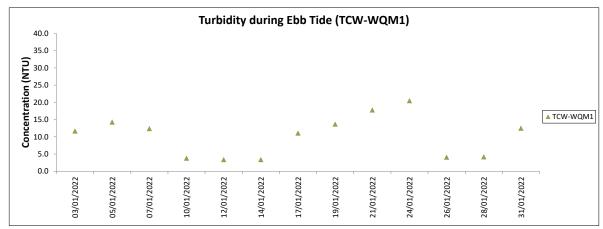


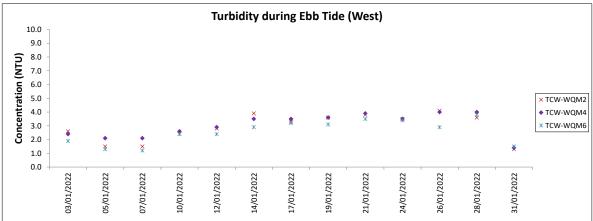
Note: The Action and Limit Level of dissolved oxygen can be referred to Table 4.3 of the monthly EM&A report.

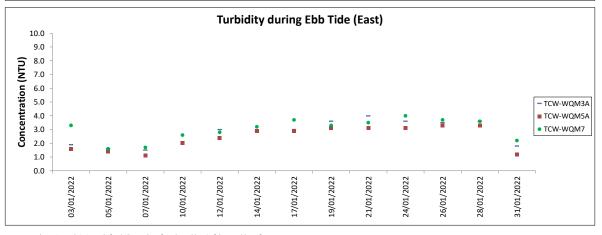
Major site activities carried out during the reporting period are summarized in Section 1.4 of the monthly EM&A report.

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.





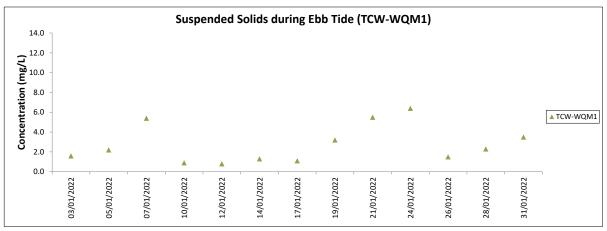


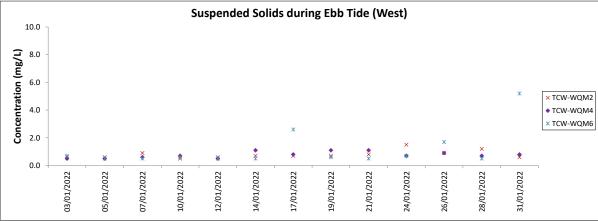
Note: The Action and Limit Level of turbidity can be referred to Table 4.3 of the monthly EM&A report.

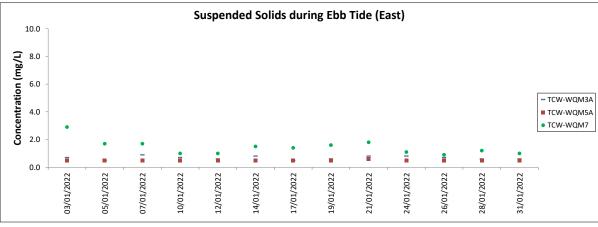
Major site activities carried out during the reporting period are summarized in Section 1.4 of the monthly EM&A report.

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 03 January 2022 during Ebb Tide

Monitoring Station	Weather	Tidal Condition	Sampling	Replicate	Water Te	mperature °C)	p	Н	Salinit	y (ppt)	Condu (µS	uctivity /cm)	DO Satur	ration (%)	Dissolved (mg		Turbidi	ty(NTU)		ded Solids ig/L)
g Graner	Condition		Time	ropileate	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
TOW WOMA	0	David	40.00	1st	23.8	00.0	9.6	0.0	30.11	00.44	46400	40400	142.9	440.0	10.2	40.0	11.5	44.7	1.6	1.0
TCW-WQM1	Sunny	Rough	13:02	2nd	23.8	23.8	9.6	9.6	30.10	30.11	46400	46400	143.0	143.0	10.2	10.2	11.9	11.7	1.5	1.6
TCW-WQM2	Common	NA	11:09	1st	18.8	18.8	7.1	7.0	0.01	0.01	34	24	66.0	66.2	6.2	6.2	2.5	2.6	0.6	0.6
TCVV-VVQIVIZ	Sunny	INA	11.09	2nd	18.8	10.0	7.0	7.0	0.01	0.01	34	34	66.3	00.2	6.2	0.2	2.7	2.0	0.6	- 0.6
TCW-WQM3A	Sunny	NA	10:34	1st	19.4	19.4	7.7	7.7	0.04	0.04	79	79	74.1	74.4	6.8	6.9	1.8	1.9	0.6	0.7
TCVV-VVQIVISA	Suriny	INA	10.34	2nd	19.4	19.4	7.7	7.7	0.04	0.04	79	79	74.6	74.4	6.9	6.9	1.9	1.9	0.7	0.7
TCW-WQM4	Sunny	NA	09:38	1st	18.6	18.6	6.8	6.8	0.02	0.02	41	41	73.1	73.0	6.8	6.8	2.5	2.4	0.5	0.5
1 C VV - VV Q IVI 4	Suriny	INA	09.36	2nd	18.6	10.0	6.8	0.0	0.02	0.02	41	41	72.9	73.0	6.8	0.0	2.3	2.4	0.5	0.5
TCW-WQM5A	Sunny	NA	10:02	1st	18.3	18.3	7.4	7.4	0.02	0.02	39	39	119.8	120.6	11.3	11.4	1.6	1.6	<0.5	<0.5
TCW-WQIVISA	Suriny	INA	10.02	2nd	18.3	10.3	7.4	7.4	0.02	0.02	39	39	121.3	120.6	11.4	11.4	1.6	1.0	<0.5	<0.5
TCW-WQM6	Sunny	NA	11:35	1st	19.5	19.5	7.4	7.4	0.02	0.02	55	55	98.6	99.1	9.1	9.2	1.9	1.9	0.7	0.7
TCVV-VVQIVIO	Suring	INA	11.35	2nd	19.5	19.5	7.5	7.4	0.02	0.02	55	55	99.6	99.1	9.2	9.2	1.9	1.9	0.7	- 0.7
TCW-WQM7	Suppy	NA	12:10	1st	23.0	23.0	10.3	10.3	0.09	0.09	188	188	142.0	142.0	12.2	12.2	3.2	3.3	2.8	2.9
1 CVV-VVQIVI7	Sunny	INA	12.10	2nd	23.0	23.0	10.3	10.3	0.09	0.09	188	100	142.0	142.0	12.2	12.2	3.3	3.3	3.0	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 05 January 2022 during Ebb Tide

Monitoring Station	Weather	Tidal Condition	Sampling	Replicate	Water Te	mperature °C)	р	Н	Salinit	ty (ppt)		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	Cuppy	Dough	14:23	1st	26.4	26.5	9.9	10.0	22.51	22.48	35800	35700	173.8	174.3	12.3	12.4	14.0	14.3	2.3	2.2
TCVV-VVQIVIT	Sunny	Rough	14.23	2nd	26.5	20.5	10.0	10.0	22.44	22.40	35600	35700	174.7	174.3	12.4	12.4	14.5	14.3	2.1	2.2
TOWNSON	0	NIA	10:10	1st	21.6	04.0	6.8	0.0	0.02	0.00	36	00	76.6	70.0	6.8	0.0	1.4	4.5	0.6	0.0
TCW-WQM2	Sunny	NA	12:49	2nd	21.6	21.6	6.8	6.8	0.02	0.02	36	36	75.8	76.2	6.7	6.8	1.6	1.5	0.5	0.6
TOW WOMON			10.01	1st	21.6	04.0	7.6	7.0	0.04	0.04	81	0.4	70.1	70.0	6.2	0.0	1.6	4.0	<0.5	0.5
TCW-WQM3A	Sunny	NA	12:21	2nd	21.6	21.6	7.6	7.6	0.04	0.04	81	81	70.5	70.3	6.2	6.2	1.6	1.6	<0.5	<0.5
TOWNORM	0	NIA	44.07	1st	19.3	40.0	7.0	7.0	0.04	0.04	84	0.4	68.3	00.0	6.3	0.0	2.0	0.4	<0.5	0.5
TCW-WQM4	Sunny	NA	11:27	2nd	19.3	19.3	7.0	7.0	0.04	0.04	84	84	68.1	68.2	6.3	6.3	2.1	2.1	<0.5	<0.5
TOWN INCOMES	0	NIA	44.50	1st	21.5	04.5	8.0	0.0	0.02	0.00	38	00	123.3	400.4	10.9	40.0	1.4	4.4	<0.5	0.5
TCW-WQM5A	Sunny	NA	11:50	2nd	21.5	21.5	8.0	8.0	0.02	0.02	38	38	123.4	123.4	10.9	10.9	1.4	1.4	<0.5	<0.5
TOWNOMO	0	NIA	40:40	1st	21.3	04.0	7.3	7.0	0.03	0.00	64	0.4	77.7	77.4	6.9	0.0	1.2	4.0	<0.5	0.5
TCW-WQM6	Sunny	NA	13:18	2nd	21.3	21.3	7.3	7.3	0.03	0.03	64	64	77.1	77.4	6.8	6.9	1.3	1.3	<0.5	<0.5
TCW-WQM7	Cuppy	NIA	12:40	1st	26.4	26.4	10.4	10.4	0.12	0.12	245	245	139.7	139.8	11.2	11.0	1.5	1.6	1.9	1.7
1 CVV-VVQIVI7	Sunny	NA	13:40	2nd	26.5	20.4	10.4	10.4	0.12	0.12	245	245	139.8	139.8	11.2	11.2	1.7	1.0	1.5	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 07 January 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		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	Clavidy	Davish	45.22	1st	23.3	23.3	9.3	9.3	27.88	27.89	43300	43350	157.0	157.1	11.4	44.4	12.2	12.4	5.4	5.4
TCVV-VVQIVIT	Cloudy	Rough	15:32	2nd	23.3	23.3	9.3	9.5	27.90	27.09	43400	43330	157.1	157.1	11.4	11.4	12.6	12.4	5.4	5.4
TOWNSON	Oleverte	NIA	40.50	1st	20.6	00.0	6.9	0.0	0.02	0.00	36	00	64.8	04.7	5.8	5.0	1.4	4.5	0.9	0.0
TCW-WQM2	Cloudy	NA	13:56	2nd	20.6	20.6	6.9	6.9	0.02	0.02	36	36	64.6	64.7	5.8	5.8	1.5	1.5	0.8	0.9
TOW INCOMO.	01 1		10.15	1st	20.7	00.7	7.7		0.04	0.04	82	00	71.6	70.4	6.4	0.5	1.5		0.9	
TCW-WQM3A	Cloudy	NA	13:15	2nd	20.7	20.7	7.7	7.7	0.04	0.04	82	82	72.5	72.1	6.5	6.5	1.4	1.5	0.8	0.9
TOWNSMA	01 1		40.00	1st	19.6	40.5	6.9	0.0	0.02	0.00	55		69.1	00.4	6.3	0.0	2.1	0.4	0.6	
TCW-WQM4	Cloudy	NA	12:22	2nd	19.5	19.5	6.9	6.9	0.02	0.02	55	55	69.1	69.1	6.3	6.3	2.1	2.1	0.5	0.6
TOWNSALA	Oleverte	NIA	10:10	1st	20.5	00.5	7.8	7.0	0.02	0.00	39	00	116.9	440.0	10.5	40.0	1.1	4.4	<0.5	0.5
TCW-WQM5A	Cloudy	NA	12:49	2nd	20.5	20.5	7.8	7.8	0.02	0.02	39	39	119.1	118.0	10.7	10.6	1.1	1.1	<0.5	<0.5
TOWN MONAC	Clavidy	NIA	14:29	1st	20.7	20.7	7.3	7.3	0.03	0.03	56	- 56	89.6	89.7	8.0	8.1	1.1	1.2	<0.5	<0.5
TCW-WQM6	Cloudy	NA	14:29	2nd	20.7	20.7	7.3	7.3	0.03	0.03	56	90	89.8	89.7	8.1	8.1	1.2	1.2	<0.5	<0.5
TCW-WQM7	Cloudy	NIA	14.51	1st	23.1	23.1	10.4	10.4	0.11	0.11	226	226	143.3	143.3	12.3	10.0	1.7	1.7	1.6	1.7
1 CVV-VVQIVI7	Cloudy	NA	14:51	2nd	23.2	23.1	10.4	10.4	0.11	0.11	226	220	143.2	143.3	12.2	12.3	1.7	1.7	1.7	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 10 January 2022 during Ebb Tide

Monitoring Station	Weather	Tidal Condition	Sampling	Replicate	Water Te	mperature °C)	р	Н	Salinit	ty (ppt)		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	Cloudy	Rough	08:18	1st	20.2	20.2	8.4	8.4	27.78	27.81	43300	43350	50.0	50.1	3.9	3.9	3.8	3.8	1.2	0.9
TCVV-VVQIVIT	Cloudy	Kougii	06.16	2nd	20.1	20.2	8.4	0.4	27.83	27.01	43400	43330	50.1	50.1	3.9	3.9	3.7	3.6	0.5	0.9
TCW-WQM2	Cloudy	NA	09:45	1st	19.0	19.0	7.3	7.3	0.02	0.02	42	42	105.5	105.4	9.8	9.8	2.2	2.4	<0.5	<0.5
TCVV-VVQIVIZ	Cloudy	INA	09.45	2nd	19.0	19.0	7.3	7.3	0.02	0.02	42	42	105.3	105.4	9.8	9.0	2.5	2.4	<0.5	<0.5
TCW-WQM3A	Clavely	NA	10:12	1st	19.5	19.5	7.8	7.8	0.04	0.04	91	91	65.5	65.3	6.0	6.0	2.1	2.4	0.6	- 0.7
TCVV-VVQIVI3A	Cloudy	INA	10:12	2nd	19.5	19.5	7.8	7.8	0.04	0.04	91	91	65.1	00.3	6.0	6.0	2.1	2.1	0.8	0.7
TCW-WQM4	Clavely	NA	10:44	1st	19.1	19.0	7.0	7.0	0.02	0.02	42	40	62.6	62.5	5.8	5.8	2.5	2.6	0.7	- 0.7
TCVV-VVQIVI4	Cloudy	INA	10.44	2nd	19.0	19.0	7.0	7.0	0.02	0.02	42	42	62.4	02.5	5.8	5.0	2.6	2.0	0.7	0.7
TCW-WQM5A	Cloudy	NA	11:10	1st	19.3	19.3	7.8	7.8	0.02	0.02	39	39	113.2	112.8	10.4	10.4	1.9	2.0	<0.5	- <0.5
TCVV-VVQIVIDA	Cloudy	INA	11:10	2nd	19.3	19.3	7.8	7.8	0.02	0.02	39	39	112.3	112.8	10.4	10.4	2.0	2.0	<0.5	<0.5
TCW-WQM6	Clavely	NA	09:01	1st	19.4	19.4	7.7	7.7	0.02	0.02	52	52	95.8	95.9	8.8	8.8	2.3	2.4	0.6	0.6
TCVV-VVQIVIO	Cloudy	INA	09:01	2nd	19.4	19.4	7.7	7.7	0.02	0.02	52	52	95.9	95.9	8.8	8.8	2.5	2.4	0.5	0.6
TCW-WQM7	Clouds	NIA	00:17	1st	19.7	19.7	8.8	0.0	0.04	0.04	91	01	95.5	96.0	8.7	0.0	2.6	2.6	1.1	1.0
1 CVV-VVQIVI7	Cloudy	NA	09:17	2nd	19.8	19.7	8.8	8.8	0.04	0.04	91	91	96.5	96.0	8.8	8.8	2.6	2.0	0.8	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 12 January 2022 during Ebb Tide

Monitoring Station	Weather	Tidal Condition	Sampling	Replicate	Water Te	mperature °C)	р	Н	Salinit	ty (ppt)		uctivity /cm)	DO Satur	ration (%)	Dissolved (mg	d Oxygen g/L)	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
TCW-WQM1	Cloudy	Rough	09:00	1st	19.9	19.9	8.1	8.1	20.08	20.08	32300	32300	56.4	56.3	4.6	4.6	3.3	3.4	0.7	0.8
TCVV-VVQIVIT	Cloudy	Kougii	09.00	2nd	19.9	19.9	8.1	0.1	20.08	20.06	32300	32300	56.1	30.3	4.5	4.0	3.4	3.4	0.9	0.6
TCW-WQM2	Cloudy	NA	10:20	1st	17.7	17.7	7.3	7.3	0.02	0.02	39	39	90.1	90.0	8.6	8.6	2.7	2.8	0.5	0.6
TCVV-VVQIVI2	Cloudy	INA	10.20	2nd	17.7	17.7	7.3	7.3	0.02	0.02	39	39	89.8	90.0	8.6	0.0	2.8	2.0	0.6	0.6
TCW-WQM3A	Clavely	NA	10:54	1st	17.9	17.9	7.8	7.8	0.04	0.04	85	85	70.5	70.3	6.7	6.7	2.9	3.0	0.5	0.6
TCVV-VVQIVI3A	Cloudy	INA	10:54	2nd	17.9	17.9	7.8	7.8	0.04	0.04	85	85	70.0	70.3	6.6	0.7	3.0	3.0	0.6	0.6
TCW-WQM4	Cloudy	NA	11:30	1st	17.7	17.7	7.1	7.1	0.02	0.02	42	42	57.0	57.1	5.4	5.4	2.9	2.9	<0.5	<0.5
TCVV-VVQIVI4	Cloudy	INA	11.30	2nd	17.7	17.7	7.1	7.1	0.02	0.02	42	42	57.1	57.1	5.4	5.4	2.9	2.9	<0.5	<0.5
TCW-WQM5A	Cloudy	NA	11:52	1st	17.8	17.8	7.9	7.9	0.02	0.02	38	38	116.1	116.1	11.0	11.0	2.4	2.4	<0.5	<0.5
TCVV-VVQIVIDA	Cloudy	INA	11:52	2nd	17.8	17.8	7.9	7.9	0.02	0.02	38	38	116.0	110.1	11.0	11.0	2.4	2.4	<0.5	<0.5
TCW-WQM6	Clavely	NA	09:30	1st	18.1	18.1	7.6	7.6	0.03	0.03	69	69	86.3	86.5	8.2	8.2	2.4	2.4	<0.5	<0.5
1 CVV-VVQIVIO	Cloudy	INA	09:30	2nd	18.1	18.1	7.6	7.0	0.03	0.03	68	69	86.6	86.5	8.2	8.2	2.4	2.4	<0.5	<0.5
TCW-WQM7	Clouds	NIA	00:52	1st	18.0	18.0	8.9	9.0	0.04	0.04	86	96	145.9	145.9	13.8	12.0	2.8	2.8	1.3	1.0
1 CVV-VVQIVI7	Cloudy	NA	09:52	2nd	18.0	16.0	8.9	8.9	0.04	0.04	86	86	145.9	145.9	13.8	13.8	2.8	2.8	0.7	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 14 January 2022 during Ebb Tide

Monitoring Station	Weather	Tidal Condition	Sampling	Replicate	Water Te	mperature °C)	р	Н	Salinit	ty (ppt)		uctivity /cm)	DO Satur	ration (%)	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	Cloudy	Dough	10:32	1st	19.7	19.7	8.4	8.4	23.71	23.71	37500	37500	83.3	83.6	6.6	6.7	3.3	3.4	1.2	1.3
TCVV-VVQIVIT	Cloudy	Rough	10.32	2nd	19.7	19.7	8.4	0.4	23.70	23.71	37500	37500	83.9	03.0	6.7	0.7	3.4	3.4	1.4	1.3
TCW-WQM2	Clavely	NA	11.10	1st	18.1	18.1	7.3	7.3	0.01	0.01	34	34	70.7	70.9	6.7	6.7	3.7	3.9	0.6	0.7
TCVV-VVQIVIZ	Cloudy	INA	11:40	2nd	18.1	18.1	7.3	7.3	0.01	0.01	34	34	71.1	70.9	6.7	0.7	4.0	3.9	0.7	0.7
TOWN INCOMES	Oleverte	NIA	40.47	1st	18.6	18.6	7.8	7.0	0.04	0.04	93	00	72.8	70.0	6.8	0.0	2.9	0.0	0.8	0.0
TCW-WQM3A	Cloudy	NA	12:17	2nd	18.6	18.6	7.8	7.8	0.04	0.04	93	93	73.6	73.2	6.9	6.9	2.9	2.9	0.7	0.8
TCW-WQM4	Clavely	NA	10.51	1st	17.9	17.9	7.1	7.1	0.02	0.02	43	40	55.0	54.9	5.2	5.0	3.4	3.5	0.9	1.1
TCVV-VVQIVI4	Cloudy	INA	12:51	2nd	17.9	17.9	7.1	7.1	0.02	0.02	43	43	54.8	54.9	5.2	5.2	3.6	3.5	1.2	1.1
TOWN MONATA	Clavely	NA	12.45	1st	18.2	40.0	8.2	8.2	0.02	0.00	39	20	113.3	440.4	10.7	40.7	2.8	2.9	<0.5	<0.5
TCW-WQM5A	Cloudy	INA	13:15	2nd	18.2	18.2	8.2	8.2	0.02	0.02	39	39	113.5	113.4	10.7	10.7	2.9	2.9	<0.5	<0.5
TCW-WQM6	Clavely	NA	09:57	1st	18.8	18.8	7.4	7.4	0.02	0.02	53	- 53	83.2	83.1	7.8	7.8	2.7	2.9	<0.5	- <0.5
TCVV-VVQIVIO	Cloudy	INA	09:57	2nd	18.8	18.8	7.4	7.4	0.02	0.02	53	53	83.0	83.1	7.7	7.8	3.0	2.9	<0.5	<0.5
TCW-WQM7	Cloudy	NIA	11:02	1st	19.5	19.5	10.0	10.0	0.04	0.04	95	0.F	112.5	112.6	10.3	10.4	3.2	2.2	1.5	1.5
1 CVV-VVQIVI7	Cloudy	NA	11:03	2nd	19.5	19.5	10.0	10.0	0.04	0.04	95	95	112.7	112.0	10.4	10.4	3.2	3.2	1.4	1.5

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 17 January 2022 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		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	Cloudy	Dough	11:50	1st	22.1	22.1	8.9	8.9	28.14	28.16	43700	43750	150.1	150.1	11.1	11.1	10.8	11.1	0.6	1.1
TCVV-VVQIVIT	Cloudy	Rough	11.50	2nd	22.1	22.1	8.9	0.9	28.17	20.10	43800	43750	150.1	150.1	11.1	11.1	11.3	11.1	1.5	
TCW-WQM2	Clavely	NIA	10.24	1st	19.5	19.5	7.2	7.2	0.02	0.02	38	20	70.9	70.8	6.5	0.5	3.2	3.3	0.6	0.7
TCVV-VVQIVIZ	Cloudy	NA	10:34	2nd	19.5	19.5	7.2	7.2	0.02	0.02	39	39	70.6	70.8	6.5	6.5	3.4	3.3	0.8	0.7
TOWN INCOMES	Oleverte	NIA	40.00	1st	19.8	19.8	8.0	0.0	0.05	0.05	100	400	68.4	68.6	6.2	0.0	2.9	0.0	<0.5	0.5
TCW-WQM3A	Cloudy	NA	10:08	2nd	19.8	19.8	8.0	8.0	0.05	0.05	100	100	68.8	68.6	6.3	6.3	3.1	3.0	<0.5	<0.5
TCW-WQM4	Oleverte	NA	00.00	1st	19.3	19.2	6.9	0.0	0.02	0.02	41	44	58.6	50.5	5.4	5.4	3.4	3.5	0.7	- 0.8
TCVV-VVQIVI4	Cloudy	INA	09:26	2nd	19.2	19.2	6.9	6.9	0.02	0.02	41	41	58.3	58.5	5.4	5.4	3.5	3.5	0.8	0.8
TOWN MONATA	Clavely	NIA	00.45	1st	19.2	40.0	7.8	7.0	0.02	0.00	40	40	113.0	440.7	10.4	40.4	2.8	2.9	<0.5	.0.5
TCW-WQM5A	Cloudy	NA	09:45	2nd	19.2	19.2	7.8	7.8	0.02	0.02	40	40	112.4	112.7	10.4	10.4	2.9	2.9	<0.5	- <0.5
TCW-WQM6	Clavely	NA	10:54	1st	20.0	20.0	7.5	7.5	0.02	0.02	51	51	81.6	81.9	7.4	7.5	3.2	3.2	2.1	2.6
TCVV-VVQIVIO	Cloudy	INA INA	10:54	2nd	20.0	20.0	7.5	7.5	0.02	0.02	51	51	82.2	81.9	7.5	7.5	3.2	3.2	3.0	2.0
TCW-WQM7	Cloudy	NA	11:06	1st	21.1	21.1	9.9	9.9	0.04	0.04	89	90	143.5	143.6	12.8	12.8	3.6	3.7	1.2	1.4
1 CVV-VVQIVI7	Cloudy	INA	11.00	2nd	21.1	21.1	9.9	9.9	0.04	0.04	89	89	143.7	143.0	12.8	12.0	3.7	3.1	1.6	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 19 January 2022 during Ebb Tide

Monitoring Station	Weather	Tidal Condition	Sampling	Replicate		mperature	р	Н	Salinit	y (ppt)	Cond (µS	uctivity /cm)	DO Satur	ration (%)	Dissolved (mg		Turbidi	ty(NTU)		ded 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
TCW-WQM1	Comment	Dough	42.27	1st	22.9	22.9	9.3	9.3	24.35	24.34	38400	38350	159.6	159.7	11.9	11.9	13.5	13.7	3.2	3.2
TCVV-VVQIVIT	Sunny	Rough	13:27	2nd	23.0	22.9	9.3	9.3	24.33	24.34	38300	38350	159.8	159.7	11.9	11.9	13.8	13.7	3.1	3.2
TOW WOMO	0	NIA	44.50	1st	19.4	40.4	7.5	7.5	0.02	0.00	40	40	74.2	74.0	6.8	0.0	3.5	0.0	0.7	0.7
TCW-WQM2	Sunny	NA	11:50	2nd	19.4	19.4	7.5	7.5	0.02	0.02	40	40	74.4	74.3	6.9	6.9	3.7	3.6	0.6	0.7
TOWNS			44.00	1st	19.4	10.1	7.7		0.04	0.04	77		78.8	70.0	7.3	7.0	3.6		0.5	
TCW-WQM3A	Sunny	NA	11:22	2nd	19.4	19.4	7.7	7.7	0.04	0.04	77	77	79.1	79.0	7.3	7.3	3.6	3.6	0.6	0.6
TOW WOLL			10.05	1st	18.6	40.0	7.2	7.0	0.03	0.00	68	00	56.1	50.0	5.2	5.0	3.5		1.1	
TCW-WQM4	Sunny	NA	10:25	2nd	18.6	18.6	7.2	7.2	0.03	0.03	67	- 68	55.9	56.0	5.2	5.2	3.7	3.6	1.1	1.1
TOWNSA			10.10	1st	19.0	40.0	7.9	7.0	0.02	0.00	41		122.5	400.0	11.4	44.4	3.1	0.4	<0.5	0.5
TCW-WQM5A	Sunny	NA	10:49	2nd	19.0	19.0	7.9	7.9	0.02	0.02	41	41	123.2	122.9	11.4	11.4	3.0	3.1	<0.5	<0.5
TOW WOM	Cumanu	NIA	42.22	1st	19.8	10.0	7.5	7.5	0.03	0.03	58	F0.	74.4	74.3	6.8	0.0	3.0	2.4	0.5	0.6
TCW-WQM6	Sunny	NA	12:33	2nd	19.8	19.8	7.5	7.5	0.03	0.03	58	- 58	74.2	74.3	6.8	6.8	3.1	3.1	0.6	0.6
TOW WORK	Cunni	NIA	12:51	1st	24.7	24.7	10.1	10.1	0.06	0.06	140	140	133.7	133.7	11.1	11.1	3.2	2.2	1.6	1.6
TCW-WQM7	Sunny	NA	12:51	2nd	24.7	24.7	10.1	10.1	0.06	- 0.06	140	140	133.6	133.7	11.1	11.1	3.3	3.3	1.6	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 21 January 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		Turbidit	ty(NTU)		led Solids g/L)
	Condition		Time		Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
TCW-WQM1	Cloudy	Dough	15:02	1st	22.9	22.9	9.6	9.6	28.24	28.24	43800	43800	172.2	173.0	12.6	12.7	17.7	17.8	5.5	5.5
TCVV-VVQIVIT	Cloudy	Rough	15.02	2nd	22.9	22.9	9.6	9.6	28.23	20.24	43800	43000	173.8	173.0	12.7	12.7	17.9	17.0	5.4	5.5
TCW-WQM2	Clavely	NA	13:35	1st	20.1	20.0	7.5	7.4	0.02	0.02	37	37	68.3	68.2	6.2	6.2	3.6	3.8	0.8	0.8
TCVV-VVQIVIZ	Cloudy	INA	13:35	2nd	20.0	20.0	7.4	7.4	0.02	0.02	37	37	68.0	08.2	6.2	0.2	3.9	3.8	0.7	0.8
TOWN MONAGA	Olevek	NIA	40.00	1st	20.2	00.0	7.6	7.0	0.04	0.04	85	0.5	76.6	70.0	6.9	7.0	4.0	4.0	0.7	0.0
TCW-WQM3A	Cloudy	NA	13:03	2nd	20.2	20.2	7.6	7.6	0.04	0.04	85	85	77.2	76.9	7.0	7.0	3.9	4.0	0.8	0.8
TCW-WQM4	Clavely	NA	12:04	1st	18.6	18.6	7.2	7.2	0.03	0.03	67	67	60.4	60.4	5.7	F 7	3.9	3.9	1.2	1.1
TCVV-VVQIVI4	Cloudy	INA	12:04	2nd	18.5	18.6	7.2	1.2	0.03	0.03	67	67	60.4	60.4	5.7	5.7	3.9	3.9	1.0	1.1
TOW MONTA	Clavely	NA	42.22	1st	20.0	20.0	8.2	8.2	0.02	0.00	39	20	124.8	404.0	11.4	44.4	3.1	2.4	0.6	0.0
TCW-WQM5A	Cloudy	INA	12:22	2nd	20.0	20.0	8.2	8.2	0.02	0.02	39	39	125.0	124.9	11.4	11.4	3.0	3.1	0.5	0.6
TCW-WQM6	Cloudy	NA	13:59	1st	20.0	20.0	7.6	7.6	0.03	0.03	64	64	79.0	79.1	7.2	7.2	3.4	3.5	<0.5	- <0.5
TCVV-VVQIVIO	Cloudy	INA	13.59	2nd	20.0	20.0	7.6	7.6	0.03	0.03	64	04	79.2	79.1	7.2	1.2	3.5	3.5	<0.5	<0.5
TCW-WQM7	Cloudy	NA	14:17	1st	23.9	23.9	10.2	10.2	0.10	0.10	218	218	142.7	142.7	12.0	12.0	3.5	3.5	1.8	- 1.8
10vv-vvQivi7	Cloudy	INA	14.17	2nd	23.9	23.9	10.2	10.2	0.10	0.10	217	210	142.7	142.7	12.0	12.0	3.4	3.5	1.8	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 24 January 2022 during Ebb Tide

Monitoring Station	Weather	Tidal Condition	Sampling	Replicate	Water Te	mperature °C)	р	Н	Salinit	ty (ppt)		uctivity /cm)	DO Satur	ration (%)	Dissolved (mg		Turbidit	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	Cloudy	Bough	15:06	1st	23.4	23.4	9.4	9.4	25.22	25.25	39600	39650	164.4	167.0	12.1	12.3	20.6	20.5	6.5	6.4
TCVV-VVQIVIT	Cloudy	Rough	15.00	2nd	23.4	23.4	9.4	9.4	25.28	25.25	39700	39000	169.5	107.0	12.5	12.3	20.4	20.5	6.2	0.4
TCW-WQM2	Cloudy	NA	13:59	1st	21.3	21.3	7.2	7.2	0.02	0.02	38	38	60.2	60.2	5.3	5.3	3.5	3.5	1.2	1.5
TCVV-VVQIVIZ	Cloudy	INA	13.59	2nd	21.3	21.3	7.2	1.2	0.02	0.02	38	30	60.2	00.2	5.3	5.5	3.5	3.5	1.7	1.5
TCW-WQM3A	Clavidy	NA	13:38	1st	21.7	21.7	7.6	7.6	0.05	0.05	102	102	69.5	69.3	6.1	6.1	3.6	3.6	1.0	- 0.8
TCVV-VVQIVI3A	Cloudy	INA INA	13:38	2nd	21.7	21.7	7.6	7.6	0.05	0.05	102	102	69.1	69.3	6.1	0.1	3.6	3.0	0.5	0.8
TCW-WQM4	Clavidy	NA	13:01	1st	20.0	20.0	7.1	7.1	0.02	0.02	55		54.5	F4.0	5.0	5.0	3.5	3.5	0.5	- 0.7
TCVV-VVQIVI4	Cloudy	INA INA	13:01	2nd	20.0	20.0	7.1	7.1	0.02	0.02	55	55	54.7	54.6	5.0	5.0	3.5	3.5	0.8	0.7
TCW-WQM5A	Clavidy	NA	12.17	1st	21.4	21.4	8.0	8.0	0.02	0.02	43	40	122.6	122.6	10.8	10.8	3.0	3.1	<0.5	- <0.5
TCVV-VVQIVIDA	Cloudy	INA INA	13:17	2nd	21.4	21.4	8.0	8.0	0.02	0.02	43	43	122.6	122.0	10.8	10.8	3.1	3.1	<0.5	<0.5
TCW-WQM6	Clavidy	NA	14:17	1st	21.4	21.4	7.7	7.7	0.03	0.03	63	63	79.2	80.2	7.0	7.1	3.3	3.4	0.6	0.7
TCVV-VVQIVIO	Cloudy	INA INA	14:17	2nd	21.4	21.4	7.7	1.7	0.03	0.03	63	03	81.2	80.2	7.2	7.1	3.4	3.4	0.8	0.7
TCW-WQM7	Cloudy	NA	14:33	1st	23.3	23.3	9.9	9.9	0.05	0.05	99	00	84.9	85.2	7.2	7.3	4.0	4.0	1.0	1.1
1 CVV-VVQIVI7	Cloudy	INA	14.33	2nd	23.3	23.3	9.9	9.8	0.05	0.05	99	99	85.5	00.2	7.3	1.3	4.0	4.0	1.2	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 26 January 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 Satu	ration (%)	Dissolved (mg	d Oxygen g/L)	Turbidi	ty(NTU)		led Solids g/L)
line intering etailer	Condition		Time	ropiloato	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
TCW-WQM1	Cloudy	Dough	08:23	1st	21.3	21.3	8.4	8.4	27.10	27.13	42300	42350	142.2	142.1	10.8	10.8	4.1	4.1	1.3	1.5
1CVV-VVQIVI1	Cloudy	Rough	06.23	2nd	21.3	21.3	8.4	0.4	27.16	27.13	42400	42350	141.9	142.1	10.7	10.6	4.1	4.1	1.6	1.5
TCW-WQM2	Cummu	NA	09:47	1st	20.3	20.3	7.5	7.5	0.02	0.02	46	40	74.8	74.5	6.8	6.8	4.1	4.1	0.9	0.9
TCVV-VVQIVIZ	Sunny	INA INA	09:47	2nd	20.3	20.3	7.5	7.5	0.02	0.02	46	46	74.1	74.5	6.7	0.8	4.1	4.1	0.8	0.9
TOW WOMON	0	NIA	40:40	1st	21.0	04.0	7.9	7.0	0.04	0.04	94	0.4	66.1	66.3	5.9	5.0	3.5	0.5	0.7	0.7
TCW-WQM3A	Sunny	NA	10:13	2nd	21.0	21.0	7.9	7.9	0.04	0.04	94	94	66.5	66.3	5.9	5.9	3.5	3.5	0.6	0.7
TOW WOMA	0	NIA	40.47	1st	20.1	00.4	7.2	7.0	0.02	0.00	43	40	52.1	50.0	4.7	4.7	4.0	4.0	0.9	0.0
TCW-WQM4	Sunny	NA	10:47	2nd	20.1	20.1	7.2	7.2	0.02	0.02	43	43	51.9	52.0	4.7	4.7	4.0	4.0	0.8	0.9
TOW WOMEN	0	NIA	44.44	1st	21.0	04.0	8.3	0.0	0.02	0.00	41	14	119.3	440.7	10.6	40.7	3.3	0.0	<0.5	0.5
TCW-WQM5A	Sunny	NA	11:14	2nd	21.0	21.0	8.3	8.3	0.02	0.02	41	41	120.1	119.7	10.7	10.7	3.3	3.3	<0.5	<0.5
TOW MOME	0	NIA	00.57	1st	20.6	00.0	7.8	7.0	0.03	0.00	63	00	73.6	70.5	6.6	0.0	2.8	0.0	1.4	4.7
TCW-WQM6	Sunny	NA	08:57	2nd	20.6	20.6	7.8	7.8	0.03	0.03	63	- 63	73.4	73.5	6.6	6.6	3.0	2.9	2.0	1.7
TOM MONA?	Cuppy	NIA	00:12	1st	21.1	21.1	8.8	0.0	0.04	0.04	93	02	143.1	142.1	12.7	10.7	3.7	2.7	0.7	0.0
TCW-WQM7	Sunny	NA	09:13	2nd	21.1	21.1	8.8	8.8	0.04	0.04	93	93	143.1	143.1	12.7	12.7	3.7	3.7	1.0	0.9

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 28 January 2022 during Ebb Tide

Monitoring Station	Weather	Tidal Condition	Sampling	Replicate		mperature °C)	р	Н	Salinit	y (ppt)		uctivity /cm)	DO Satur	ration (%)	Dissolved (mg		Turbidi	ty(NTU)		ded Solids ng/L)
g Class	Condition		Time	ropileate	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
TOW WORM	Clavely	Davish	00:40	1st	22.2	22.2	8.5	0.5	25.70	25.72	40300	40350	139.8	139.7	10.5	10.5	4.1	4.2	2.1	2.2
TCW-WQM1	Cloudy	Rough	09:18	2nd	22.2	22.2	8.5	8.5	25.74	25.72	40400	40350	139.6	139.7	10.5	10.5	4.2	4.2	2.5	2.3
TCW-WQM2	Cloudy	NA	10:40	1st	20.9	20.9	7.8	7.7	0.02	0.02	40	40	89.6	89.8	8.0	8.0	3.6	3.6	1.3	1.2
TCVV-VVQIVIZ	Cloudy	INA	10:40	2nd	20.9	20.9	7.7	1.7	0.02	0.02	40	40	89.9	89.8	8.0	8.0	3.6	3.0	1.0	1.2
TCW-WQM3A	Clavely	NA	11:05	1st	21.3	21.3	8.3	8.3	0.04	0.04	97	97	85.4	85.6	7.6	7.6	3.5	3.6	0.5	0.6
TCW-WQIM3A	Cloudy	INA	11:05	2nd	21.3	21.3	8.3	8.3	0.04	0.04	97	97	85.7	85.6	7.6	7.0	3.7	3.0	0.6	0.6
TCW-WQM4	Clavely	NA	11:44	1st	20.4	20.4	7.3	7.3	0.02	0.02	42	42	54.3	54.1	4.9	4.9	3.9	4.0	0.6	0.7
TCVV-VVQIVI4	Cloudy	INA	11.44	2nd	20.3	20.4	7.3	7.3	0.02	0.02	42	42	53.9	34.1	4.9	4.9	4.0	4.0	0.7	- 0.7
TCW-WQM5A	Cloudy	NA	12:05	1st	21.0	21.0	8.3	8.3	0.02	0.02	40	40	118.7	119.0	10.6	10.7	3.2	3.3	<0.5	<0.5
TCW-WQIMSA	Cloudy	INA	12:05	2nd	21.0	21.0	8.3	8.3	0.02	0.02	40	40	119.3	119.0	10.7	10.7	3.4	3.3	<0.5	- <0.5
TCW-WQM6	Cloudy	NA	09:57	1st	21.1	21.1	7.9	7.9	0.03	0.03	67	67	73.7	73.7	6.6	6.6	3.7	3.8	<0.5	<0.5
TCVV-VVQIVIO	Cloudy	INA	09.57	2nd	21.1	21.1	7.9	7.9	0.03	0.03	67	67	73.7	13.1	6.6	0.0	3.8	3.0	<0.5	- <0.5
TCW-WQM7	Cloudy	NA	10:14	1st	22.4	22.4	9.7	9.7	0.04	0.04	86	- 86	96.4	97.7	8.4	8.5	3.6	3.6	1.1	1.2
TCVV-VVQIVI7	Cloudy	INA	10.14	2nd	22.4	22.4	9.7	9.7	0.04	0.04	86	00	99.0	91.1	8.6	0.5	3.6	3.0	1.2	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 31 January 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	Cloudy	Rough	13:07	1st	18.6	18.6	8.0	8.0	24.76	24.78	39100	39100	111.0	111.1	9.0	9.0	12.3	12.5	3.4	3.5
				2nd	18.6	10.0	8.0		24.79	24.70	39100		111.1		9.0	9.0	12.6		3.6	3.5
TCW-WQM2	Cloudy	NA	11:44	1st	17.6	47.0	6.6	6.6	0.01	0.01	34	34	82.3	80.3	7.9	7.7	1.3	4.0	0.5	0.0
				2nd	17.5	17.6	6.6		0.01	0.01	34		78.3		7.5	7.7	1.2	1.3	0.7	0.6
TCW-WQM3A	Cloudy	NA	11:15	1st	17.6	17.6	6.7	6.7	0.03	0.00	67	0.7	71.8	70.0	6.9	7.0	1.7	4.0	0.6	0.6
				2nd	17.6		6.6		0.03	0.03	67	67	74.1	73.0	7.1		1.8	1.8	0.5	0.6
TCW-WQM4	Cloudy	NA	10:05	1st	17.5	17.5	6.2	6.2	0.02	0.02	38	00	44.8	47.4	4.3	- 4.6	1.5		0.7	
				2nd	17.5		6.2		0.02		38	- 38	49.9		4.8		1.3	1.4	0.8	0.8
TCW-WQM5A	Cloudy	NA	10:52	1st	17.6	17.6	7.0	7.0	0.02	0.02	38	00	92.4	92.5	8.8	- 8.8	1.1	1.2	<0.5	<0.5
				2nd	17.6		7.0		0.02		38	- 38	92.5		8.8		1.2		<0.5	
TCW-WQM6	Cloudy	NA	12:21	1st	18.2	- 18.2	6.6	6.6	0.03	0.00	57	F.7	67.8	67.2	6.4	- 6.4	1.4	4.5	5.6	5.2
				2nd	18.2		6.6		0.03	0.03	57	- 57	66.6		6.3		1.5	1.5	4.7	
TCW-WQM7	Cloudy	NA	12:49	1st	17.9	- 17.9	8.0	- 8.1	0.10	- 0.10	219	040	88.9	91.2	8.4	8.7	2.1	2.2	1.2	1.0
				2nd	17.9		8.1		0.10		218	219	93.5		8.9		2.3		0.7	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.