.0	32.03	32.04	49000	49050	62.6	02.5	4.3	4.3	15.5	15.5	5.0	5.0
TCW-WQM2	Common	NA	11:50	1st	23.8	23.9	6.7	6.7	0.02	0.02	40	40	63.0	63.2	5.3	5.3	1.8	1.9	0.5	0.5
TCVV-VVQIVIZ	Sunny	INA INA	11:50	2nd	23.9	23.9	6.7	6.7	0.02	0.02	40	40	63.3	03.2	5.3	5.3	2.0	1.9	0.5	0.5
TOWNSANDA	0	NIA.	44.00	1st	23.7	00.7	6.8	0.0	0.04	0.04	85	0.5	64.3	00.7	5.4	5.4	2.1	0.4	0.6	0.0
TCW-WQM3A	Sunny	NA	11:22	2nd	23.7	23.7	6.8	6.8	0.04	0.04	85	85	63.1	63.7	5.3	5.4	2.1	2.1	0.5	0.6
TOW MONA	0	NIA.	40.00	1st	22.6	00.0	6.3	0.0	0.02	0.00	47	47	50.4	50.0	4.4	4.4	2.8	0.7	<0.5	0.5
TCW-WQM4	Sunny	NA	10:28	2nd	22.7	22.6	6.3	6.3	0.02	0.02	47	47	49.5	50.0	4.3	4.4	2.6	2.7	<0.5	<0.5
TOWNSAIGN	0	NIA.	40.54	1st	23.4	00.5	7.1	7.4	0.02	0.00	42	40	67.4	00.0	5.7	5.0	3.5	0.4	<0.5	0.5
TCW-WQM5A	Sunny	NA	10:51	2nd	23.5	23.5	7.1	7.1	0.02	0.02	42	42	68.9	68.2	5.9	5.8	3.2	3.4	<0.5	<0.5
TOWN MONAC	Common	NA	12:10	1st	23.7	22.7	6.3		0.03	0.03	61	C4	52.7	F0 F	4.5	4.5	2.2	2.4	<0.5	.0.5
TCW-WQM6	Sunny	INA INA	12:40	2nd	23.7	23.7	6.3	6.3	0.03	0.03	61	- 61	52.3	52.5	4.4	4.5	2.5	2.4	<0.5	<0.5
TCW-WQM7	Cunni	NA	12:21	1st	28.8	28.8	7.7	7.7	0.07	0.07	153	154	77.9	77.8	6.0	6.0	3.4	3.3	1.4	1.6
1 CVV-VVQIVI7	Sunny	INA	12:21	2nd	28.8	28.8	7.7	1.1	0.07	0.07	154	154	77.6	11.8	6.0	6.0	3.2	3.3	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 Results on 11 November 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	ation (%)	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	Sunny	Dough	14:09	1st	26.3	26.3	6.6	6.6	16.56	16.53	27000	26950	54.1	53.9	4.0	4.0	14.1	14.1	9.1	0.0
1CW-WQIVII	Suring	Rough	14.09	2nd	26.3	20.3	6.6	0.0	16.50	10.55	26900	20930	53.6	55.9	3.9	4.0	14.1	14.1	8.8	9.0
TCW-WQM2	Sunny	NA	12:45	1st	24.5	24.5	6.9	6.8	0.02	0.02	39	39	55.7	56.0	4.7	4.7	2.2	2.2	0.6	0.6
TCVV-VVQIVIZ	Suring	INA	12.45	2nd	24.5	24.5	6.8	0.0	0.02	0.02	39	- 39	56.3	56.0	4.7	4.7	2.2	2.2	0.5	0.6
TOW WOMON	Common	NA	12:10	1st	24.0	24.0	6.8	6.8	0.04	0.04	90	90	62.0	60.8	5.2	F 4	1.9	2.1	0.5	0.6
TCW-WQM3A	Sunny	INA	12:19	2nd	24.0	24.0	6.8	0.8	0.04	0.04	90	90	59.5	60.8	5.0	5.1	2.2	2.1	0.6	0.6
TOW WOMA	Common	NA	11:31	1st	23.5	23.5	6.4	6.4	0.02	0.02	49	49	53.7	52.7	4.6	4.5	3.1	3.2	<0.5	<0.5
TCW-WQM4	Sunny	INA	11:31	2nd	23.5	23.5	6.3	0.4	0.02	0.02	49	49	51.7	52.7	4.4	4.5	3.2	3.2	<0.5	<0.5
TCW-WQM5A	Common	NA	11:52	1st	23.7	23.7	7.1	7.1	0.02	0.02	43	43	75.2	74.2	6.4	6.3	1.2	1.2	0.5	0.5
TCVV-VVQIVISA	Sunny	INA	11:52	2nd	23.7	23.7	7.1	7.1	0.02	0.02	43	43	73.2	74.2	6.2	0.3	1.2	1.2	0.5	0.5
TCW-WQM6	Common	NA	42.25	1st	24.3	24.3	6.4	6.3	0.03	0.03	59	59	47.7	47.4	4.0	4.0	1.5	1.5	0.6	0.6
TCVV-VVQIVIO	Sunny	INA	13:35	2nd	24.4	24.3	6.3	0.3	0.03	0.03	59	59	47.0	47.4	3.9	4.0	1.4	1.5	0.6	0.6
TOW WORK	Cuppi	NIA	12:16	1st	28.7	28.7	8.5	0.5	0.08	0.00	163	162	72.5	73.1	5.6	5.7	6.9	6.0	5.3	F 2
TCW-WQM7	Sunny	NA	13:16	2nd	28.7	20.1	8.5	8.5	0.08	0.08	162	163	73.7	73.1	5.7	5.7	6.8	6.9	5.0	5.2

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 14 November 2022 during Ebb Tide

Monitoring Station	Weather	Tidal Condition	Sampling	Replicate	Water Te	mperature C)		Н	Salinit	y (ppt)	Condo (µS	uctivity /cm)	DO Satu	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/CN44	Claudy	Dough	07:40	1st	25.3	25.3	7.1	7.1	27.23	27.31	42400	42500	35.5	35.4	2.5	2.5	3.2	3.3	2.5	2.7
TCW-WQM1	Cloudy	Rough	07:40	2nd	25.3	25.3	7.1	7.1	27.39	27.31	42600	42500	35.2	35.4	2.5	2.5	3.4	3.3	2.8	2.7
TOW WOMO	Olevek	NIA	00.50	1st	23.2	00.0	6.7	0.7	0.02	0.00	41	44	57.6	57.5	4.9	4.0	2.2	0.0	0.6	0.0
TCW-WQM2	Cloudy	NA	08:59	2nd	23.2	23.2	6.7	6.7	0.02	0.02	40	41	57.4	57.5	4.9	4.9	2.3	2.3	0.6	0.6
TOWNS	01 1		22.25	1st	23.5	00.5	6.8	0.0	0.04	0.04	92	00	57.4	50.0	4.9	4.0	1.4		0.8	
TCW-WQM3A	Cloudy	NA	09:25	2nd	23.6	23.5	6.8	6.8	0.04	0.04	93	93	56.2	56.8	4.8	4.9	1.3	1.4	0.7	0.8
TOW WOLL	01 1		10.00	1st	23.0	00.0	6.2	0.0	0.02	0.00	45	45	39.9	00.0	3.4	0.4	1.9	0.4	0.5	0.5
TCW-WQM4	Cloudy	NA	10:08	2nd	23.1	23.0	6.1	6.2	0.02	0.02	45	45	39.9	39.9	3.4	3.4	2.2	2.1	0.5	0.5
TOWNSA	01 1		40.00	1st	24.2	24.0	7.1	7.1	0.02	0.00	43	40	54.6	547	4.6	4.0	1.3	4.0	0.5	0.5
TCW-WQM5A	Cloudy	NA	10:30	2nd	24.2	24.2	7.1	7.1	0.02	0.02	43	43	54.8	54.7	4.6	4.6	1.2	1.3	0.5	0.5
TOW WOM	Olevek	NIA	00.00	1st	23.3	00.0	6.6	0.0	0.03	0.00	60	00	56.8	57.0	4.9	5.0	2.2	0.0	0.6	0.7
TCW-WQM6	Cloudy	NA	08:28	2nd	23.3	23.3	6.6	6.6	0.03	0.03	60	- 60	58.7	57.8	5.0	5.0	2.3	2.3	0.7	0.7
TOW WORK	Clouds	NIA	09:40	1st	23.5	23.5	7.5	7.5	0.06	0.06	130	120	72.9	72.6	6.2	6.2	1.3	4.2	1.2	1.2
TCW-WQM7	Cloudy	NA	08:40	2nd	23.5	23.5	7.5	7.5	0.06	- 0.06	126	- 128	72.3	12.0	6.1	6.2	1.3	1.3	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 16 November 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	d Oxygen g/L)	Turbidi	ty(NTU)		ded 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
TOWN MODAL	Common	Dough	07:29	1st	25.6	25.6	7.4	7.4	30.64	30.66	47100	47150	41.2	40.8	2.8	2.8	4.0	3.9	2.8	2.9
TCW-WQM1	Sunny	Rough	07:29	2nd	25.6	25.6	7.4	7.4	30.67	30.00	47200	4/150	40.3	40.8	2.8	2.8	3.8	3.9	3.0	2.9
TOW WOMO	0	NA	00:40	1st	23.3	00.0	6.7	0.7	0.02	0.00	43	44	54.8	55.0	4.7	4.7	2.0	0.4	0.5	0.5
TCW-WQM2	Sunny	NA	08:43	2nd	23.3	23.3	6.7	6.7	0.02	0.02	44	44	55.5	55.2	4.7	4.7	2.1	2.1	0.5	0.5
TOWNS	•		00.07	1st	23.6	00.0	6.9	0.0	0.04	0.04	92	0.4	60.9	04.0	5.2	5.0	1.9		0.6	
TCW-WQM3A	Sunny	NA	09:07	2nd	23.6	23.6	6.9	6.9	0.04	0.04	95	94	61.0	61.0	5.2	5.2	2.0	2.0	0.6	0.6
TOW WOLL	•		00.40	1st	24.1	24.2	6.2	0.4	0.02	0.00	46	40	42.1	44.0	3.5	0.5	1.9	4.0	<0.5	0.5
TCW-WQM4	Sunny	NA	09:46	2nd	23.9	24.0	6.1	6.1	0.02	0.02	46	46	41.6	41.9	3.5	3.5	1.6	1.8	<0.5	<0.5
TOWNSA	•		10.17	1st	24.1	24.4	7.1	7.1	0.02	0.00	43	40	66.6	00.0	5.6	5.0	1.3		0.5	0.0
TCW-WQM5A	Sunny	NA	10:17	2nd	24.1	24.1	7.1	7.1	0.02	0.02	43	43	67.1	66.9	5.6	5.6	1.4	1.4	0.6	0.6
TOW WOM	0	NA	00:40	1st	23.3	00.0	6.7	0.0	0.03	0.00	60	00	57.2	57.0	4.9	4.0	2.0	0.4	0.7	0.7
TCW-WQM6	Sunny	NA	08:13	2nd	23.3	23.3	6.6	6.6	0.03	0.03	60	60	58.0	57.6	4.9	4.9	2.1	2.1	0.7	0.7
TOM MON47	Communication	NIA	07.54	1st	23.5	22.5	7.8	7.0	0.06	0.00	137	407	74.4	74.0	6.3	0.0	2.3	2.2	1.5	4.4
TCW-WQM7	Sunny	NA	07:54	2nd	23.5	23.5	7.8	7.8	0.06	0.06	137	- 137	74.1	74.3	6.3	6.3	2.3	- 2.3	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 18 November 2022 during Ebb Tide

Monitoring Station	Weather	Tidal Condition	Sampling	Replicate	Water Te	mperature CC)	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	Bough	07:44	1st	26.2	26.3	7.5	7.5	28.20	28.23	43700	43750	36.2	35.7	2.5	2.5	5.2	5.3	3.2	3.4
TCVV-VVQIVIT	Sunny	Rough	07.44	2nd	26.3	20.3	7.5	7.5	28.25	20.23	43800	43750	35.1	35.7	2.4	2.5	5.4	5.3	3.6	3.4
TOWNSMA	0	NIA	00.40	1st	23.2	00.0	6.7	0.7	0.02	0.00	46	40	52.0	54.0	4.4	4.4	2.1	0.4	0.5	0.0
TCW-WQM2	Sunny	NA	08:49	2nd	23.1	- 23.2	6.7	6.7	0.02	0.02	46	46	51.5	51.8	4.4	4.4	2.0	2.1	0.6	0.6
TOW WOMO			00.47	1st	23.4	00.4	6.8	0.0	0.04	0.04	93		59.4	50.4	5.1	5.4	2.1		0.5	0.0
TCW-WQM3A	Sunny	NA	09:17	2nd	23.4	23.4	6.8	6.8	0.04	0.04	93	93	58.7	59.1	5.0	5.1	2.3	2.2	0.6	0.6
TOWNORM	0	NIA	00:40	1st	24.0	00.0	6.2	0.0	0.02	0.00	45	45	48.3	40.0	4.1	4.0	2.4	0.4	<0.5	0.5
TCW-WQM4	Sunny	NA	09:48	2nd	23.9	23.9	6.1	6.2	0.02	0.02	45	45	50.3	49.3	4.3	4.2	2.4	2.4	<0.5	<0.5
TOWN INCOMES	0	NIA	10.01	1st	23.9	00.0	7.1	7.4	0.02	0.00	43	40	60.9	00.0	5.1	5.4	1.8	4.0	<0.5	0.5
TCW-WQM5A	Sunny	NA	10:21	2nd	23.9	23.9	7.1	7.1	0.02	0.02	43	43	60.7	60.8	5.1	5.1	1.9	1.9	<0.5	<0.5
TOWWOLK			00.04	1st	23.0	00.0	6.7	0.7	0.03	0.00	62	00	56.0	55.0	4.8	4.0	1.7	4.0	0.6	0.7
TCW-WQM6	Sunny	NA	08:21	2nd	23.0	23.0	6.6	6.7	0.03	0.03	62	62	55.2	55.6	4.7	4.8	1.5	1.6	0.8	0.7
TOW WOM7	0	NIA.	00.05	1st	23.1	00.4	7.9	7.0	0.08	0.00	169	400	69.4	00.0	5.9	0.0	2.8	0.0	3.4	0.0
TCW-WQM7	Sunny	NA	08:05	2nd	23.1	23.1	7.9	7.9	0.08	0.08	166	168	69.7	69.6	6.0	6.0	2.8	2.8	3.1	3.3

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 21 November 2022 during Ebb Tide

Monitoring Station	Weather	Tidal Condition	Sampling	Replicate	Water Te	mperature C)	р	Н	Salinit	y (ppt)		uctivity /cm)	DO Satur	ation (%)	Dissolved (mg		Turbidi	ty(NTU)		ded Solids g/L)
g	Condition		Time		Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
TCW-WQM1	Clavely	Davish	11:09	1st	25.7	25.7	7.4	7.3	23.09	23.09	36500	36500	51.4	51.3	3.7	3.7	3.0	3.1	2.1	2.3
TCW-WQIMT	Cloudy	Rough	11:09	2nd	25.7	25.7	7.3	7.3	23.08	23.09	36500	30000	51.1	51.3	3.7	3.7	3.2	3.1	2.4	2.3
TOW WOMO	Clavely	NA	00.40	1st	23.6	22.0	6.4	C 4	0.02	0.02	43	40	46.6	47.2	4.0	4.4	2.9	2.9	0.6	0.7
TCW-WQM2	Cloudy	INA	09:49	2nd	23.6	23.6	6.4	6.4	0.02	0.02	43	43	47.8	47.2	4.1	4.1	2.9	2.9	0.7	0.7
TOW WOMON	Clavely	NA	09:24	1st	23.4	23.4	6.5	6.5	0.04	0.04	93	93	53.5	53.7	4.6	4.6	2.2	2.3	0.6	0.6
TCW-WQM3A	Cloudy	INA	09:24	2nd	23.4	23.4	6.5	0.5	0.04	0.04	92	93	53.8	53.7	4.6	4.0	2.3	2.3	0.6	0.6
TCW-WQM4	Clavely	NA	08:34	1st	23.6	23.7	5.7	5.7	0.02	0.02	44	44	42.5	42.3	3.6	3.6	2.4	2.5	<0.5	<0.5
TCVV-VVQIVI4	Cloudy	INA	08:34	2nd	23.7	23.7	5.7	5.7	0.02	0.02	44	44	42.0	42.3	3.6	3.0	2.5	2.5	<0.5	<0.5
TCW-WQM5A	Clavely	NA	08:55	1st	23.1	23.1	6.5	6.5	0.02	0.02	44	44	65.2	65.8	5.6	5.7	1.5	1.5	<0.5	<0.5
TCW-WQIMDA	Cloudy	INA	08:55	2nd	23.1	23.1	6.5	0.5	0.02	0.02	44	44	66.3	00.8	5.7	5.7	1.4	1.5	<0.5	<0.5
TCW-WQM6	Clavely	NA	10:35	1st	23.8	23.8	6.1	6.1	0.03	0.03	58	58	48.7	48.1	4.1	4.1	2.8	3.0	<0.5	<0.5
TCVV-VVQIVIO	Cloudy	INA	10:35	2nd	23.8	23.8	6.1	0.1	0.03	0.03	58	58	47.5	48.1	4.0	4.1	3.1	3.0	<0.5	<0.5
TCW-WQM7	Cloudy	NA	10:16	1st	25.2	25.2	8.3	8.3	0.06	0.06	122	121	72.4	72.5	6.0	6.0	3.0	2.9	1.2	1.2
1CVV-VVQIVI7	Cloudy	INA	10.16	2nd	25.2	23.2	8.3	0.3	0.06	0.06	120	121	72.6	12.5	6.0	0.0	2.8	2.9	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 23 November 2022 during Ebb Tide

Monitoring Station	Weather	Tidal Condition	Sampling	Replicate	Water Te	mperature C)		Н	Salinit	y (ppt)	Condo (µS	uctivity /cm)	DO Satu	ration (%)	Dissolved (mg	l Oxygen I/L)	Turbidi	ty(NTU)		ded Solids g/L)
January Graner	Condition	Tradi Corranion	Time	rtopiloato	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
TC/A/ /A/CN44	Claudy	Dough	12.00	1st	25.5	25.5	7.6	7.6	28.58	28.58	44300	44300	36.6	36.5	2.6	2.0	6.7	6.0	3.0	2.9
TCW-WQM1	Cloudy	Rough	13:06	2nd	25.5	25.5	7.6	7.0	28.58	28.58	44300	44300	36.3	30.5	2.5	2.6	6.9	6.8	2.7	2.9
TOW WOMO	Olevek	NIA	44.50	1st	24.4	04.4	6.5	0.5	0.02	0.00	47	40	44.1	40.0	3.7	0.7	2.7	0.0	0.5	0.0
TCW-WQM2	Cloudy	NA	11:53	2nd	24.4	24.4	6.5	6.5	0.02	- 0.02	45	46	43.7	43.9	3.7	3.7	2.8	2.8	0.6	0.6
				1st	24.4		6.8		0.04		84		51.6		4.3		1.6		0.6	
TCW-WQM3A	Cloudy	NA	11:25	2nd	24.4	24.4	6.8	6.8	0.04	0.04	85	85	54.1	52.9	4.5	4.4	1.7	1.7	0.7	0.7
	<u> </u>			1st	24.2		6.3		0.02		47		41.0		3.4		2.1		<0.5	
TCW-WQM4	Cloudy	NA	10:31	2nd	24.0	24.1	6.3	6.3	0.02	0.02	46	47	40.8	40.9	3.4	3.4	2.5	2.3	<0.5	<0.5
TOWNSA	01 1		10.51	1st	24.2	24.0	7.0	7.0	0.02	0.00	45	45	58.7	50.0	4.9	5.0	1.4	4.0	<0.5	0.5
TCW-WQM5A	Cloudy	NA	10:54	2nd	24.2	24.2	7.0	7.0	0.02	0.02	45	45	59.3	59.0	5.0	5.0	1.2	1.3	<0.5	<0.5
TOWWAND	01 1		10.00	1st	24.4	24.4	6.3	0.0	0.03	0.00	60	00	47.0	40.0	3.9	0.0	2.6	0.0	<0.5	0.5
TCW-WQM6	Cloudy	NA	12:36	2nd	24.4	24.4	6.3	6.3	0.03	0.03	60	- 60	46.2	46.6	3.9	3.9	2.5	2.6	<0.5	<0.5
TO 14/ 14/ 0 147	Olevek	NIA.	40.00	1st	25.6	05.0	7.3	7.0	0.07	0.07	154	454	59.2	50.0	4.8	4.0	2.2	0.4	1.6	4.0
TCW-WQM7	Cloudy	NA	12:22	2nd	25.6	25.6	7.3	7.3	0.07	0.07	153	154	59.4	59.3	4.9	4.9	2.0	2.1	1.5	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 Results on 25 November 2022 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		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	Clavely	Davish	12.00	1st	25.6	25.6	6.9	6.9	13.60	13.61	22600	22600	58.3	59.2	4.4	4.5	6.3	6.4	4.7	4.6
1CW-WQM1	Cloudy	Rough	13:06	2nd	25.6	25.6	6.9	6.9	13.61	13.01	22600	22000	60.0	59.2	4.5	4.5	6.5	0.4	4.5	4.6
TOW WOMO	Oleverk	NIA	44.40	1st	24.1	04.4	6.7	0.7	0.02	0.00	44	44	41.3	44.7	3.5	0.5	1.9	0.0	0.6	0.0
TCW-WQM2	Cloudy	NA	11:18	2nd	24.1	24.1	6.7	6.7	0.02	0.02	44	44	42.1	41.7	3.5	3.5	2.0	2.0	0.6	0.6
TOWNOMOA	Oleverh	NIA	10.50	1st	23.9	00.0	6.9	0.0	0.03	0.00	74	74	50.7	50.5	4.3	4.0	2.7	0.7	1.3	
TCW-WQM3A	Cloudy	NA	10:56	2nd	23.9	23.9	7.0	6.9	0.03	0.03	74	74	50.3	50.5	4.2	4.3	2.6	2.7	1.4	1.4
TOW WOMA	Oleverh	NIA	40.00	1st	23.9	00.0	6.6	0.0	0.02	0.00	48	40	40.7	40.0	3.4	0.5	3.0	0.4	<0.5	0.5
TCW-WQM4	Cloudy	NA	10:06	2nd	23.6	23.8	6.6	6.6	0.02	0.02	47	48	41.0	40.9	3.5	3.5	3.1	3.1	<0.5	<0.5
TOWNSA	Oleverk	NIA	10.05	1st	23.9	00.0	7.3	7.0	0.02	0.00	44	44	60.7	00.0	5.1	5.4	3.1	0.4	<0.5	0.5
TCW-WQM5A	Cloudy	NA	10:25	2nd	23.9	23.9	7.3	7.3	0.02	0.02	44	44	59.6	60.2	5.0	5.1	3.0	3.1	<0.5	<0.5
TOW WOM	Oleverk	NIA	40.40	1st	24.1	04.4	6.4	0.4	0.03	0.00	64	0.4	44.0	44.0	3.7	0.7	3.3	3.2	0.7	0.7
TCW-WQM6	Cloudy	NA	12:18	2nd	24.1	24.1	6.4	6.4	0.03	0.03	64	64	43.9	44.0	3.7	3.7	3.0	3.2	0.6	0.7
TCW-WQM7	Clavely	NA	44.47	1st	27.2	27.2	7.4	7.4	0.15	0.16	327	328	56.4	55.5	4.5	4.4	4.1	4.3	2.5	2.6
1CVV-VVQIVI7	Cloudy	INA	11:47	2nd	27.2	21.2	7.4	7.4	0.16	0.16	328	328	54.6	55.5	4.3	4.4	4.5	4.3	2.7	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 28 November 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)
	Condition		Time		Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
TCW-WQM1	Cuppy	Dough	16:00	1st	26.9	26.9	6.9	6.9	9.20	9.19	15800	15750	49.3	49.6	3.7	3.8	13.7	13.7	7.6	7.5
TCVV-VVQIVIT	Sunny	Rough	16.00	2nd	26.9	20.9	6.9	6.9	9.17	9.19	15700	15750	49.9	49.0	3.8	3.0	13.7	13.7	7.3	<u>7.5</u>
TOWNSON	0	NIA	44.04	1st	25.2	05.0	6.8	0.0	0.02	0.00	40	40	58.3	50.4	4.8	4.0	2.7	0.7	0.7	0.0
TCW-WQM2	Sunny	NA	14:31	2nd	25.2	25.2	6.8	6.8	0.02	0.02	40	40	57.9	58.1	4.8	4.8	2.6	2.7	0.8	0.8
TOW WOMON			44.00	1st	25.2	05.0	6.9	0.0	0.04	0.04	93		65.0	05.7	5.4		1.6	4.5	0.8	
TCW-WQM3A	Sunny	NA	14:08	2nd	25.2	25.2	6.9	6.9	0.04	0.04	93	93	66.3	65.7	5.5	5.5	1.4	1.5	0.8	0.8
TOWNORM	0	NIA	40.00	1st	24.1	04.0	5.9	5.0	0.02	0.00	53	50	54.3	54.0	4.6	4.7	2.7	0.0	<0.5	0.5
TCW-WQM4	Sunny	NA	13:00	2nd	24.0	24.0	5.9	5.9	0.02	0.02	51	52	55.2	54.8	4.7	4.7	2.5	2.6	<0.5	<0.5
TOWN INCOMES	0	NIA	40.00	1st	25.1	05.4	7.0	7.0	0.02	0.00	44	44	71.4	74.0	5.9	0.0	2.6	0.0	<0.5	0.5
TCW-WQM5A	Sunny	NA	13:36	2nd	25.1	25.1	7.1	7.0	0.02	0.02	44	44	78.2	74.8	6.5	6.2	2.5	2.6	<0.5	<0.5
TOWNOMO	0	NIA	45.44	1st	25.1	05.4	6.5	0.5	0.03	0.00	63	00	53.6	50.0	4.4	4.4	3.2	3.2	0.6	0.7
TCW-WQM6	Sunny	NA	15:11	2nd	25.1	25.1	6.5	6.5	0.03	0.03	63	63	53.0	53.3	4.4	4.4	3.1	3.2	0.7	0.7
TCW-WQM7	Cuppy	NIA	14.54	1st	26.9	26.0	7.7	7.7	0.15	0.15	322	322	66.3	66.0	5.3	F 2	4.5	4.4	4.3	4.2
1 CVV-VVQIVI7	Sunny	NA	14:54	2nd	26.9	26.9	7.7	1.1	0.15	0.15	321	322	65.7	66.0	5.2	5.3	4.2	4.4	4.0	4.2

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 30 November 2022 during Ebb Tide

Monitoring Station	Weather	Tidal Condition	Compling	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	07:31	1st	25.6	25.7	7.5	7.5	28.12	28.16	43700	43750	32.4	32.3	2.3	0.0	1.8	1.9	1.6	1.5
				2nd	25.7		7.5		28.20	28.16	43800		32.2		2.2	2.3			1.4	1.5
TCW-WQM2	Cloudy	NA	08:50	1st	23.4	23.4	6.8	6.8	0.02	0.02	41	14	44.8	43.2	3.8	3.7	3.1	0.0	0.7	0.7
				2nd	23.4		6.8		0.02	0.02	41	41	41.5		3.5	3.7	3.3	3.2	0.6	0.7
TCW-WQM3A	Cloudy	NA	09:21	1st	23.7	23.7	6.9	6.9	0.04	0.04	93	05	58.8	50.0	4.6	4.7	3.3	0.0	0.7	0.7
				2nd	23.7		6.9		0.04		97	95	58.4	58.6	4.7	4.7	3.3	3.3	0.6	0.7
TCW-WQM4	Cloudy	NA	09:54	1st	23.5	23.6	6.4	6.4	0.02	0.02	47	47	47.1	46.1	4.1	- 4.1	3.2	- 3.2	<0.5	- <0.5
				2nd	23.7		6.4		0.02		47	47	45.0		4.0		3.2		<0.5	
TCW-WQM5A	Cloudy	NA	10:22	1st	23.7	23.7	7.1	7.1	0.02	- 0.02	47	47	64.2	60.4	5.4	5.1	2.4	- 2.3	<0.5	- <0.5
				2nd	23.7		7.1		0.02		46	47	56.5		4.8		2.1		<0.5	
TCW-WQM6	Sunny	NA	08:21	1st	23.4	23.4	6.1	6.1	0.03	- 0.03	65	C.F.	43.6	43.5	3.7	3.7	2.3	2.3	<0.5	- <0.5
				2nd	23.4		6.2		0.03		64	- 65	43.3	43.5	3.7	3.7	2.3		<0.5	
TCW-WQM7	Sunny	NA	08:33	1st	23.7	- 23.7	7.0	7.0	0.10	- 0.10	205	205	50.7	50.7	4.3	4.2	2.4	- 2.4	1.3	1.3
				2nd	23.8		7.1		0.10		204	205	50.7		4.3	4.3	2.3		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.