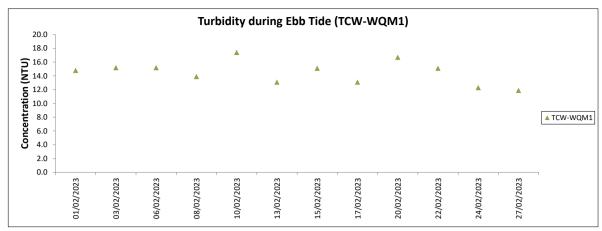


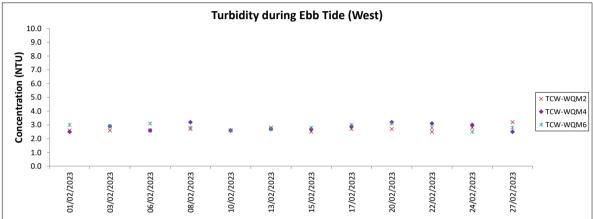
Note: The Action and Limit Level of dissolved oxygen can be referred to Table 4.3 of the monthly EM&A report.

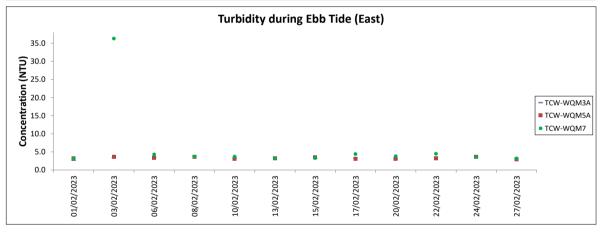
Major site activities carried out during the reporting period are summarized in Section 1.4 of the monthly EM&A report.

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.





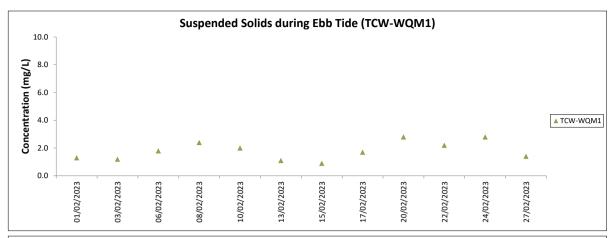


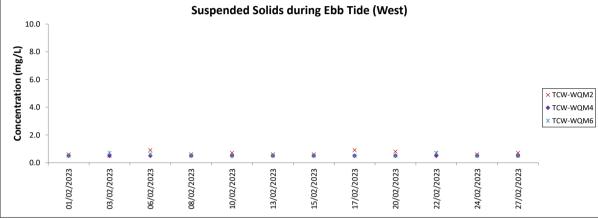
ote: The Action and Limit Level of turbidity can be referred to Table 4.3 of the monthly EM&A report.

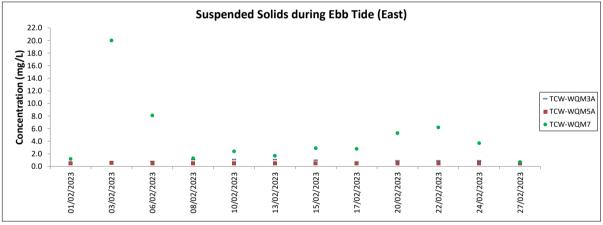
Major site activities carried out during the reporting period are summarized in Section 1.4 of the monthly EM&A report.

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 February 2023 during Flood Tide

Monitoring Station	Weather	Tidal Condition	Sampling	Replicate		mperature	р		Salinit	y (ppt)		uctivity /cm)	DO Satu	ation (%)	Dissolved (mg		Turbidi	ty(NTU)	•	led Solids g/L)
Wienitering Station	Condition	Tidal Condition	Time	rtopiloato	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
TCW-WQM1	Cunni	Dough	09:55	1st	20.1	20.1	8.4	8.4	27.89	27.89	43400	43400	76.5	74.0	5.9	5.7	14.0	14.8	1.2	1.3
TCVV-VVQIVIT	Sunny	Rough	09.55	2nd	20.1	20.1	8.4	0.4	27.89	27.09	43400	43400	71.5	74.0	5.5	5.7	15.5	14.0	1.3	1.3
TCW-WQM2	Sunny	NA	10:29	1st	17.0	17.0	7.4	7.4	0.01	0.01	35	35	51.7	51.1	5.0	5.0	2.5	2.6	0.5	0.6
TCVV-VVQIVIZ	Suriny	INA	10.29	2nd	17.0	17.0	7.4	7.4	0.01	0.01	35	- 35	50.5	51.1	4.9	5.0	2.6	2.0	0.6	0.6
TCW-WQM3A	Cunny	NA	10:56	1st	18.1	18.1	7.2	7.2	0.05	0.05	115	116	75.3	75.4	7.1	7.1	2.9	2.7	<0.5	<0.5
TCVV-VVQIVISA	Sunny	INA	10.56	2nd	18.1	10.1	7.2	1.2	0.05	0.05	117	110	75.5	75.4	7.1	7.1	2.5	2.1	<0.5	<0.5
TCW-WQM4	Sunny	NA	11:32	1st	16.0	16.0	6.8	6.8	0.02	0.02	36	- 36	40.5	39.8	4.0	4.0	2.3	2.5	<0.5	- <0.5
TCVV-VVQIVI4	Suriny	INA	11.32	2nd	16.0	16.0	6.8	0.0	0.02	0.02	36	30	39.0	39.0	3.9	4.0	2.7	2.5	<0.5	<0.5
TCW-WQM5A	Sunny	NA	12:05	1st	18.3	18.3	7.5	7.5	0.02	0.02	38	- 38	94.0	93.8	8.8	8.8	3.2	3.3	<0.5	<0.5
TCW-WQIVISA	Suriny	INA	12.05	2nd	18.3	10.3	7.5	7.5	0.02	0.02	38	30	93.6	93.0	8.8	0.0	3.4	3.3	<0.5	<0.5
TCW-WQM6	Sunny	NA	09:17	1st	17.4	17.4	6.6	6.6	0.03	0.03	56	- 56	71.6	71.5	6.9	6.9	2.7	3.0	<0.5	<0.5
TCVV-VVQIVIO	Suriny	INA	09.17	2nd	17.4	17.4	6.6	0.0	0.03	0.03	56	- 50	71.4	71.5	6.8	0.9	3.2	3.0	<0.5	<0.5
TCW-WQM7	Sunny	NA	09:01	1st	17.4	17.4	7.8	7.8	0.05	0.05	108	108	89.6	89.1	8.6	8.6	3.3	3.1	1.1	1.2
10vv-vvQivi7	Juliny	INA	03.01	2nd	17.4	17.4	7.9	7.0	0.05	0.05	108	100	88.5	03.1	8.5	0.0	2.8	3.1	1.2	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.

Value exceeding Action Level is underlined; Value exceeding Limit Level is bolded and underlined

Water quality monitoring was arranged at flood tide on 1 Feb 2023 for the sake of safety and ensure effective monitoring.

Water Quality Monitoring Results on 03 February 2023 during Ebb Tide

Monitoring Station	Weather		Sampling	_		mperature		Н	Salinit	y (ppt)		uctivity /cm)	DO Satu	ation (%)	Dissolved (mg		Turbidi	ty(NTU)	•	led Solids g/L)
Wienitering Station	Condition	Tidal Condition	Time	rtopiloato	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
TCW-WQM1	Cloudy	Bough	11:47	1st	20.0	20.0	8.6	8.6	32.12	32.11	49300	49300	129.4	130.9	9.7	9.9	14.8	15.2	1.2	1.2
1CVV-VVQIVI1	Cloudy	Rough	11.47	2nd	20.0	20.0	8.6	0.0	32.09	32.11	49300	49300	132.4	130.9	10.0	9.9	15.6	15.2	1.1	1.2
TOW WOMO	Claudy	NA	10.11	1st	17.6	17.7	6.8	0.0	0.02	0.02	43	42	47.6	45.9	4.5	4.4	2.3	2.6	<0.5	<0.5
TCW-WQM2	Cloudy	INA	10:14	2nd	17.7	17.7	6.8	6.8	0.02	0.02	43	43	44.1	45.9	4.2	4.4	2.8	2.0	<0.5	<0.5
TOW MONO	Claudy	NA	09:45	1st	17.8	17.8	6.9	6.9	0.05	0.05	110	111	75.5	75.8	7.2	7.2	3.2	3.4	0.6	- 0.6
TCW-WQM3A	Cloudy	INA	09:45	2nd	17.8	17.8	7.0	6.9	0.05	0.05	111	1111	76.1	75.8	7.2	1.2	3.6	3.4	0.6	0.6
TCW-WQM4	Claudy	NA	08:51	1st	16.8	16.8	5.9	5.9	0.02	0.02	42	42	46.1	45.6	4.5	4.5	2.7	2.9	<0.5	- <0.5
TCVV-VVQIVI4	Cloudy	INA	08:51	2nd	16.8	16.8	5.9	5.9	0.02	0.02	42	42	45.0	45.6	4.4	4.5	3.0	2.9	<0.5	<0.5
TCW-WQM5A	Claudy	NA	09:14	1st	17.4	17.4	6.7	6.7	0.02	0.02	46	40	88.9	89.4	8.5	8.6	3.3	3.6	0.6	0.6
TCW-WQIVIDA	Cloudy	INA	09:14	2nd	17.4	17.4	6.7	0.7	0.02	0.02	45	46	89.8	89.4	8.6	8.6	3.9	3.0	0.5	0.6
TCW-WQM6	Claudy	NA	10:43	1st	18.4	18.4	6.8	6.8	0.03	0.03	66	- 66	63.3	63.7	5.9	6.0	3.0	2.9	0.7	0.7
TCVV-VVQIVIO	Cloudy	INA	10:43	2nd	18.4	18.4	6.8	0.8	0.03	0.03	66	60	64.0	63.7	6.0	6.0	2.8	2.9	0.6	0.7
TCW-WQM7	Cloudy	NA	11:10	1st	21.4	21.4	9.5	9.6	0.05	0.05	110	110	79.7	78.0	7.1	6.9	36.1	26.2	19.7	20.0
1 CVV-VVQIVI7	Cloudy	INA	11.10	2nd	21.4	Z1. 4	9.7	9.0	0.05	0.05	110	110	76.2	70.0	6.7	0.9	36.4	<u>36.3</u>	20.2	<u>20.0</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 06 February 2023 during Ebb Tide

Monitoring Station	Weather	Tidal Condition	Sampling	Replicate	Water Te	mperature C)	р	Н	Salinit	y (ppt)	Condo (µS	uctivity /cm)	DO Satur	ration (%)	Dissolved (mg		Turbidi	ty(NTU)		ded Solids g/L)
January Graner	Condition	Tradi Condition	Time	rtopiloato	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
TCW-WQM1	Claudy	Dough	12.50	1st	20.2	20.2	8.5	8.5	29.04	29.02	45000	45000	145.6	146.0	11.1	11.2	14.9	15.2	1.7	1.8
1 CVV-VVQIVI1	Cloudy	Rough	12:50	2nd	20.2	20.2	8.5	8.5	28.99	29.02	45000	45000	146.3	146.0	11.2	11.2	15.4	15.2	1.9	1.8
TOW WOMO	Oleverte	NA	44.00	1st	19.0	40.0	6.7	0.7	0.02	0.00	45	45	40.3	00.0	3.7	0.7	2.8	0.0	0.8	0.0
TCW-WQM2	Cloudy	NA	11:23	2nd	19.0	19.0	6.7	6.7	0.02	0.02	45	45	39.5	39.9	3.7	3.7	2.3	2.6	0.9	0.9
TOWNS	0		10.55	1st	19.1	40.4	6.9	0.0	0.06	0.00	127	407	68.5	00.7	6.3	0.4	3.4	0.5	0.8	
TCW-WQM3A	Cloudy	NA	10:55	2nd	19.1	19.1	6.9	6.9	0.06	0.06	127	127	68.8	68.7	6.4	6.4	3.5	3.5	0.8	0.8
TOW WOLL	0		00.50	1st	17.9	47.0	6.3	0.0	0.02	0.00	43	40	41.9	44.0	4.0	4.0	2.4	0.0	<0.5	0.5
TCW-WQM4	Cloudy	NA	09:58	2nd	18.0	17.9	6.3	6.3	0.02	0.02	43	43	41.3	41.6	3.9	4.0	2.7	2.6	<0.5	<0.5
TOWNSA	0		10.05	1st	18.5	40.5	6.9	0.0	0.02	0.00	46	40	89.3	00.4	8.4	0.5	3.0	0.4	<0.5	0.5
TCW-WQM5A	Cloudy	NA	10:25	2nd	18.5	18.5	7.0	6.9	0.02	0.02	46	46	91.5	90.4	8.6	8.5	3.7	3.4	<0.5	<0.5
TOW WOM	Oleverte	NA	40:44	1st	19.7	40.7	6.9	0.0	0.03	0.00	69	00	65.4	05.0	6.0	0.0	3.0	0.4	0.5	0.0
TCW-WQM6	Cloudy	NA	12:11	2nd	19.7	19.7	6.9	6.9	0.03	0.03	69	69	64.6	65.0	5.9	6.0	3.1	3.1	0.6	0.6
TOW WORK	Claudi	NIA	14.50	1st	22.6	22.0	9.2	0.0	0.13	0.42	278	077	87.6	00.4	7.6	7.0	4.2	4.2	7.9	0.4
TCW-WQM7	Cloudy	NA	11:50	2nd	22.6	22.6	9.2	9.2	0.13	0.13	276	277	92.5	90.1	8.0	7.8	4.4	4.3	8.3	<u>8.1</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 08 February 2023 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		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
TCW-WQM1	Claudy	Dough	14:23	1st	20.4	20.4	8.5	8.5	30.18	30.18	46600	46600	129.9	130.2	9.8	9.9	14.4	13.9	2.5	2.4
TCVV-VVQIVIT	Cloudy	Rough	14:23	2nd	20.4	20.4	8.5	8.5	30.18	30.18	46600	40000	130.5	130.2	9.9	9.9	13.4	13.9	2.3	2.4
TOW WOMO	Olevek	NIA	40.00	1st	19.8	40.0	6.7	0.7	0.02	0.00	47	47	41.5	44.5	3.8	0.0	2.7	0.7	0.5	0.0
TCW-WQM2	Cloudy	NA	13:08	2nd	19.8	19.8	6.7	6.7	0.02	0.02	47	47	41.4	41.5	3.8	- 3.8	2.6	2.7	0.6	0.6
TOWNS	01 1		10.10	1st	19.5	40.5	6.8	0.0	0.04	0.04	81	0.4	84.1	00.0	7.7		3.9	0.0	1.1	
TCW-WQM3A	Cloudy	NA	12:46	2nd	19.5	19.5	6.9	6.8	0.04	0.04	80	81	83.0	83.6	7.6	7.7	3.7	3.8	1.0	1.1
	2 1			1st	18.6		6.1		0.02		43		41.3		3.9		3.0		<0.5	
TCW-WQM4	Cloudy	NA	11:58	2nd	18.6	18.6	6.1	6.1	0.02	0.02	43	43	40.0	40.7	3.7	3.8	3.3	3.2	<0.5	<0.5
TOW MONEY	Olevek	NIA	40.00	1st	19.4	40.4	6.9	0.0	0.02	0.00	45	45	91.9	04.0	8.5	0.4	3.9	0.0	<0.5	0.5
TCW-WQM5A	Cloudy	NA	12:22	2nd	19.4	19.4	6.9	6.9	0.02	0.02	45	45	90.4	91.2	8.3	8.4	3.3	3.6	<0.5	<0.5
TOW WOME	Claudy	NIA	42.55	1st	20.0	20.0	6.9	0.0	0.03	0.03	66		62.0	60.0	5.6	F 7	2.9	2.0	<0.5	-0.5
TCW-WQM6	Cloudy	NA	13:55	2nd	20.0	20.0	6.9	6.9	0.03	0.03	66	- 66	62.3	62.2	5.7	5.7	2.6	2.8	<0.5	<0.5
TOW WORK	Clouds	NIA	12:20	1st	21.8	21.8	8.8	0.0	0.06	0.06	124	124	77.3	76.8	6.8	6.0	3.9	2.7	1.3	1.2
TCW-WQM7	Cloudy	NA	13:30	2nd	21.8	21.0	8.9	8.8	0.06	- 0.06	124	124	76.2	70.0	6.7	6.8	3.4	3.7	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 Results on 10 February 2023 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)
3	Condition		Time	,	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
TCW-WQM1	Sunny	Rough	14:55	1st	21.4	21.4	8.5	8.5	30.37	30.38	46800	46850	121.8	124.1	9.0	9.2	16.9	17.4	1.8	2.0
TCVV-VVQIVIT	Suring	Kougii	14.55	2nd	21.4	21.4	8.5	6.5	30.39	30.36	46900	40000	126.4	124.1	9.4	9.2	17.9	17.4	2.2	2.0
TCW-WQM2	Cloudy	NA	13:12	1st	20.9	20.9	6.7	6.7	0.02	0.02	46	46	44.8	44.8	4.0	4.0	2.8	2.6	0.5	0.7
TCVV-VVQIVI2	Cloudy	INA	13.12	2nd	20.9	20.9	6.7	0.7	0.02	0.02	46	40	44.8	44.0	4.0	4.0	2.4	2.0	0.8	0.7
TCW-WQM3A	Cloudy	NA	12:48	1st	20.4	20.4	6.8	6.8	0.05	0.05	113	113	62.6	63.1	5.7	5.7	3.2	3.3	1.0	1.1
TCVV-VVQIVISA	Cloudy	INA	12.40	2nd	20.4	20.4	6.8	0.0	0.05	0.05	112	113	63.6	63.1	5.7	5.7	3.3	3.3	1.2	
TCW-WQM4	Clavely	NA	11:57	1st	19.2	19.2	6.2	6.2	0.02	0.02	43	40	41.1	41.0	3.8	3.8	2.3	2.6	<0.5	- <0.5
TCVV-VVQIVI4	Cloudy	INA	11.57	2nd	19.3	19.2	6.2	0.2	0.02	0.02	43	43	40.9	41.0	3.8	3.0	2.8	2.0	<0.5	<0.5
TCW-WQM5A	Cloudy	NA	12:17	1st	20.1	20.1	6.9	6.9	0.02	0.02	47	47	89.7	90.8	8.1	8.2	3.0	3.1	<0.5	- <0.5
TCVV-VVQIVIDA	Cloudy	INA	12:17	2nd	20.1	20.1	6.9	6.9	0.02	0.02	47	47	91.8	90.8	8.3	8.2	3.2	3.1	<0.5	<0.5
TCW-WQM6	Common	NA	14:12	1st	21.0	21.0	6.9	6.9	0.03	0.03	65	65	65.1	64.5	5.8	5.8	2.7	2.6	<0.5	<0.5
TCVV-VVQIVIO	Sunny	INA	14:12	2nd	21.0	21.0	6.9	6.9	0.03	0.03	65	00	63.9	64.5	5.7	5.8	2.5	2.0	<0.5	<0.5
TCW-WQM7	Suppy	NA	12:46	1st	25.6	25.6	9.4	9.4	0.07	0.07	158	158	82.4	81.6	6.7	6.7	3.8	3.7	2.8	2.4
1 CVV-VVQIVI7	Sunny	INA	13:46	2nd	25.6	23.0	9.4	9.4	0.07	0.07	158	100	80.7	0.10	6.6	0.7	3.5	3.1	1.9	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 Results on 13 February 2023 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	d Oxygen g/L)	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	Cuppy	Rough	07:23	1st	21.6	21.6	7.5	7.5	26.42	26.50	41300	41450	35.9	37.2	2.7	2.8	12.7	13.1	1.1	1.1
TCVV-VVQIVIT	Sunny	Kougii	07.23	2nd	21.6	21.0	7.5	7.5	26.58	20.50	41600	41450	38.4	37.2	2.9	2.0	13.5	13.1	1.0] '.'
TCW-WQM2	Sunny	NA	09:04	1st	21.6	21.5	6.9	6.9	0.02	0.02	48	48	43.9	43.6	3.9	3.9	3.0	2.8	0.6	0.6
TCVV-VVQIVIZ	Suring	INA	09.04	2nd	21.5	21.5	6.9	6.9	0.02	0.02	48	40	43.2	43.0	3.8	3.9	2.6	2.0	0.6	0.6
TCW-WQM3A	Common	NA	09:34	1st	21.9	21.9	7.1	7.1	0.04	0.04	95	95	63.1	63.0	5.5	5.5	3.7	3.5	1.0	1.1
TCVV-VVQIVI3A	Sunny	INA INA	09:34	2nd	21.9	21.9	7.1	7.1	0.04	0.04	95	95	62.8	63.0	5.5	5.5	3.2	3.5	1.1	1.1
TOW WOMA	Common	NA	10:11	1st	20.2	20.2	6.5	6.5	0.02	0.02	43	40	46.7	45.7	4.2	4.1	2.9	2.7	<0.5	- <0.5
TCW-WQM4	Sunny	INA INA	10:11	2nd	20.3	20.2	6.5	6.5	0.02	0.02	43	43	44.7	45.7	4.0	4.1	2.5	2.7	<0.5	<0.5
TOWN MONATA	Common	NA	10:38	1st	22.2	22.2	7.4	7.4	0.02	0.02	46	46	73.8	75.7	6.4	6.6	3.2	3.2	<0.5	- <0.5
TCW-WQM5A	Sunny	INA INA	10:38	2nd	22.3	22.2	7.4	7.4	0.02	0.02	46	46	77.5	75.7	6.7	0.0	3.1	3.2	<0.5	<0.5
TCW-WQM6	Common	NA	08:39	1st	21.3	21.3	6.9	6.9	0.03	0.03	68	68	53.8	53.6	4.8	4.8	2.4	2.7	<0.5	<0.5
TCVV-VVQIVIO	Sunny	INA INA	08:39	2nd	21.3	21.3	6.9	6.9	0.03	0.03	68	08	53.4	53.6	4.7	4.8	2.9	2.7	<0.5	<0.5
TCW-WQM7	Cuppy	NIA	08:23	1st	21.6	21.6	7.8	7.0	0.06	0.06	127	128	78.0	80.4	6.9	7.1	3.5	2.2	1.8	1.7
1 CVV-VVQIVI7	Sunny	NA	06:23	2nd	21.6	21.0	7.9	7.8	0.06	0.06	128	128	82.8	00.4	7.3	7.1	2.9	3.2	1.6	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 15 February 2023 during Ebb Tide

Monitoring Station	Weather	Tidal Condition	Sampling	Replicate	Water Te	mperature °C)		Н	Salinit	ty (ppt)		uctivity /cm)	DO Satur	ration (%)	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	08:40	1st	18.6	18.5	7.1	7.1	25.10	25.15	39400	39500	40.7	40.3	3.3	3.3	14.6	15.1	0.8	0.9
TCVV-VVQIVIT	Suriny	Rough	06.40	2nd	18.4	10.5	7.1	7.1	25.20	25.15	39600	39300	39.9	40.3	3.2	3.3	15.6	15.1	1.0	0.9
TCW-WQM2	Sunny	NA	09:57	1st	18.0	18.0	6.9	6.9	0.02	0.02	45	45	51.1	51.0	4.8	4.8	2.5	2.5	<0.5	0.6
TCVV-VVQIVI2	Suriny	INA	09.57	2nd	18.0	16.0	6.9	6.9	0.02	0.02	45	45	50.8	51.0	4.8	4.0	2.5	2.5	0.6	0.6
TCW-WQM3A	Cuppy	NA	10:20	1st	19.0	18.9	6.9	6.9	0.07	0.07	159	159	50.0	52.2	4.6	4.9	3.5	3.2	0.9	1.0
TCVV-VVQIVI3A	Sunny	INA INA	10:20	2nd	18.9	18.9	6.9	6.9	0.07	0.07	159	159	54.4	52.2	5.1	4.9	2.8	3.2	1.0	1.0
TCW-WQM4	Sunny	NA	10:55	1st	17.7	17.8	6.6	6.6	0.02	0.02	44	44	43.7	43.7	4.2	4.2	2.5	2.7	<0.5	- <0.5
TCVV-VVQIVI4	Suriny	INA	10.55	2nd	17.8	17.0	6.6	0.0	0.02	0.02	44	44	43.7	43.7	4.2	4.2	2.9	2.7	<0.5	<0.5
TCW-WQM5A	Cuppy	NA	11:23	1st	18.7	18.7	7.5	7.5	0.02	0.02	47	47	85.1	85.1	7.9	7.9	3.3	3.5	<0.5	- <0.5
TCVV-VVQIVIDA	Sunny	INA	11:23	2nd	18.7	18.7	7.5	7.5	0.02	0.02	47	47	85.0	85.1	7.9	7.9	3.6	3.5	<0.5	<0.5
TCW-WQM6	Common	NA	09:28	1st	18.0	18.0	7.0	7.0	0.03	0.03	66	- 66	58.9	59.3	5.6	5.6	2.6	2.8	<0.5	<0.5
TCVV-VVQIVIO	Sunny	INA INA	09:28	2nd	18.0	18.0	7.0	7.0	0.03	0.03	66	00	59.6	59.3	5.6	5.0	2.9	2.8	<0.5	<0.5
TCW-WQM7	Cuppy	NA	09:04	1st	16.4	16.4	9.4	9.4	0.08	0.08	168	169	90.8	90.8	8.9	8.9	3.5	3.3	2.4	2.9
1 CVV-VVQIVI7	Sunny	INA	09.04	2nd	16.4	10.4	9.4	9.4	0.08	0.00	169	109	90.8	90.0	8.9	0.9	3.1	3.3	3.4	2.9

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 17 February 2023 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	d Oxygen g/L)	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	Cuppy	Rough	11:17	1st	20.3	20.3	8.2	8.2	30.36	30.36	46800	46800	103.1	102.3	7.8	7.8	12.2	13.1	1.8	1.7
TCVV-VVQIVIT	Sunny	Kougii	11.17	2nd	20.3	20.3	8.2	0.2	30.35	30.30	46800	40000	101.5	102.3	7.7	7.0	13.9	13.1	1.6] '.'
TCW-WQM2	Sunny	NA	10:05	1st	18.5	18.6	6.8	6.8	0.02	0.02	45	45	45.5	44.6	4.3	4.2	2.5	2.7	0.9	0.9
TCVV-VVQIVI2	Suring	INA	10.05	2nd	18.6	10.0	6.8	0.0	0.02	0.02	45	45	43.6	44.0	4.1	4.2	2.8	2.7	0.8	0.9
TCW-WQM3A	Cuppy	NA	09:36	1st	18.3	18.4	6.9	6.9	0.06	0.06	122	122	61.3	59.9	5.8	5.7	3.5	3.3	0.6	- 0.7
TCVV-VVQIVI3A	Sunny	INA INA	09:36	2nd	18.4	18.4	6.9	6.9	0.06	0.06	122	122	58.4	59.9	5.5	5.7	3.1	3.3	0.7	0.7
TCW-WQM4	Sunny	NA	08:42	1st	17.6	17.6	6.2	6.2	0.02	0.02	42	42	38.6	38.3	3.7	3.7	3.2	2.9	<0.5	- <0.5
TCVV-VVQIVI4	Suring	INA	06.42	2nd	17.6	17.0	6.2	0.2	0.02	0.02	42	42	37.9	30.3	3.6	3.7	2.6	2.9	<0.5	<0.5
TCW-WQM5A	Cuppy	NA	09:06	1st	17.3	17.3	7.0	7.0	0.02	0.02	47	47	74.0	72.2	7.1	7.0	3.1	3.1	<0.5	- <0.5
TCVV-VVQIVIDA	Sunny	INA	09:06	2nd	17.3	17.3	7.0	7.0	0.02	0.02	47	47	70.3	12.2	6.8	7.0	3.0	3.1	<0.5	<0.5
TCW-WQM6	Common	NA	10:40	1st	19.2	19.2	6.9	6.9	0.03	0.03	69	69	60.7	60.6	5.6	5.6	3.2	3.0	<0.5	<0.5
TCVV-VVQIVIO	Sunny	INA INA	10:40	2nd	19.2	19.2	6.9	6.9	0.03	0.03	69	69	60.4	60.6	5.6	5.0	2.7	3.0	<0.5	<0.5
TCW-WQM7	Suppy	NA	10:24	1st	20.8	20.8	8.5	8.5	0.07	0.07	145	146	91.0	91.4	8.2	8.2	4.6	4.4	2.6	2.8
1 CVV-VVQIVI7	Sunny	INA	10.24	2nd	20.8	20.0	8.6	0.5	0.07	0.07	147	140	91.8	91.4	8.2	0.2	4.2	4.4	2.9	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 February 2023 during Ebb Tide

Monitoring Station	Weather	Tidal Condition	Sampling	Replicate	Water Te	mperature °C)	р	Н	Salinit	y (ppt)		uctivity /cm)	DO Satur	ration (%)	Dissolved (mg	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	13:45	1st	22.8	22.8	8.2	8.2	28.50	28.49	44200	44200	103.0	103.8	7.5	7.6	16.4	16.7	2.6	2.8
TCVV-VVQIVIT	Sunny	Rough	13.45	2nd	22.9	22.0	8.2	0.2	28.47	20.49	44200	44200	104.5	103.6	7.6	7.0	17.0	10.7	2.9	2.0
TCW-WQM2	Sunny	NA	12:28	1st	21.7	21.7	7.1	7.1	0.02	0.02	47	47	58.4	58.1	5.1	5.1	2.6	2.7	0.7	0.8
TCVV-VVQIVIZ	Suriny	INA	12.20	2nd	21.7	21.7	7.1	7.1	0.02	0.02	47	47	57.8	30.1	5.1	5.1	2.7	2.1	0.9	0.6
TCW-WQM3A	Cuppy	NA	12:08	1st	20.3	20.3	6.9	7.0	0.05	0.05	111	112	60.9	61.4	5.5	5.6	2.8	3.1	0.9	0.9
TCVV-VVQIVI3A	Sunny	INA INA	12:08	2nd	20.3	20.3	7.0	7.0	0.05	0.05	112	112	61.9	01.4	5.6	5.6	3.4	3.1	0.9	0.9
TCW-WQM4	Sunny	NA	11:16	1st	19.0	19.1	6.0	6.0	0.02	0.02	43	43	42.6	41.9	4.0	3.9	3.4	3.2	<0.5	- <0.5
TCVV-VVQIVI4	Suriny	INA	11.10	2nd	19.1	19.1	6.0	6.0	0.02	0.02	43	43	41.1	41.9	3.8	3.9	3.0	3.2	<0.5	<0.5
TCW-WQM5A	Cuppy	NA	11:44	1st	20.5	20.5	7.1	7.1	0.02	0.02	46	46	78.9	79.3	7.1	7.2	3.2	3.1	<0.5	- <0.5
TCVV-VVQIVIDA	Sunny	INA	11:44	2nd	20.5	20.5	7.1	7.1	0.02	0.02	46	46	79.6	79.3	7.2	1.2	2.9	3.1	<0.5	<0.5
TCW-WQM6	Common	NA	13:17	1st	21.1	21.1	6.9	6.9	0.04	0.04	80	80	61.1	61.2	5.4	5.5	3.3	3.1	<0.5	<0.5
TCVV-VVQIVIO	Sunny	INA	13:17	2nd	21.1	21.1	6.9	6.9	0.04	0.04	80	80	61.3	01.2	5.5	5.5	2.8	3.1	<0.5	<0.5
TCW-WQM7	Cuppy	NIA	12.57	1st	26.6	26.6	9.7	9.7	0.11	0.11	228	228	95.5	96.1	7.7	7.0	3.5	2.0	5.5	F 2
1 CVV-VVQIVI7	Sunny	NA	12:57	2nd	26.6	20.0	9.7	9.7	0.11	0.11	228		96.6	90.1	7.8	7.8	4.1	3.8	5.0	5.3

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 22 February 2023 during Ebb Tide

Monitoring Station	Weather	Tidal Condition	Sampling	Replicate		mperature		Н	Salinit	y (ppt)		uctivity /cm)	DO Satur	ation (%)	Dissolved (mg		Turbidi	ty(NTU)		led Solids g/L)
	Condition		Time	rtopiloato	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
TCW-WQM1	Sunny	Dough	14:56	1st	21.2	21.1	8.5	8.5	30.24	30.27	46700	46700	147.0	147.4	11.0	11.0	15.1	15.1	2.4	2.2
TCVV-VVQIVIT	Suriny	Rough	14.50	2nd	21.1	21.1	8.5	0.5	30.30	30.27	46700	46700	147.8	147.4	11.0	11.0	15.1	15.1	2.0	2.2
TCW-WQM2	0	NA	40.00	1st	21.0	20.9	7.1	7.1	0.02	0.02	40	40	76.6	75.7	6.8	0.0	2.5	2.5	0.6	0.7
TCVV-VVQIVI2	Sunny	INA	13:30	2nd	20.9	20.9	7.1	7.1	0.02	0.02	40	40	74.7	75.7	6.7	6.8	2.4	2.5	0.7	0.7
TOWNSAMO	0	NIA	40.54	1st	19.7	40.7	6.9	0.0	0.06	0.00	124	405	56.8	57.0	5.2	5.0	3.6	0.5	0.9	0.0
TCW-WQM3A	Sunny	NA	12:54	2nd	19.7	19.7	6.9	6.9	0.06	0.06	126	125	57.2	57.0	5.2	5.2	3.4	3.5	0.9	0.9
TOW WOMA	0	NIA	40.04	1st	17.9	47.0	6.0	0.0	0.02	0.00	42	40	43.5	40.0	4.1	4.4	3.3	0.4	<0.5	0.5
TCW-WQM4	Sunny	NA	12:01	2nd	17.9	17.9	6.0	6.0	0.02	0.02	42	42	42.5	43.0	4.0	4.1	2.8	3.1	<0.5	<0.5
TOWNSA	0	NA	40.00	1st	19.9	40.0	7.3	7.0	0.02	0.00	47	47	76.8	76.8	7.0	7.0	2.8	0.0	<0.5	0.5
TCW-WQM5A	Sunny	NA	12:30	2nd	19.9	19.9	7.3	7.3	0.02	0.02	47	47	76.8	76.8	7.0	7.0	3.5	3.2	<0.5	<0.5
TOW WOME	Common	NA	44.20	1st	19.9	10.0	6.7	6.7	0.23	0.00	486	482	68.3	68.8	6.2	0.0	2.6	2.0	0.8	0.7
TCW-WQM6	Sunny	INA	14:20	2nd	19.9	19.9	6.7	0.7	0.23	0.23	477	482	69.2	08.8	6.3	6.3	3.0	2.8	0.6	0.7
TOW WORK	Common	NIA	12.54	1st	26.5	20.5	8.8	0.0	0.40	0.40	819	047	75.7	75.0	6.1	6.4	4.5	4.5	6.0	6.0
TCW-WQM7	Sunny	NA	13:54	2nd	26.5	26.5	8.8	8.8	0.40	0.40	814	817	76.0	75.9	6.1	6.1	4.5	4.5	6.3	6.2

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 24 February 2023 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		Turbidi	ty(NTU)		ded Solids g/L)
	Condition	Tradi Condition	Time	rtopiloato	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
TCW-WQM1	Common	Dough	45.40	1st	22.2	22.3	8.6	8.6	30.46	30.44	46900	46900	162.7	161.4	11.9	11.8	12.1	12.3	2.7	2.8
TCVV-VVQIVIT	Sunny	Rough	15:46	2nd	22.3	22.3	8.6	8.6	30.42	30.44	46900	46900	160.1	101.4	11.7	11.8	12.5	12.3	2.9	2.8
TOW WOMO	0	NA	40:44	1st	20.7	00.7	7.1	7.4	0.02	0.00	41	14	59.2	50.0	5.3	5.0	2.7	0.0	0.5	0.0
TCW-WQM2	Sunny	NA	13:44	2nd	20.8	20.7	7.1	7.1	0.02	0.02	41	41	58.8	59.0	5.3	5.3	2.8	2.8	0.6	0.6
TOWNS	•		10.15	1st	20.0	00.0	6.9	0.0	0.06	0.00	131	404	65.3	04.0	5.9	5.0	3.2		0.8	
TCW-WQM3A	Sunny	NA	13:15	2nd	20.0	20.0	7.0	6.9	0.06	0.06	131	131	64.3	64.8	5.9	5.9	3.9	3.6	0.9	0.9
TOWWOOM	•		10.01	1st	18.3	40.0	6.2	0.0	0.02	0.00	43	40	38.9	00.7	3.7	0.7	3.0		<0.5	0.5
TCW-WQM4	Sunny	NA	12:24	2nd	18.3	18.3	6.2	6.2	0.02	0.02	43	43	38.4	38.7	3.6	3.7	3.0	3.0	<0.5	<0.5
TOWNSA	•		10.10	1st	20.3	00.0	7.3	7.0	0.02	0.00	47	4-7	88.9	00.0	8.0	0.4	3.4	0.0	<0.5	0.5
TCW-WQM5A	Sunny	NA	12:49	2nd	20.3	20.3	7.3	7.3	0.02	0.02	47	47	89.5	89.2	8.1	8.1	3.8	3.6	<0.5	<0.5
TOW WOMO	0	NA	44.00	1st	20.6	00.0	6.9	0.0	0.04	0.04	91	00	61.0	04.0	5.5	5.5	2.4	0.5	<0.5	0.5
TCW-WQM6	Sunny	NA	14:32	2nd	20.6	20.6	6.9	6.9	0.04	0.04	92	92	61.4	61.2	5.5	5.5	2.5	2.5	<0.5	<0.5
TOM MON47	Commis	NIA	44.40	1st	27.0	27.0	9.8	0.0	0.12	0.40	251	254	83.1	00.0	6.6	0.0	3.8	2.0	3.5	2.7
TCW-WQM7	Sunny	NA	14:13	2nd	27.0	27.0	9.8	9.8	0.12	0.12	250	- 251	82.5	82.8	6.6	6.6	3.4	3.6	3.9	3.7

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 27 February 2023 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	d Oxygen g/L)	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	Sunny	Rough	07:13	1st	18.4	18.4	7.4	7.3	28.67	28.70	44600	44650	45.3	44.5	3.6	3.6	11.6	11.9	1.3	1.4
TCVV-VVQIVIT	Suring	Kougii	07.13	2nd	18.4	10.4	7.3	7.3	28.73	20.70	44700	44050	43.6	44.5	3.5	3.0	12.2	11.9	1.4	1.4
TCW-WQM2	Sunny	NA	08:26	1st	16.6	16.6	6.6	6.6	0.02	0.02	44	44	44.3	44.4	4.3	4.3	3.0	3.2	0.6	0.7
TCVV-VVQIVIZ	Suriny	INA	06.26	2nd	16.6	10.0	6.6	0.0	0.02	0.02	44	44	44.5	44.4	4.3	4.3	3.3	3.2	0.8	0.7
TCW-WQM3A	Cuppy	NA	08:55	1st	17.0	17.0	7.0	7.0	0.06	0.06	137	135	61.5	60.5	6.0	5.9	3.4	3.2	0.6	- 0.7
TCVV-VVQIVI3A	Sunny	INA	08:55	2nd	17.0	17.0	7.0	7.0	0.06	0.06	133	135	59.5	60.5	5.8	5.9	2.9	3.2	0.7	0.7
TCW-WQM4	Sunny	NA	09:28	1st	16.5	16.5	6.5	6.5	0.02	0.02	42	42	44.0	41.6	4.3	4.1	2.7	2.5	<0.5	- <0.5
TCVV-VVQIVI4	Suriny	INA	09.20	2nd	16.5	10.5	6.5	0.5	0.02	0.02	42	42	39.1	41.0	3.8	4.1	2.3	2.5	<0.5	<0.5
TOW MOMEA	Cuppy	NA	09:58	1st	16.5	16.5	7.4	7.4	0.02	0.02	48	40	71.5	72.0	7.0	7.1	2.9	3.0	<0.5	- <0.5
TCW-WQM5A	Sunny	INA	09:58	2nd	16.5	10.5	7.4	7.4	0.02	0.02	48	48	72.4	72.0	7.1	7.1	3.1	3.0	<0.5	<0.5
TCW-WQM6	Sunny	NA	07:57	1st	16.7	16.7	6.7	6.7	0.03	0.03	72	72	54.8	54.5	5.3	5.3	2.8	2.8	<0.5	<0.5
1CVV-VVQIVIO	Suriny	INA	07.57	2nd	16.7	10.7	6.7	0.7	0.03	0.03	72	12	54.1	54.5	5.3	5.5	2.7	2.0	<0.5	<0.5
TCW-WQM7	Cuppy	NA	07:40	1st	14.8	14.8	7.3	7.3	0.08	0.08	163	163	74.7	74.6	7.6	7.6	3.2	3.2	0.6	0.7
1 CVV-VVQIVI7	Sunny	INA	07.40	2nd	14.8	14.0	7.3	1.3	0.08	0.00	163	103	74.5	74.0	7.5	7.0	3.2	3.2	0.8	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.