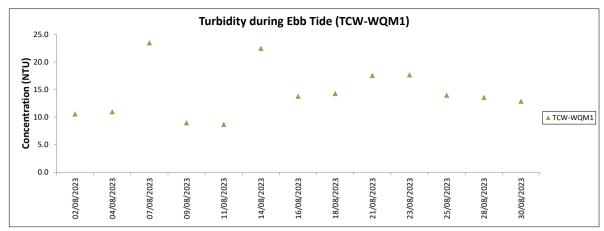


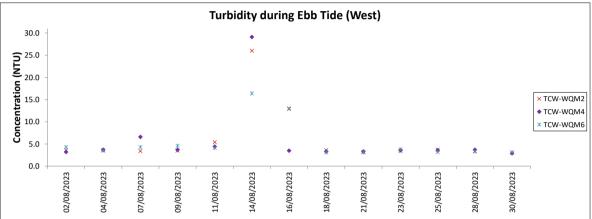
Note: The Action and Limit Level of dissolved oxygen can be referred to Table 4.3 of the monthly EM&A report.

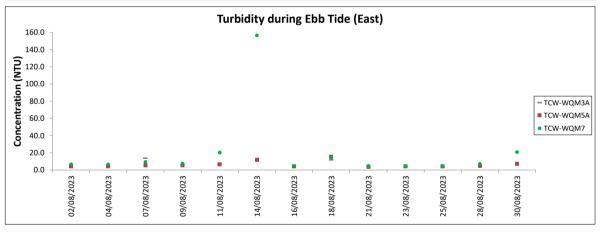
Major site activities carried out during the reporting period are summarized in Section 1.4 of the monthly EM&A report.

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.





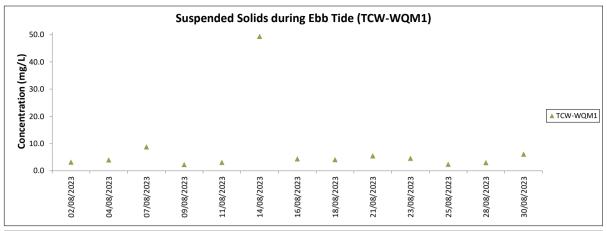


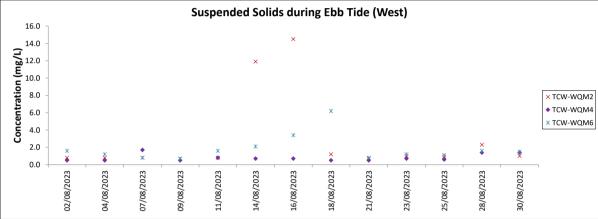
Note: The Action and Limit Level of turbidity can be referred to Table 4.3 of the monthly EM&A report.

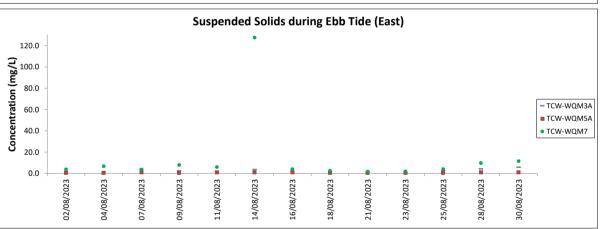
Major site activities carried out during the reporting period are summarized in Section 1.4 of the monthly EM&A report.

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 August 2023 during Ebb Tide

Monitoring Station	Weather	Tidal Condition	Sampling		Water Te	mperature °C)		Н	Salinit	y (ppt)	Cond (µS	uctivity /cm)	DO Satur	ration (%)		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	Dough	13:15	1st	30.1	30.1	8.2	8.2	23.43	23.48	37000	37100	74.4	74.4	4.9	4.9	10.6	10.6	3.1	3.2
TCVV-VVQIVIT	Sunny	Rough	13.13	2nd	30.1	30.1	8.2	0.2	23.52	23.40	37200	37100	74.4	74.4	4.9	4.9	10.5	10.6	3.2	3.2
TCW-WQM2	Sunny	NA	11:40	1st	28.0	28.0	6.6	6.6	0.02	0.02	48	49	56.3	55.7	4.4	4.4	3.6	3.6	0.7	0.8
TCVV-VVQIVIZ	Suriny	INA	11.40	2nd	28.0	20.0	6.6	0.0	0.02	0.02	49	49	55.0	55.7	4.3	4.4	3.6	3.0	0.8	0.6
TOW MONAGA	Common	NIA	11:16	1st	27.4	27.4	7.3	7.3	0.03	0.03	66	- 66	86.9	86.8	6.9	6.9	4.7	4.6	1.9	1.9
TCW-WQM3A	Sunny	NA	11:16	2nd	27.4	27.4	7.4	7.3	0.03	0.03	65	00	86.7	80.8	6.9	6.9	4.5	4.0	1.9	1.9
TCW-WQM4	Sunny	NA	10:28	1st	26.8	26.8	6.1	6.1	0.02	0.02	48	48	48.9	46.4	3.9	3.7	3.4	3.2	<0.5	<0.5
TCVV-VVQIVI4	Suriny	INA	10.26	2nd	26.8	20.0	6.1	0.1	0.02	0.02	48	40	43.8	40.4	3.5	3.7	3.0	3.2	<0.5	<0.5
TCW-WQM5A	Sunny	NA	10:49	1st	26.8	26.8	7.0	6.9	0.02	0.02	41	41	84.5	84.8	6.8	- 6.8	3.9	4.0	0.7	0.7
TCW-WQWBA	Suriny	INA	10.49	2nd	26.8	20.0	6.9	6.9	0.02	0.02	41	41	85.1	04.0	6.8	0.0	4.0	4.0	0.6	0.7
TCW-WQM6	Sunny	NA	12:32	1st	27.7	27.7	6.8	6.8	0.99	0.99	1950	1940	54.2	54.0	4.2	4.2	4.2	4.3	1.5	1.6
TCVV-VVQIVIO	Suriny	INA	12.32	2nd	27.7	21.1	6.8	0.0	0.98	0.99	1930	1940	53.8	54.0	4.2	4.2	4.4	4.3	1.6	1.0
TCW-WQM7	Cuppy	NA	12:48	1st	33.2	33.2	9.5	9.5	0.89	0.89	1780	1780	77.9	79.7	5.6	5.7	6.6	6.4	4.0	3.9
1 CVV-VVQIVI7	Sunny	INA	12.40	2nd	33.2	აა.∠	9.5	9.5	0.89	0.09	1780	1700	81.4	19.1	5.8	5.1	6.2	0.4	3.8	3.8

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 August 2023 during Ebb Tide

Monitoring Station	Weather	Tidal Condition	Sampling		Water Te		р	Н	Salinit	y (ppt)	Cond (µS	uctivity /cm)	DO Satur	ation (%)	Dissolved (mg	d Oxygen g/L)	Turbidit	y(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	Cuppy	Dough	14:40	1st	31.2	31.2	8.4	8.4	16.11	16.16	26400	26450	104.0	103.3	7.1	7.1	10.5	11.0	4.2	4.0
TCVV-VVQIVIT	Sunny	Rough	14.40	2nd	31.2	31.2	8.4	0.4	16.21	10.10	26500	20430	102.6	103.3	7.0	7.1	11.4	11.0	3.8	4.0
TCW-WQM2	Sunny	NA	13:19	1st	29.4	29.4	6.7	6.7	0.02	0.02	39	39	54.6	54.3	4.2	4.2	3.7	3.6	0.8	0.8
TCVV-VVQIVIZ	Suriny	INA	13.19	2nd	29.4	29.4	6.7	6.7	0.02	0.02	39	- 39	53.9	54.5	4.1	4.2	3.4	3.0	0.7	0.6
TOW MOMON	Common	NIA	12.52	1st	28.9	28.9	7.4	7.4	0.03	0.03	63		89.5	89.1	6.9	6.9	4.1	4.0	1.2	1.3
TCW-WQM3A	Sunny	NA	12:52	2nd	28.9	28.9	7.4	7.4	0.03	0.03	63	63	88.7	89.1	6.8	6.9	4.3	4.2	1.4	1.3
TOWN MONA	Common	NIA	12:05	1st	27.5	27.5	6.4	C 4	0.02	0.02	48	40	56.0	55.7	4.4	4.4	3.7	3.7	<0.5	<0.5
TCW-WQM4	Sunny	NA	12:05	2nd	27.6	27.5	6.5	6.4	0.02	0.02	48	48	55.4	55.7	4.4	4.4	3.6	3.7	<0.5	<0.5
TCW-WQM5A	Common	NIA	12:24	1st	28.8	28.8	7.2	7.2	0.02	0.02	42	40	89.2	88.9	6.9	6.9	4.3	4.5	0.6	0.6
TCW-WQM5A	Sunny	NA	12:24	2nd	28.8	28.8	7.2	1.2	0.02	0.02	42	42	88.6	88.9	6.8	6.9	4.7	4.5	0.6	0.6
TCW-WQM6	Common	NA	14:15	1st	28.7	28.7	6.9	6.9	0.27	0.27	563	554	63.3	63.2	4.9	4.9	3.7	3.5	1.2	1.2
TCVV-VVQIVI6	Sunny	INA	14:15	2nd	28.7	28.7	6.8	6.9	0.26	0.27	545	554	63.0	63.2	4.9	4.9	3.3	3.5	1.1	1.2
TCW-WQM7	Common	NIA	14.00	1st	34.3	24.2	10.1	40.4	0.65	0.66	1320	1335	96.7	04.0	6.8	0.7	6.7	0.5	6.9	6.8
1 CVV-VVQIVI7	Sunny	NA	14:02	2nd	34.3	34.3	10.1	10.1	0.67	0.00	1350	1335	93.1	94.9	6.5	6.7	6.2	6.5	6.6	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 07 August 2023 during Ebb Tide

Monitoring Station	Weather	Tidal Condition	Sampling	Replicate		mperature	р	Н	Salinit	y (ppt)	Cond (µS	uctivity /cm)	DO Satu	ration (%)	Dissolved (mg		Turbidi	ty(NTU)		led Solids g/L)
	Condition		Time	. topiloato	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
TCW-WQM1	Sunny	Rough	16:15	1st	30.6	30.6	8.3	8.3	12.98	12.79	21700	21400	89.2	90.9	6.2	6.4	24.4	23.5	9.0	0.0
1CW-WQWI	Suring	Kougii	10.15	2nd	30.5	30.6	8.3	0.3	12.59	12.79	21100	21400	92.6	90.9	6.5	0.4	22.6	23.5	8.6	<u>8.8</u>
TCW-WQM2	Sunny	NA	14:49	1st	28.9	28.9	6.9	6.9	0.02	0.02	41	41	56.9	55.6	4.4	4.3	3.3	3.4	0.9	0.8
TCVV-VVQIVIZ	Suriny	INA	14.49	2nd	29.0	20.9	6.9	0.9	0.02	0.02	41	41	54.3	33.0	4.2	4.3	3.5	3.4	0.7	0.6
TOWN MONAGA	Common	NA	14:26	1st	28.7	28.7	7.4	7.4	0.03	0.03	70	70	81.4	82.0	6.3	6.4	13.8	42.0	3.6	3.9
TCW-WQM3A	Sunny	INA	14:26	2nd	28.7	28.7	7.4	7.4	0.03	0.03	70	70	82.6	82.0	6.4	0.4	13.7	<u>13.8</u>	4.1	3.9
TCW-WQM4	Common	NA	12.24	1st	28.1	28.0	6.7	6.7	0.02	0.02	44	44	56.6	50.0	4.4	4.5	6.6	0.0	1.6	4.7
TCVV-VVQIVI4	Sunny	INA	13:21	2nd	28.0	28.0	6.7	6.7	0.02	0.02	44	44	59.3	58.0	4.6	4.5	6.6	6.6	1.8	1.7
TOWN MONATA	Common	NA	12.11	1st	28.5	28.5	7.1	7.1	0.02	0.02	44	44	85.5	85.5	6.6	6.6	5.6	5.4	1.3	4.0
TCW-WQM5A	Sunny	INA	13:41	2nd	28.5	28.5	7.1	7.1	0.02	0.02	44	44	85.5	85.5	6.6	0.0	5.1	5.4	1.1	1.2
TOW MOMO	Common	NA	15:28	1st	28.2	28.2	6.6	6.6	0.03	0.03	57	57	63.6	64.9	5.0	5.1	4.3	4.3	0.8	0.8
TCW-WQM6	Sunny	INA	15:28	2nd	28.2	28.2	6.5	0.0	0.03	0.03	57	57	66.1	04.9	5.2	5.1	4.2	4.3	0.8	0.8
TO 101 101 00 47	Commission	NIA	45.45	1st	31.4	24.4	10.0	10.0	0.06	0.00	139	140	88.5	00.4	6.5	0.5	9.5	0.4	3.9	2.7
TCW-WQM7	Sunny	NA	15:15	2nd	31.4	31.4	10.0	10.0	0.06	0.06	141	140	87.7	- 88.1	6.5	6.5	9.3	9.4	3.5	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 09 August 2023 during Ebb Tide

Monitoring Station	Weather	Tidal Condition	Sampling		Water Te	mperature °C)	р	Н	Salinit	y (ppt)	Cond (µS	uctivity /cm)	DO Satur	ration (%)	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	Dough	07:39	1st	29.3	29.3	7.8	7.8	22.45	22.42	35600	35550	34.5	34.4	2.3	2.3	9.0	9.0	2.5	2.3
1CVV-VVQIVIT	Sunny	Rough	07.39	2nd	29.3	29.3	7.8	7.0	22.38	22.42	35500	33330	34.2	34.4	2.3	2.3	9.0	9.0	2.0	2.3
TCW-WQM2	Sunny	NA	08:54	1st	27.1	27.0	6.9	6.8	0.02	0.02	51	51	47.1	46.4	3.8	3.7	3.4	3.5	0.6	0.7
TCVV-VVQIVIZ	Suriny	INA	06.54	2nd	27.0	27.0	6.8	0.0	0.02	0.02	50	51	45.6	40.4	3.6	3.7	3.5	3.5	0.7	0.7
TOW MONAGA	Common	NIA	09:19	1st	27.0	27.0	7.4	7.4	0.03	0.03	61	61	86.9	87.0	6.9	6.9	6.6	6.6	2.4	2.5
TCW-WQM3A	Sunny	NA	09:19	2nd	27.0	27.0	7.4	7.4	0.03	0.03	60	61	87.1	87.0	6.9	6.9	6.5	0.0	2.6	2.5
TCW-WQM4	Common	NA	09:51	1st	27.1	27.1	6.7	0.0	0.02	0.02	48	40	45.9	45.8	3.7	3.7	3.9	3.7	<0.5	<0.5
TCVV-VVQIVI4	Sunny	INA .	09:51	2nd	27.1	27.1	6.5	6.6	0.02	0.02	48	48	45.6	45.8	3.6	3.7	3.4	3.7	<0.5	<0.5
TCW-WQM5A	Cuppy	NA	10:11	1st	27.3	27.3	7.1	7.1	0.02	0.02	41	41	89.3	89.6	7.1	7.1	5.8	5.6	0.7	0.6
TCW-WQM5A	Sunny	INA .	10:11	2nd	27.3	21.3	7.1	7.1	0.02	0.02	41	41	89.8	89.6	7.1	7.1	5.3	5.0	<0.5	0.6
TCW-WQM6	Common	NA	08:29	1st	26.7	26.7	6.8	6.8	0.03	0.03	60	- 60	64.8	64.8	5.2	5.2	4.6	4.6	<0.5	0.7
TCVV-VVQIVI6	Sunny	INA .	08:29	2nd	26.7	20.7	6.8	0.8	0.03	0.03	60	60	64.8	04.8	5.2	5.2	4.6	4.0	0.8	0.7
TC\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	Cuppy	NIA	09:15	1st	27.5	27.5	11.2	11.0	0.19	0.10	398	200	80.4	70.5	6.4	6.2	7.3	7.4	8.6	7.0
TCW-WQM7	Sunny	NA	08:15	2nd	27.5	27.5	11.2	11.2	0.19	0.19	399	399	78.6	79.5	6.2	6.3	7.4	7.4	7.1	<u>7.9</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 11 August 2023 during Ebb Tide

Monitoring Station	Weather	Tidal Condition	Sampling	Replicate		mperature C)	р	Н	Salinit	y (ppt)	Cond (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	Rainy	Rough	09:19	1st	28.9	28.9	8.1	8.1	20.28	20.29	32500	32500	88.8	88.7	6.1	- 6.1	9.0	8.7	3.2	- 3.1
TCVV-VVQIVIT	Railly	Kougii	09.19	2nd	28.9	20.9	8.1	0.1	20.29	20.29	32500	32300	88.6	00.7	6.1	0.1	8.3	0.7	3.0	3.1
TCW-WQM2	Rainy	NA	10:30	1st	26.9	26.9	6.9	6.9	0.03	0.03	69	- 69	43.3	43.8	3.5	3.5	5.6	5.4	0.8	- 0.8
TCVV-VVQIVIZ	Railly	IVA	10.30	2nd	26.9	20.9	6.9	0.9	0.03	0.03	68	09	44.3	43.0	3.5	3.5	5.1	5.4	0.8	0.6
TCW-WQM3A	Rainy	NA	10:54	1st	26.6	26.6	7.2	7.2	0.03	0.03	63	- 63	81.0	81.1	6.5	6.5	6.9	7.0	2.2	- 2.3
TOW-WQIVISA	Railly	IVA	10.54	2nd	26.6	20.0	7.2	1.2	0.03	0.03	63	03	81.2	01.1	6.5	0.5	7.0	7.0	2.3	2.3
TCW-WQM4	Rainy	NA	11:24	1st	26.8	26.9	6.7	6.7	0.02	0.02	46	46	52.5	50.8	4.2	4.1	4.5	4.4	0.7	- 0.8
1000-0000014	Railly	IVA	11.24	2nd	26.9	20.9	6.6	0.7	0.02	0.02	46	40	49.1	50.6	3.9	4.1	4.3	4.4	0.8	0.6
TCW-WQM5A	Rainy	NA	11:43	1st	26.5	26.5	7.0	7.0	0.02	0.02	38	- 38	91.0	91.3	7.3	7.4	6.5	6.7	0.8	0.9
TOW-WQIVISA	Railly	IVA	11.43	2nd	26.5	20.5	7.0	7.0	0.02	0.02	38	30	91.6	91.3	7.4	7.4	6.9	0.7	0.9	0.9
TCW-WQM6	Rainy	NA	10:05	1st	26.5	26.5	6.6	6.6	0.03	0.03	59	- 59	71.0	70.8	5.7	5.7	3.9	4.1	1.5	1.6
10W-WQINO	Railly	INA	10.03	2nd	26.5	20.5	6.6	0.0	0.03	0.03	59	39	70.6	70.0	5.7	3.7	4.2	4.1	1.6	1.0
TCW-WQM7	Rainy	NA	09:47	1st	27.2	27.2	9.7	9.8	0.05	0.05	105	106	80.8	80.4	6.4	6.4	20.3	20.3	6.1	6.0
1000-0000017	ixairiy	INA	03.47	2nd	27.2	21.2	9.8	3.0	0.05	0.03	106	100	79.9	00.4	6.3	0.4	20.2	20.5	5.8	0.0

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 14 August 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	Sunny	Rough	11:46	1st	29.2	29.2	8.7	8.7	22.19	22.20	35300	35300	45.9	44.6	3.1	3.0	22.3	22.5	49.2	49.4
1000-000001	Suring	Rough	11.40	2nd	29.2	29.2	8.7	0.7	22.20	22.20	35300	33300	43.2	44.0	2.9	3.0	22.6	22.5	49.5	43.4
TCW-WQM2	Rainy	NA	10:34	1st	27.2	27.2	7.0	6.9	0.02	0.02	49	48	62.3	61.5	4.9	4.9	25.3	26.0	11.7	11.9
TCVV-VVQIVIZ	Railly	NA.	10.54	2nd	27.3	21.2	6.9	0.9	0.02	0.02	47	40	60.7	01.5	4.8	4.9	26.7	20.0	12.1	11.9
TCW-WQM3A	Claudy	NA	09:46	1st	27.0	27.0	6.7	6.7	0.03	0.03	70	70	80.7	80.1	6.4	6.4	10.8	11.1	4.0	3.7
TCVV-VVQIVISA	Cloudy	INA	09.46	2nd	27.0	27.0	6.7	0.7	0.03	0.03	70	70	79.5	00.1	6.3	0.4	11.3	11.1	3.4	3.7
TCW-WQM4	Dainu	NA	08:46	1st	27.2	27.2	5.3	5.3	0.02	0.02	44	44	46.0	45.0	3.7	3.7	28.5	29.1	0.7	- 0.7
TCVV-VVQIVI4	Rainy	NA .	08:46	2nd	27.2	21.2	5.3	5.3	0.02	0.02	44	44	45.8	45.9	3.6	3.7	29.6	29.1	0.6	0.7
TCW-WQM5A	Cloudy	NA	09:21	1st	26.8	26.8	7.3	7.3	0.02	0.02	37	37	83.8	83.4	6.7	6.7	11.7	11.7	1.1	1.1
TCW-WQM5A	Cloudy	NA .	09:21	2nd	26.8	20.8	7.3	7.3	0.02	0.02	37	37	82.9	83.4	6.6	0.7	11.6	11.7	1.1	1.1
TCW-WQM6	Clavely	NA	11:02	1st	26.8	26.8	6.7	6.7	0.03	0.03	61	61	83.7	81.0	6.7	6.5	16.1	16.4	2.0	2.1
TCVV-VVQIVI6	Cloudy	NA .	11:02	2nd	26.8	20.8	6.7	6.7	0.03	0.03	61	61	78.3	81.0	6.3	0.5	16.6	10.4	2.2	2.1
TOW MONT	Clavely	NIA	44.47	1st	27.7	27.7	8.1	0.4	0.05	0.05	116	447	96.1	05.0	7.6	7.0	157.0	450.5	131.0	407.5
TCW-WQM7	Cloudy	NA	11:17	2nd	27.7	27.7	8.1	8.1	0.05	0.05	117	117	95.0	95.6	7.5	7.6	156.0	<u>156.5</u>	124.0	<u>127.5</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 16 August 2023 during Ebb Tide

Monitoring Station	Weather	Tidal Condition	Sampling		Water Te		р	Н	Salinit	y (ppt)	Cond (µS	uctivity /cm)	DO Satur	ation (%)	Dissolved (mg	d Oxygen g/L)	Turbidit	y(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	Cuppy	Dough	12:50	1st	30.0	30.0	8.4	8.4	24.18	24.19	38100	38100	79.5	78.3	5.3	5.2	13.5	13.8	4.6	4.4
TCVV-VVQIVIT	Sunny	Rough	12.50	2nd	30.0	30.0	8.4	0.4	24.19	24.19	38100	30100	77.1	76.3	5.1	5.2	14.0	13.6	4.1	4.4
TCW-WQM2	Sunny	NA	11:10	1st	28.1	28.1	6.1	6.1	0.02	0.02	48	48	66.0	65.9	5.2	5.2	12.7	12.0	14.9	145
TCVV-VVQIVIZ	Suriny	INA	11.10	2nd	28.1	20.1	6.0	0.1	0.02	0.02	47	40	65.7	65.9	5.1	5.2	13.0	<u>12.9</u>	14.1	<u>14.5</u>
TOW MOMON	Common	NIA	10:45	1st	28.2	28.2	7.1	7.1	0.03	0.03	64	- 64	83.7	84.5	6.5	6.6	4.5	4.6	2.1	2.1
TCW-WQM3A	Sunny	NA	10:45	2nd	28.2	28.2	7.1	7.1	0.03	0.03	64	04	85.3	84.5	6.7	0.0	4.7	4.0	2.0	2.1
TCW-WQM4	Sunny	NA	09:55	1st	27.1	27.1	6.3	6.3	0.02	0.02	41	41	55.5	52.2	4.4	4.2	3.7	3.5	0.7	0.7
TCVV-VVQIVI4	Suriny	INA	09.55	2nd	27.1	27.1	6.3	0.3	0.02	0.02	41	41	48.9	52.2	3.9	4.2	3.3	3.5	0.6	0.7
TCW-WQM5A	Sunny	NA	10:18	1st	27.8	27.9	7.0	7.0	0.02	0.02	39	39	93.8	93.4	7.4	7.4	4.6	4.5	0.8	0.9
TCW-WQWBA	Suriny	INA	10.16	2nd	27.9	21.9	7.0	7.0	0.02	0.02	39	- 39	92.9	93.4	7.3	7.4	4.4	4.5	0.9	0.9
TCW-WQM6	Sunny	NA	11:59	1st	27.8	27.8	6.4	6.4	0.03	0.03	58	- 58	73.5	73.5	5.8	5.8	12.6	12.0	3.6	3.4
1 CVV-VV QIVIO	Suriny	INA	11.59	2nd	27.8	21.0	6.4	0.4	0.03	0.03	58	- 50	73.5	73.5	5.8	5.0	13.4	<u>13.0</u>	3.1	3.4
TCW-WQM7	Cuppy	NA	11:42	1st	32.2	32.3	10.4	10.4	0.08	0.08	166	166	95.3	95.7	6.9	7.0	4.6	4.5	4.0	4.0
1 CVV-VVQIVI7	Sunny	INA	11.42	2nd	32.4	32.3	10.4	10.4	0.08	0.00	166	100	96.0	95.7	7.0	7.0	4.4	4.5	3.9	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 18 August 2023 during Ebb Tide

Monitoring Station	Weather	Tidal Condition	Sampling		Water Te	mperature °C)	р	Н	Salinit	y (ppt)	Cond (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	Cloudy	Rough	13:56	1st	29.4	29.4	8.4	8.4	24.06	24.12	38000	38050	38.2	37.9	2.6	2.6	14.0	14.3	3.6	4.1
TCVV-VVQIVIT	Cloudy	Kougii	13.30	2nd	29.4	29.4	8.4	0.4	24.17	24.12	38100	36030	37.5	37.9	2.5	2.0	14.6	14.3	4.5	4.1
TCW-WQM2	Rainy	NA	12:00	1st	27.5	27.5	6.8	6.8	0.03	0.03	67	67	46.9	46.0	3.7	3.7	3.5	3.6	1.1	1.2
TCVV-VVQIVIZ	Kalliy	INA	12.00	2nd	27.6	27.5	6.8	0.0	0.03	0.03	67	67	45.0	46.0	3.6	3.7	3.7	3.0	1.3	1.2
TOW MOMON	Dainu	NIA	11:34	1st	27.5	27.5	7.0	7.0	0.03	0.03	67	67	91.7	91.6	7.2	7.0	11.1	11.7	1.8	1.8
TCW-WQM3A	Rainy	NA	11:34	2nd	27.5	27.5	7.0	7.0	0.03	0.03	67	67	91.4	91.6	7.2	7.2	12.2	11.7	1.8	1.8
TCW-WQM4	Cloudy	NA	10:42	1st	27.6	27.5	5.9	5.9	0.02	0.02	45	45	44.2	45.8	3.5	3.6	3.3	3.3	<0.5	<0.5
TCVV-VVQIVI4	Cloudy	I NA	10:42	2nd	27.5	27.5	5.9	5.9	0.02	0.02	45	45	47.3	45.8	3.7	3.0	3.3	3.3	<0.5	<0.5
TCW-WQM5A	Dainu	NIA	44.07	1st	27.4	27.4	6.9	6.9	0.02	0.02	40	40	77.6	77.1	6.1	0.4	15.1	15.2	0.6	0.7
TCVV-VVQIVISA	Rainy	NA	11:07	2nd	27.4	27.4	6.9	6.9	0.02	0.02	40	40	76.5	77.1	6.1	6.1	15.2	15.2	0.7	0.7
TCW-WQM6	Dainu	NA	13:01	1st	27.0	27.0	6.8	6.8	0.03	0.03	65	65	75.2	75.6	6.0	6.1	3.1	3.1	4.1	6.2
TCVV-VVQIVI6	Rainy	I NA	13:01	2nd	27.0	27.0	6.8	0.8	0.03	0.03	65	- 65	75.9	75.0	6.1	0.1	3.1	3.1	8.2	0.2
TOW WOMZ	Dainu	NIA	10.04	1st	28.0	20.0	9.5	0.5	0.08	0.00	167	400	79.9	77.4	6.3	6.4	14.8	44.0	2.6	2.0
TCW-WQM7	Rainy	NA	12:24	2nd	28.0	28.0	9.5	9.5	0.08	0.08	168	168	74.9	77.4	5.9	6.1	14.4	14.6	2.6	2.6

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 21 August 2023 during Ebb Tide

Monitoring Station	Weather	Tidal Condition	Sampling		Water Te	mperature (C)	р	Н	Salinit	y (ppt)	Cond (µS	uctivity /cm)	DO Satur	ation (%)	Dissolved (mg	d Oxygen g/L)	Turbidit	y(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	Cuppy	Dough	15:05	1st	30.5	30.5	8.7	8.7	24.02	24.03	37900	37900	96.4	95.4	6.3	6.3	17.5	17.6	5.3	5.5
1CVV-VVQIVIT	Sunny	Rough	15.05	2nd	30.6	30.5	8.7	0.7	24.03	24.03	37900	37900	94.3	95.4	6.2	0.3	17.7	17.0	5.6	5.5
TCW-WQM2	Sunny	NA	13:47	1st	28.2	28.2	6.8	6.8	0.02	0.02	46	46	54.1	51.3	4.2	4.0	3.2	3.2	0.7	0.7
TCVV-VVQIVIZ	Suriny	INA	13.47	2nd	28.2	20.2	6.7	0.0	0.02	0.02	46	40	48.5	51.5	3.8	4.0	3.2	3.2	0.7	0.7
TOW MONAGA	Common	NIA	12.10	1st	28.4	28.4	7.4	7.4	0.03	0.03	66		83.7	85.5	6.5	6.7	4.3	4.3	1.4	1.3
TCW-WQM3A	Sunny	NA	13:16	2nd	28.4	28.4	7.4	7.4	0.03	0.03	66	- 66	87.3	85.5	6.8	0.7	4.3	4.3	1.2	1.3
TCW-WQM4	Common	NA	12:29	1st	27.3	27.3	6.3	6.3	0.02	0.02	38	20	45.5	45.1	3.6	3.6	3.3	3.3	<0.5	<0.5
TCVV-VVQIVI4	Sunny	INA	12.29	2nd	27.3	21.3	6.3	0.3	0.02	0.02	38	- 38	44.7	45.1	3.5	3.0	3.2	3.3	<0.5	<0.5
TCW-WQM5A	Sunny	NA	12:47	1st	28.5	28.5	7.6	7.6	0.02	0.02	38	- 38	91.5	92.5	7.1	7.2	3.6	3.8	0.7	0.7
TCW-WQWBA	Suriny	INA	12.47	2nd	28.5	20.5	7.6	7.0	0.02	0.02	38	- 30	93.4	92.5	7.3	1.2	4.0	3.0	0.6	0.7
TCW-WQM6	Sunny	NA	14:28	1st	27.8	27.8	6.7	6.6	0.03	0.03	60	- 60	74.5	73.8	5.9	5.8	3.0	3.1	0.7	0.8
TCVV-VVQIVIO	Suriny	INA	14.20	2nd	27.8	21.0	6.5	0.0	0.03	0.03	60	- 60	73.1	73.0	5.7	5.0	3.1	3.1	0.9	0.6
TCW-WQM7	Cuppy	NA	14:12	1st	29.5	29.5	10.1	10.1	0.05	0.05	106	106	112.6	112.6	8.6	8.6	5.0	4.8	1.9	1.8
1 CVV-VVQIVI7	Sunny	INA	14.12	2nd	29.5	29.5	10.1	10.1	0.05	0.05	106	100	112.6	112.0	8.6	0.0	4.5	4.0	1.7	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 23 August 2023 during Ebb Tide

Monitoring Station	Weather	Tidal Condition	Sampling		Water Te	mperature (C)	р	Н	Salinit	y (ppt)	Cond (µS	uctivity /cm)	DO Satur	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	Dough	15:30	1st	32.7	32.7	8.9	8.9	5.80	5.77	10300	10250	117.1	117.0	8.2	8.2	17.5	17.7	4.7	4.6
TCVV-VVQIVIT	Cloudy	Rough	15.50	2nd	32.8	32.7	8.9	0.9	5.74	5.77	10200	10250	116.9	117.0	8.2	0.2	17.9	17.7	4.4	4.0
TOWNSON	Oleverte	NIA	44.40	1st	29.3	00.0	6.8	0.7	0.02	0.00	49	40	54.4	50.4	4.2	4.4	3.3	0.4	1.0	4.0
TCW-WQM2	Cloudy	NA	14:16	2nd	29.3	29.3	6.7	6.7	0.02	0.02	49	49	51.7	53.1	4.0	4.1	3.4	3.4	0.9	1.0
TOW MONTO A	0		10.50	1st	29.2	00.0	7.5	7.5	0.03	0.00	66	-00	92.9	00.0	7.1	7.0	3.5		1.3	1.0
TCW-WQM3A	Cloudy	NA	13:50	2nd	29.2	29.2	7.5	7.5	0.03	0.03	66	- 66	94.6	93.8	7.3	7.2	4.0	3.8	1.2	1.3
TOWNSMA	0		10.57	1st	27.5	07.5	6.2	0.0	0.02	0.00	43	40	52.3	40.0	4.1		3.6		0.7	0.7
TCW-WQM4	Cloudy	NA	12:57	2nd	27.5	27.5	6.3	6.2	0.02	0.02	43	43	44.3	48.3	3.5	3.8	3.6	3.6	0.6	0.7
TOWN MONATA	Clavidy	NIA	12:10	1st	29.1	20.2	7.7	77	0.02	0.00	39	20	89.1	00.4	6.8	6.0	4.5	4.4	0.5	0.5
TCW-WQM5A	Cloudy	NA	13:19	2nd	29.2	29.2	7.8	7.7	0.02	0.02	39	39	91.6	90.4	7.0	6.9	4.2	4.4	0.5	0.5
TOWNSONS	Oleverte	NIA	45:00	1st	28.7	00.7	7.1	7.0	0.03	0.00	60	00	65.3	00.5	5.1	5.0	3.7	0.0	1.1	4.0
TCW-WQM6	Cloudy	NA	15:02	2nd	28.7	28.7	6.9	7.0	0.03	0.03	60	- 60	61.6	63.5	4.8	5.0	3.8	3.8	1.3	1.2
TO 101 101 ON 47	Claudi	NIA	44.50	1st	32.7	22.7	10.7	40.7	0.06	0.00	137	407	93.3	04.4	6.7		4.4	4.2	1.9	2.0
TCW-WQM7	Cloudy	NA	14:52	2nd	32.7	32.7	10.7	10.7	0.06	0.06	137	137	95.4	94.4	6.9	6.8	4.2	4.3	2.1	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 25 August 2023 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	ation (%)	Dissolved (mg	d Oxygen g/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	07:30	1st	29.2	29.1	8.4	8.4	22.62	22.62	35900	35850	41.7	39.6	2.8	2.7	14.3	14.0	2.5	2.4
TCVV-VVQIVIT	Suring	Kougii	07.30	2nd	29.1	29.1	8.4	0.4	22.61	22.02	35800	33630	37.5	39.0	2.5	2.1	13.6	14.0	2.2	2.4
TCW-WQM2	Sunny	NA	08:33	1st	26.9	26.9	6.4	6.4	0.03	0.03	60	60	57.7	55.6	4.6	4.5	4.0	3.7	0.9	0.9
TCVV-VVQIVIZ	Suriny	INA	06.33	2nd	26.9	20.9	6.4	0.4	0.03	0.03	60	60	53.4	33.6	4.3	4.5	3.4	3.7	0.8	0.9
TOW MOMON	Common	NA	09:06	1st	26.9	26.9	7.5	7.5	0.03	0.03	62	62	89.9	90.2	7.2	7.0	3.5	3.4	2.6	2.5
TCW-WQM3A	Sunny	INA .	09:06	2nd	26.9	26.9	7.5	7.5	0.03	0.03	62	62	90.5	90.2	7.2	7.2	3.2	3.4	2.3	2.5
TCW-WQM4	Common	NA	09:40	1st	26.9	26.9	6.0	5.9	0.02	0.02	43	43	43.5	47.4	3.5	3.8	3.9	3.6	0.6	0.6
TCVV-VVQIVI4	Sunny	INA .	09:40	2nd	26.9	26.9	5.9	5.9	0.02	0.02	43	43	51.3	47.4	4.1	3.8	3.3	3.0	0.5	0.6
TCW-WQM5A	Common	NA	10:07	1st	27.6	27.6	7.6	7.6	0.02	0.02	38	38	94.2	94.5	7.4	7.5	4.2	4.4	0.6	0.6
TCVV-VVQIVISA	Sunny	INA .	10:07	2nd	27.6	27.0	7.6	7.0	0.02	0.02	38	38	94.8	94.5	7.5	7.5	4.5	4.4	0.6	0.6
TCW-WQM6	Common	NA	08:06	1st	26.6	26.6	6.8	6.8	0.03	0.03	59	59	70.1	70.1	5.6	5.6	3.2	3.2	1.1	1.1
TCVV-VVQIVI6	Sunny	INA .	08:06	2nd	26.6	20.0	6.8	0.8	0.03	0.03	59	59	70.0	70.1	5.6	5.0	3.2	3.2	1.1	1.1
TOW MONT	Common	NIA	07.50	1st	27.2	27.0	11.1	44.4	0.10	0.40	207	200	87.2	00.0	6.9		4.8	4.0	3.9	4.4
TCW-WQM7	Sunny	NA	07:52	2nd	27.2	27.2	11.1	11.1	0.10	0.10	208	208	86.5	86.9	6.9	- 6.9	4.7	4.8	4.2	4.1

Calm: Small or no wave; Moderate: Between calm and rough; Rough: White capped or rougher

NA: This monitoring location is not subject to tidal effect.

Water Quality Monitoring Results on 28 August 2023 during Ebb Tide

Monitoring Station	Weather	Tidal Condition	Sampling		Water Te	mperature C)	р	Н	Salinit	y (ppt)		uctivity /cm)	DO Satur	ation (%)	Dissolved (mg		Turbidit	y(NTU)		ded Solids ig/L)
g	Condition		Time		Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
TOWNSONA	Olevek	Downto	10:04	1st	29.5	29.5	8.8	8.8	22.72	22.74	36000	36050	70.8	69.4	4.8	4.7	13.6	13.6	2.9	
TCW-WQM1	Cloudy	Rough	10:31	2nd	29.5	29.5	8.8	8.8	22.75	22.74	36100	36050	67.9	69.4	4.6	4.7	13.5	13.6	3.1	3.0
TCW-WQM2	Common	NA	44.02	1st	27.7	27.7	7.2	7.2	0.04	0.04	81	04	47.4	46.9	3.7	3.7	3.3	3.4	2.3	2.3
TCVV-VVQIVI2	Sunny	NA NA	11:03	2nd	27.7	21.1	7.2	1.2	0.04	0.04	81	- 81	46.3	46.9	3.6	3.7	3.5	3.4	2.3	2.3
TCW-WQM3A	Cuppy	NA	11:26	1st	27.9	27.9	7.4	7.4	0.03	0.03	65	- 66	86.4	85.5	6.8	6.7	3.9	4.1	4.4	4.3
TCVV-VVQIVI3A	Sunny	NA NA	11:26	2nd	27.9	27.9	7.4	7.4	0.03	0.03	67	- 00	84.6	85.5	6.6	0.7	4.3	4.1	4.2	4.3
TCW-WQM4	Clavely	NA	11:58	1st	27.3	27.3	6.3	6.3	0.02	0.02	39	39	67.7	66.0	5.4	5.3	3.8	3.7	1.4	1.4
TCVV-VVQIVI4	Cloudy	NA NA	11:58	2nd	27.3	27.3	6.3	6.3	0.02	0.02	39	39	64.2	00.0	5.1	5.3	3.5	3.7	1.4	1.4
TOW MONTA	Clavely	NA	12:27	1st	28.1	28.1	7.8	7.8	0.02	0.02	37	37	90.2	91.7	7.1	7.2	4.6	4.9	1.1	1.1
TCW-WQM5A	Cloudy	NA NA	12:27	2nd	28.1	28.1	7.8	7.8	0.02	0.02	37	37	93.2	91.7	7.3	1.2	5.1	4.9	1.1	1.1
TCW-WQM6	Dainu	NA	10:08	1st	26.9	26.9	6.8	6.8	0.04	0.04	82	81	58.7	58.4	4.7	4.7	3.5	3.3	1.5	1.6
TCW-WQINIO	Rainy	NA NA	10:08	2nd	27.0	26.9	6.8	0.8	0.04	0.04	80	81	58.0	58.4	4.6	4.7	3.1	3.3	1.6	1.0
TCW-WQM7	Doiny	NA	09:46	1st	28.1	20.4	8.7	8.7	0.09	0.09	185	186	85.7	86.5	6.7	6.0	6.9	7.1	7.1	0.0
1 CVV-VVQIVI7	Rainy	INA	09:46	2nd	28.0	28.1	8.7	0.7	0.09	0.09	186	180	87.2	00.5	6.8	6.8	7.2	7.1	12.5	9.8

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 30 August 2023 during Ebb Tide

Monitoring Station	Weather	Tidal Condition	Sampling Time		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	Cloudy	Rough	11:58	1st	28.6	28.6	8.3	8.3	22.39	22.29	35500	- 35350	63.3	62.3	4.3	4.3	13.0	12.9	5.9	6.1
				2nd	28.6		8.3	6.3	22.18	22.29	35200		61.3		4.2	4.3	12.7	12.9	6.3	0.1
TCW-WQM2	Sunny	NA	10:33	1st	26.4	26.4	6.2	- 6.2	0.02	0.02	38	38	76.7	- 76.0	6.2	6.2	3.3	3.1	1.0	1.0
				2nd	26.4		6.2		0.02	0.02	38		75.2		6.1	0.2	2.8	3.1	1.0	1.0
TCW-WQM3A	Sunny	NA	10:00	1st	26.3	26.3	7.5	7.5	0.03	0.03	75	75	93.7	93.9	7.6	7.6	6.4	6.5	5.7	5.8
				2nd	26.3		7.5		0.03	0.03	75	75	94.0		7.6		6.5	6.5	5.9	5.8
TCW-WQM4	Cloudy	NA	09:09	1st	26.4	- 26.4	6.4	6.4	0.01	0.01	35	35	44.5	44.2	3.5	3.5	3.0	2.9	1.4	1.4
				2nd	26.4		6.4		0.01	0.01	35	35	43.8		3.5		2.8	2.9	1.4	
TCW-WQM5A	Cloudy	NA	09:30	1st	25.9	- 25.9	7.3	7.3	0.02	0.02	36	- 36	91.1	90.9	7.4	- 7.4	6.9	7.3	1.1	1.1
				2nd	25.9		7.3		0.02	0.02	36		90.7		7.4		7.6		1.1	
TCW-WQM6	Sunny	NA	11:03	1st	26.3	- 26.3	6.9	6.9	0.03	0.03	64	- 64	78.5	- 78.5	6.3	6.3	3.3	3.1	1.4	1.5
				2nd	26.3		6.8		0.03	0.03	64		78.4		6.3	0.3	2.8	3.1	1.5	1.5
TCW-WQM7	Sunny	NA	11:24	1st	28.7	28.7	9.8	9.8	0.09	0.09	199	197	113.1	113.2	8.8	8.8	20.9	20.8	12.8	11.5
				2nd	28.7		9.7		0.09	0.09	194	197	113.2		8.7		20.6		10.1	

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.