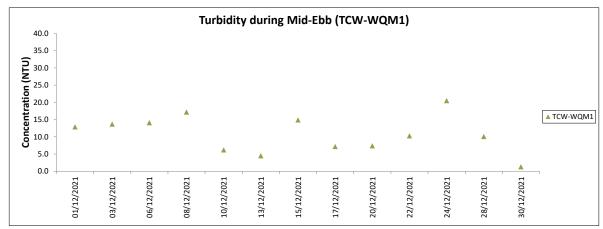


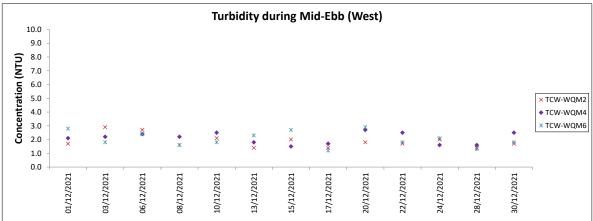
Note: The Action and Limit Level of dissolved oxygen can be referred to Table 4.3 of the monthly EM&A report.

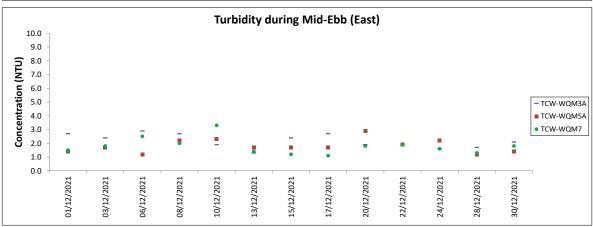
Major site activities carried out during the reporting period are summarized in Section 1.4 of the monthly EM&A report.

Weather conditions during monitoring are presented in the data tables below.

QA/ QC requirements as stipulated in the EM&A Manual were carried out during measurement.





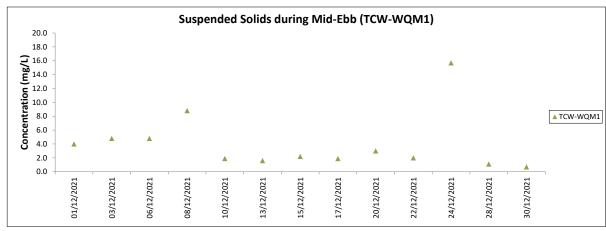


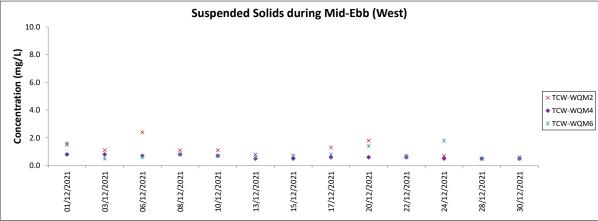
Note: The Action and Limit Level of turbidity can be referred to Table 4.3 of the monthly EM&A report.

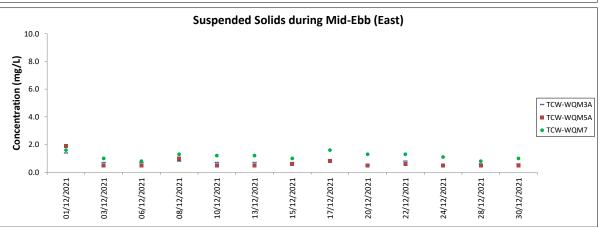
Major site activities carried out during the reporting period are summarized in Section 1.4 of the monthly EM&A report.

Weather conditions during monitoring are presented in the data tables below.

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 below.

QA/ QC requirements as stipulated in the EM&A Manual were carried out during measurement.

Water Quality Monitoring Results on 01 December 2021 during Mid-Ebb Tide

Monitoring Station	Weather	Tidal Condition	Sampling	Replicate	Water Te	mperature °C)	р		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	Sunny	Rough	10:30	1st	19.2	19.0	7.7	7.7	31.66	31.58	48700	48550	81.2	81.0	6.2	6.2	13.4	12.9	3.9	4.0
TCVV-VVQIVIT	Suring	Kougii	10.30	2nd	18.9	19.0	7.7	] '.'	31.49	31.56	48400	46000	80.8	61.0	6.2	0.2	12.3	12.9	4.1	4.0
TCW-WQM2	Cuppy	NA	09:56	1st	18.1	18.1	6.4	6.3	0.02	0.02	51	- 51	73.2	71.3	6.9	6.8	1.8	1.7	1.6	1.5
TCVV-VVQIVIZ	Sunny	INA	09.56	2nd	18.1	10.1	6.3	0.3	0.02	0.02	50	51	69.4	71.3	6.6	0.0	1.6	1.7	1.3	1.5
TCW-WQM3A	Commen	NIA	00:40	1st	17.8	17.8	6.6	6.6	0.04	0.04	90	00	70.3	70.3	6.7	6.7	2.6	2.7	1.5	1.4
TCVV-VVQIVISA	Sunny	NA	09:19	2nd	17.8	17.8	6.6	0.0	0.04	0.04	90	90	70.2	70.3	6.7	6.7	2.8	2.7	1.2	1.4
TCW-WQM4	Commen	NA	00.44	1st	18.6	18.6	4.9	4.9	0.03	0.03	59		56.7	52.0	5.3	F 4	2.3	2.1	0.7	0.8
TCVV-VVQIVI4	Sunny	INA INA	08:14	2nd	18.6	18.6	5.0	4.9	0.03	0.03	59	- 59	51.0	53.9	4.8	5.1	1.9	2.1	0.8	0.8
TCW-WQM5A	Commun	NIA	00.47	1st	17.3	17.3	6.6	6.5	0.02	0.02	55		89.0	90.2	8.6	8.7	1.4	4.4	2.0	1.9
TCVV-VVQIVIDA	Sunny	NA	08:47	2nd	17.3	17.3	6.5	0.5	0.02	0.02	55	- 55	91.4	90.2	8.8	8.7	1.4	1.4	1.7	1.9
TCW-WQM6	Commun	NA	10:59	1st	18.9	18.9	6.7	6.7	0.04	0.04	78	78	63.4	61.9	5.9	5.8	2.8	2.8	1.5	1.6
TCVV-VVQIVIO	Sunny	INA INA	10:59	2nd	18.9	18.9	6.7	6.7	0.04	0.04	78	78	60.4	61.9	5.6	5.8	2.7	2.8	1.6	1.0
TCW-WQM7	Cunny	NA	11:17	1st	20.5	20.5	7.5	7.5	0.05	0.05	99	. 99	70.2	70.1	6.3	6.3	1.4	1.5	1.4	1.6
1 CVV-VVQIVI7	Sunny	INA	11.17	2nd	20.5	20.5	7.5	7.5	0.05	0.05	99	99	70.0	70.1	6.3	0.3	1.6	1.5	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 03 December 2021 during Mid-Ebb Tide

Monitoring Station	Weather	Tidal Condition	Sampling	Replicate	Water Te	mperature CC)		Н	Salinit	y (ppt)	Condu (µS	uctivity /cm)	DO Satu	ration (%)	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	12:08	1st	22.5	22.5	7.9	7.9	41.77	41.75	62100	62100	78.2	79.2	5.3	5.4	13.4	13.7	4.9	4.8
TCVV-VVQIVIT	Sunny	Rough	12.00	2nd	22.5	22.5	7.9	7.9	41.73	41.75	62100	62100	80.1	79.2	5.5	5.4	13.9	13.7	4.7	4.0
TOWNAMO	0	NIA	40.00	1st	16.6	40.0	6.4	0.4	0.02	0.00	51	54	55.4	FF 4	5.4	5.4	3.0	0.0	1.0	4.4
TCW-WQM2	Sunny	NA	10:02	2nd	16.6	16.6	6.4	6.4	0.02	0.02	51	51	55.4	55.4	5.4	5.4	2.7	2.9	1.1	1.1
TOW WOMON			22.22	1st	15.7	45.7	6.6	0.0	0.04	0.04	86		74.2	70.4	7.4	7.0	2.4	0.4	0.6	0.7
TCW-WQM3A	Sunny	NA	09:22	2nd	15.7	15.7	6.6	6.6	0.04	0.04	86	86	72.6	73.4	7.2	7.3	2.4	2.4	0.7	0.7
TOWNORM			00.44	1st	16.9	40.0	6.3	0.0	0.03	0.00	56	50	55.7	55.0	5.4	5.4	2.2		0.7	0.0
TCW-WQM4	Sunny	NA	08:11	2nd	16.8	16.9	6.2	6.2	0.03	0.03	56	56	55.5	55.6	5.4	5.4	2.1	2.2	0.8	0.8
TOW WOMEN	•		00.40	1st	15.2	45.0	6.8	0.0	0.02	0.00	54		78.5	70.7	7.9	7.0	1.6	4.7	<0.5	0.5
TCW-WQM5A	Sunny	NA	08:43	2nd	15.2	15.2	6.8	6.8	0.02	0.02	54	54	78.8	78.7	7.9	7.9	1.8	1.7	<0.5	<0.5
TOWNOMO	0	NIA	40.05	1st	17.2	47.0	6.4	0.4	0.03	0.00	69	00	54.6	540	5.3	5.0	1.8	4.0	0.5	0.5
TCW-WQM6	Sunny	NA	10:35	2nd	17.2	17.2	6.4	6.4	0.03	0.03	69	69	55.1	54.9	5.3	5.3	1.8	1.8	<0.5	0.5
TCW-WQM7	Cuppy	NIA	11:21	1st	19.5	10.5	7.4	7.4	0.06	0.06	135	135	73.7	72.0	6.8	6.7	1.6	4.0	1.0	1.0
1 CVV-VVQIVI7	Sunny	NA	11:31	2nd	19.5	19.5	7.4	7.4	0.06	0.06	134	135	71.9	72.8	6.6	6.7	1.9	1.8	0.9	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 06 December 2021 during Mid-Ebb Tide

Monitoring Station	Weather	Tidal Condition	Sampling	Replicate	Water Te	mperature C)		Н	Salinit	y (ppt)		uctivity /cm)	DO Satur	ration (%)	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	Rough	14:08	1st	23.2	23.2	7.7	7.7	34.54	34.73	52500	52750	96.4	95.7	6.8	6.7	14.1	14.1	5.0	4.8
TCVV-VVQIVIT	Sunny	Rough	14.00	2nd	23.2	23.2	7.7	7.7	34.91	34.73	53000	52750	95.0	95.7	6.6	0.7	14.0	14.1	4.5	4.0
TCW-WQM2	Common	NA	12:55	1st	19.2	19.3	6.6	6.6	0.02	0.02	47	40	71.9	71.6	6.6	6.6	2.8	2.7	2.5	2.4
TCVV-VVQIVIZ	Sunny	INA	12:55	2nd	19.3	19.3	6.5	0.0	0.02	0.02	48	48	71.2	/1.0	6.6	0.0	2.5	2.1	2.2	2.4
TOWN INCOMES	0	NIA	40.00	1st	18.4	40.4	6.9	0.0	0.04	0.04	90	00	75.7	78.0	7.1	7.0	2.9	0.0	0.7	0.7
TCW-WQM3A	Sunny	NA	12:33	2nd	18.4	18.4	6.6	6.8	0.04	0.04	90	90	80.2	78.0	7.5	7.3	2.8	2.9	0.7	0.7
TOWNORM	0	NA	44.00	1st	17.5	17.5	6.3	6.3	0.03	0.03	58	50	65.4	00.4	6.3	0.4	2.4	2.4	0.7	- 0.7
TCW-WQM4	Sunny	INA	11:33	2nd	17.5	17.5	6.2	0.3	0.03	0.03	57	58	60.7	63.1	5.8	6.1	2.3	2.4	0.6	0.7
TOWN MONATA	Common	NA	12:01	1st	18.4	40.4	7.0	7.0	0.02	0.00	53	F2	93.9	04.2	8.8	0.0	1.2	4.0	<0.5	- <0.5
TCW-WQM5A	Sunny	INA	12:01	2nd	18.5	18.4	7.0	7.0	0.02	0.02	53	53	94.7	94.3	8.9	8.9	1.1	1.2	<0.5	<0.5
TCW-WQM6	Sunny	NA	13:22	1st	18.8	18.8	6.3	6.3	0.04	0.04	79	79	72.4	72.0	6.7	6.7	2.2	2.4	0.6	0.6
1CVV-VVQIVIO	Suriny	INA	13.22	2nd	18.8	10.0	6.3	0.3	0.04	0.04	79	79	71.6	72.0	6.7	6.7	2.6	2.4	0.5	0.6
TCW-WQM7	Suppy	NA	12:26	1st	22.8	22.8	7.5	7.5	0.11	0.11	240	240	80.6	78.9	6.9	6.0	2.4	2.5	0.8	- 0.8
1 CVV-VVQIVI7	Sunny	INA	13:36	2nd	22.8	22.0	7.5	7.5	0.11	0.11	240	240	77.1	70.9	6.6	6.8	2.5	2.5	0.8	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 08 December 2021 during Mid-Ebb Tide

Monitoring Station	Weather	Tidal Condition	Sampling	Replicate	Water Te	mperature (C)	р		Salinit	y (ppt)	Cond (µS	uctivity /cm)	DO Satur	ation (%)	Dissolved (mg	d Oxygen g/L)	Turbidi	ty(NTU)		led Solids g/L)
g	Condition		Time		Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
TCW-WQM1	Sunny	Rough	15:31	1st	25.1	25.1	7.9	7.9	36.89	36.90	55600	- 55600	98.0	98.5	6.6	6.6	17.5	17.2	9.4	<u>8.8</u>
10W-WQWI	Suring	Rough	13.31	2nd	25.1	23.1	7.9	7.9	36.90	30.90	55600	33000	98.9	90.5	6.6	0.0	16.9	17.2	8.2	0.0
TCW-WQM2	Sunny	NA	13:48	1st	21.4	21.4	6.5	6.5	0.02	0.02	48	48	56.6	60.3	5.0	5.4	1.5	1.6	1.0	1.1
TOW-WQIVIZ	Suring	NA	13.46	2nd	21.4	21.4	6.5	0.5	0.02	0.02	48	40	63.9	60.3	5.7	5.4	1.7	1.0	1.2	1.1
TCW-WQM3A	Cuppy	NA	13:15	1st	20.1	20.1	6.7	6.7	0.04	0.04	88	89	70.7	70.9	6.4	6.5	2.6	2.7	1.0	0.8
TCVV-VVQIVISA	Sunny	INA	13.15	2nd	20.1	20.1	6.8	6.7	0.04	0.04	89	09	71.1	70.9	6.5	0.5	2.8	2.1	0.6	0.6
TCW-WQM4	Sunny	NA	12:27	1st	18.6	18.6	6.3	6.3	0.03	0.03	57	- 57	60.4	58.0	5.7	5.5	2.3	2.2	0.8	0.8
TCVV-VVQIVI4	Suring	INA	12.21	2nd	18.6	10.0	6.3	6.3	0.03	0.03	56	57	55.5	56.0	5.2	5.5	2.0	2.2	0.7	0.0
TCW-WQM5A	Sunny	NA	12:58	1st	20.2	20.2	7.0	7.0	0.02	0.02	54	- 54	86.1	85.6	7.8	7.8	2.1	2.2	0.7	1.0
TCVV-VVQIVISA	Suring	INA	12.50	2nd	20.2	20.2	7.0	7.0	0.02	0.02	54	54	85.1	05.0	7.7	7.0	2.2	2.2	1.2	1.0
TCW-WQM6	Sunny	NA	14:12	1st	20.7	20.7	6.3	6.3	0.05	0.05	106	106	59.4	59.2	5.3	5.3	1.6	1.6	0.9	0.8
1 CVV-VVQIVIO	Suring	INA	14.12	2nd	20.8	20.7	6.3	0.3	0.05	0.05	106	100	59.0	59.2	5.3	5.5	1.5	1.0	0.7	0.6
TCW-WQM7	Sunny	NA	14:26	1st	24.2	24.2	7.6	7.6	0.17	0.17	350	350	68.3	68.4	5.7	5.7	1.9	2.0	1.3	1.3
1000-000007	Suriny	INA	14.20	2nd	24.2	24.2	7.6	7.0	0.17	0.17	350	350	68.5	00.4	5.7	5.7	2.0	2.0	1.2	1.3

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

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

Water Quality Monitoring Results on 10 December 2021 during Mid-Ebb Tide

Monitoring Station	Weather	Tidal Condition	Sampling	Replicate	Water Te	mperature (C)	р		Salinit	y (ppt)	Cond (µS	uctivity /cm)	DO Satur	ation (%)	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	Sunny	Rough	08:37	1st	22.3	22.3	7.8	7.7	43.67	43.56	64600	64450	48.2	48.7	3.3	3.3	6.4	6.2	2.2	1.9
1 CVV-VV QIVI 1	Suring	Kougii	00.37	2nd	22.3	22.3	7.7	] '.' [	43.45	43.50	64300	04450	49.2	40.7	3.3	3.3	6.0	0.2	1.6	1.9
TCW-WQM2	Sunny	NA	10:24	1st	19.0	19.0	6.4	6.4	0.02	0.02	50	- 50	70.1	68.6	6.5	6.4	2.0	2.1	1.2	1.1
TCVV-VVQIVIZ	Suriny	INA	10.24	2nd	19.0	19.0	6.4	0.4	0.02	0.02	50	50	67.1	00.0	6.2	0.4	2.2	2.1	1.0	1.1
TOW WOMAN	Common	NA	10:44	1st	19.4	19.4	6.6	6.7	0.04	0.04	90	91	62.7	65.4	5.8	6.1	1.8	1.9	0.6	0.7
TCW-WQM3A	Sunny	INA	10:44	2nd	19.5	19.4	6.8	6.7	0.04	0.04	92	91	68.1	65.4	6.3	0.1	1.9	1.9	0.7	0.7
TCVA VACANA	Common	NA	44.20	1st	19.4	19.4	6.4	6.4	0.03	0.03	59	50	58.3	57.8	5.4	F 4	2.5	2.5	0.8	0.7
TCW-WQM4	Sunny	INA	11:38	2nd	19.4	19.4	6.4	0.4	0.03	0.03	58	- 59	57.3	57.8	5.3	5.4	2.5	2.5	0.6	0.7
TOWN MODATA	Cummu	NIA	12.02	1st	20.5	20.5	7.1	7.1	0.02	0.02	53	50	91.5	00.7	8.2	8.2	2.3	2.3	<0.5	.0.5
TCW-WQM5A	Sunny	NA	12:03	2nd	20.5	20.5	7.1	7.1	0.02	0.02	53	- 53	89.9	90.7	8.1	8.2	2.2	2.3	<0.5	<0.5
TOW WOME	0	NIA	00:40	1st	19.2	40.0	6.6	0.0	0.04	0.04	78	78	56.8	50.0	5.3	5.0	1.6	4.0	0.6	0.7
TCW-WQM6	Sunny	NA	09:10	2nd	19.2	19.2	6.6	6.6	0.04	0.04	78	/8	55.6	56.2	5.1	5.2	1.9	1.8	0.7	0.7
TO 14/ 14/ 04/ 7	Commission	NIA	00:24	1st	19.1	10.1	7.2	7.0	0.13	0.42	266	200	75.7	74.0	7.0		3.4	2.2	1.4	4.0
TCW-WQM7	Sunny	NA	09:31	2nd	19.1	19.1	7.3	7.2	0.13	0.13	265	- 266	73.8	74.8	6.8	6.9	3.2	3.3	0.9	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 13 December 2021 during Mid-Ebb Tide

Monitoring Station	Weather	Tidal Condition	Sampling	Replicate	Water Te	mperature C)	р		Salinit	y (ppt)		uctivity /cm)	DO Satur	ration (%)	Dissolved (mg	l Oxygen I/L)	Turbidi	ty(NTU)		led Solids g/L)
mermering craneri	Condition		Time	r topiloato	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
TCW-WQM1	Sunny	Rough	09:03	1st	23.0	23.0	7.6	7.6	40.21	40.22	60000	60050	70.2	69.7	4.8	4.8	4.4	4.5	1.4	1.6
TCVV-VVQIVIT	Suring	Kougii	09.03	2nd	23.0	23.0	7.6	7.0	40.23	40.22	60100	00030	69.2	09.7	4.7	4.0	4.5	4.5	1.8	1.0
TCW-WQM2	Sunny	NA	10:21	1st	19.6	19.6	6.7	6.6	0.03	0.03	69	- 69	59.3	58.6	5.4	5.4	1.4	1.4	0.7	0.8
TCVV-VVQIVIZ	Suriny	INA	10.21	2nd	19.6	19.6	6.6	0.0	0.03	0.03	69	- 69	57.9	30.0	5.3	5.4	1.4	1.4	0.9	0.6
TCW-WQM3A	Sunny	NA	10:45	1st	19.5	19.5	6.8	6.8	0.05	0.05	99	99	68.8	70.1	6.3	6.5	1.2	1.3	0.6	0.7
TCVV-VVQIVISA	Suriny	INA	10.45	2nd	19.5	19.5	6.8	0.0	0.05	0.05	98	99	71.4	70.1	6.6	0.5	1.3	1.3	0.8	0.7
TCW-WQM4	Sunny	NA	11:23	1st	19.2	19.2	6.2	6.2	0.02	0.02	56	- 56	54.7	53.0	5.1	4.9	1.9	1.8	<0.5	- <0.5
1 CVV-VVQIVI4	Suriny	INA	11.23	2nd	19.2	19.2	6.2	0.2	0.02	0.02	55	50	51.2	55.0	4.7	4.9	1.7	1.0	<0.5	<0.5
TCW-WQM5A	Common	NA	12:05	1st	20.3	20.3	7.2	7.2	0.02	0.02	54	- 54	84.0	85.2	7.6	7.7	1.7	1.7	<0.5	- <0.5
TCVV-VVQIVIDA	Sunny	INA	12:05	2nd	20.4	20.3	7.2	1.2	0.02	0.02	54	54	86.3	85.2	7.8	7.7	1.7	1.7	<0.5	<0.5
TCW-WQM6	Common	NA	08:42	1st	19.5	19.5	6.4	6.4	0.03	0.03	68	- 68	68.6	69.3	6.3	6.4	2.2	2.3	0.5	- 0.6
1CVV-VVQIVIO	Sunny	INA	00.42	2nd	19.5	19.5	6.5	0.4	0.03	0.03	68	- 00	70.0	69.5	6.4	0.4	2.3	2.3	0.6	0.6
TCW-WQM7	Sunny	NA	09:50	1st	19.6	19.6	8.4	8.4	0.06	0.06	137	137	66.3	66.7	6.1	6.1	1.4	1.4	1.0	1.2
1 CVV-VVQIVI7	Suring	INA	09.50	2nd	19.6	19.0	8.4	0.4	0.06	0.00	136	131	67.0	00.7	6.1	0.1	1.3	1.4	1.3	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 15 December 2021 during Mid-Ebb Tide

Monitoring Station	Weather	Tidal Condition	Sampling	Replicate		mperature C)	р	Н	Salinit	y (ppt)	Condo (µS	uctivity /cm)	DO Satu	ration (%)	Dissolved (mg		Turbidi	ty(NTU)	Suspend (mg	led Solids g/L)
3	Condition		Time	,	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
TCW-WQM1	Sunny	Rough	10:05	1st	23.7	23.7	8.0	8.0	40.22	40.24	60000	60050	75.0	74.4	5.0	5.0	15.0	14.9	2.2	2.2
1CW-WQIVI1	Suring	Kougii	10.03	2nd	23.7	23.1	8.0	6.0	40.25	40.24	60100	60030	73.8	74.4	5.0	5.0	14.8	14.9	2.2	2.2
TCW-WQM2	Cloudy	NA	11:38	1st	20.9	20.9	6.4	6.4	0.02	0.02	50	- 51	54.9	56.2	4.9	5.0	1.8	2.0	0.8	0.7
TCW-WQIVIZ	Cloudy	INA	11.36	2nd	20.8	20.9	6.4	0.4	0.02	0.02	51	31	57.5	30.2	5.1	5.0	2.1	2.0	0.6	0.7
TCW-WQM3A	Cloudy	NA	12:02	1st	21.0	21.0	6.9	6.9	0.04	0.04	91	92	73.5	72.7	6.5	6.5	2.4	2.4	0.8	- 0.7
TCW-WQIVISA	Cloudy	INA	12.02	2nd	21.0	21.0	7.0	6.9	0.04	0.04	92	92	71.9	12.1	6.4	0.5	2.3	2.4	0.6	0.7
TCW-WQM4	Cloudy	NA	12:38	1st	20.4	20.4	6.3	6.3	0.03	0.03	58	- 58	49.3	49.0	4.5	4.5	1.5	1.5	0.5	0.5
10W-WQIVI4	Cloudy	INA	12.30	2nd	20.4	20.4	6.3	0.5	0.03	0.03	58	30	48.7	49.0	4.4	4.5	1.5	1.5	<0.5	0.5
TCW-WQM5A	Cloudy	NA	13:01	1st	21.1	21.1	7.0	7.0	0.02	0.02	56	- 56	86.3	86.2	7.7	7.7	1.7	1.7	0.6	- 0.6
TCW-WQINISA	Cloudy	INA	13.01	2nd	21.1	21.1	7.0	7.0	0.02	0.02	56	30	86.1	00.2	7.7	7.7	1.6	1.7	0.6	0.0
TCW-WQM6	Sunny	NA	10:31	1st	21.0	21.0	6.7	6.7	0.03	0.03	72	72	65.5	63.2	5.8	5.6	2.4	2.7	0.6	0.7
1CW-WQINO	Suring	INA	10.31	2nd	21.0	21.0	6.7	0.7	0.03	0.03	72	12	60.9	03.2	5.4	5.0	2.9	2.1	0.7	0.7
TCW-WQM7	Cloudy	NA	10:57	1st	23.1	23.1	9.1	9.1	0.05	0.05	106	106	75.5	75.0	6.5	6.5	1.1	1.2	0.9	1.0
1000-00 QIVI7	Cloudy	INA	10.57	2nd	23.1	20.1	9.1	3.1	0.05	0.03	106	100	74.5	73.0	6.4	0.5	1.3	1.2	1.1	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 17 December 2021 during Mid-Ebb Tide

Monitoring Station	Weather	Tidal Condition	Sampling	Replicate	Water Te	mperature °C)	р		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	Sunny	Rough	12:28	1st	23.8	23.8	7.0	7.0	27.49	27.73	42800	43100	97.0	98.4	7.0	7.1	7.4	7.2	1.9	1.9
1 CVV-VV QIVI 1	Suring	Kougii	12.20	2nd	23.8	23.6	7.0	7.0	27.96	21.13	43400	43100	99.7	90.4	7.2	7.1	7.0	7.2	1.9	1.9
TCW-WQM2	Sunny	NA	10:05	1st	21.3	21.3	6.3	6.3	0.02	0.02	52	- 52	58.5	59.8	5.2	5.3	1.2	1.4	1.4	1.3
TCVV-VVQIVIZ	Suriny	INA	10.05	2nd	21.3	21.3	6.3	0.3	0.02	0.02	52	52	61.1	59.6	5.4	5.5	1.5	1.4	1.2	1.3
TOW WOMAN	Common	NA	09:35	1st	21.4	21.4	6.9	6.9	0.04	0.04	91	91	67.1	66.5	5.9	5.9	2.7	2.7	0.9	0.9
TCW-WQM3A	Sunny	INA	09:35	2nd	21.4	21.4	6.9	6.9	0.04	0.04	91	91	65.9	00.5	5.8	5.9	2.7	2.1	0.8	0.9
TC\N\ \N\OM4	Common	NA	08:29	1st	20.6	20.6	6.2	6.2	0.03	0.03	59	- 59	58.5	56.8	5.3	5.2	1.8	1.7	0.6	0.6
TCW-WQM4	Sunny	INA	08:29	2nd	20.5	20.6	6.1	0.2	0.03	0.03	59	59	55.0	50.8	5.0	5.2	1.6	1.7	0.5	0.6
TOW WORKS	Common	NIA	00.00	1st	21.1	24.4	6.9	6.9	0.03	0.03	57	F.7	93.0	02.0	8.3	0.0	1.6	4.7	1.0	0.0
TCW-WQM5A	Sunny	NA	09:08	2nd	21.1	21.1	6.9	6.9	0.03	0.03	57	- 57	92.8	92.9	8.3	8.3	1.7	1.7	0.5	0.8
TOWN WOMAN	0	NIA	10.50	1st	21.7	04.7	6.5	0.5	0.03	0.00	69	00	63.7	00.4	5.6	5.0	1.1	4.0	0.6	0.0
TCW-WQM6	Sunny	NA	10:52	2nd	21.7	21.7	6.5	6.5	0.03	0.03	69	69	63.1	63.4	5.6	5.6	1.2	1.2	0.9	0.8
TOM MONT	Cuppy	NIA	11.04	1st	23.7	22.0	9.4	9.4	0.05	0.05	104	104	73.7	73.7	6.2	6.0	1.0	4.4	1.6	1.6
TCW-WQM7	Sunny	NA	11:24	2nd	23.8	23.8	9.4	9.4	0.05	0.05	104	104	73.7	13.1	6.2	6.2	1.2	1.1	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 20 December 2021 during Mid-Ebb Tide

Monitoring Station	Weather	Tidal Condition	Sampling	Replicate	Water Te	mperature CC)	р		Salinit	y (ppt)	Condu (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	Rough	13:31	1st	21.7	21.7	8.0	8.0	41.12	41.12	61300	61300	58.5	59.1	4.1	4.1	7.2	7.4	2.8	3.0
TCVV-VVQIVIT	Cloudy	Kougii	13.31	2nd	21.7	21.7	8.0	6.0	41.11	41.12	61300	01300	59.7	39.1	4.1	4.1	7.5	7.4	3.2	3.0
TCW-WQM2	Cloudy	NA	11:44	1st	18.9	18.9	6.6	6.6	0.02	0.02	53	- 53	60.0	61.2	5.6	5.7	1.8	1.8	1.3	1.8
TCVV-VVQIVI2	Cloudy	INA	11.44	2nd	18.9	10.9	6.6	0.0	0.02	0.02	53	55	62.4	01.2	5.8	5.7	1.8	1.0	2.2	1.0
TCW-WQM3A	Clavidy	NA	11:26	1st	18.8	18.8	7.0	7.0	0.05	0.05	99	99	74.9	73.8	7.0	6.9	2.0	1.9	<0.5	<0.5
TCVV-VVQIVI3A	Cloudy	INA INA	11:26	2nd	18.8	18.8	7.0	7.0	0.05	0.05	98	99	72.7	73.8	6.8	6.9	1.8	1.9	<0.5	<0.5
TCW-WQM4	Cloudy	NA	10:41	1st	18.8	18.8	6.5	6.4	0.03	0.03	71	71	56.5	55.9	5.3	5.3	2.7	2.7	0.5	0.6
TCVV-VVQIVI4	Cloudy	INA	10.41	2nd	18.8	10.0	6.4	0.4	0.03	0.03	70	''	55.3	55.9	5.2	5.5	2.7	2.1	0.6	0.6
TCW-WQM5A	Cloudy	NA	11:12	1st	18.7	18.7	7.1	7.0	0.03	0.03	59	59	91.0	91.2	8.5	8.5	2.9	2.9	<0.5	<0.5
TCVV-VVQIVIDA	Cloudy	INA INA	11:12	2nd	18.7	18.7	7.0	7.0	0.03	0.03	58	59	91.4	91.2	8.5	8.5	2.9	2.9	<0.5	<0.5
TCW-WQM6	Clavidy	NA	12:08	1st	19.2	19.2	6.5	6.5	0.04	0.04	78	78	63.6	63.5	5.9	5.9	2.9	2.9	1.5	1.4
TCVV-VVQIVIO	Cloudy	INA INA	12:08	2nd	19.3	19.2	6.5	6.5	0.04	0.04	78	/8	63.4	03.5	5.9	5.9	2.9	2.9	1.2	1.4
TCW-WQM7	Cloudy	NA	12:23	1st	19.3	19.3	8.4	8.5	0.11	0.11	228	228	66.0	66.4	6.1	6.2	1.8	1.8	1.3	1.3
1 CVV-VVQIVI7	Cloudy	INA	12.23	2nd	19.4	19.3	8.5	0.5	0.11	0.11	228	220	66.8	00.4	6.2	0.2	1.8	1.0	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 22 December 2021 during Mid-Ebb Tide

Monitoring Station	Weather	Tidal Condition	Sampling	Replicate	Water Te	mperature	р		Salinit	y (ppt)		uctivity /cm)	DO Satur	ation (%)	Dissolved (mg	l Oxygen /L)	Turbidi	ty(NTU)		ded Solids g/L)
mormorming Graneri	Condition	Tradit Corrainer	Time	rtopiioato	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
TCW-WQM1	Common	Davish	44.24	1st	22.9	22.9	8.7	8.7	14.08	14.08	23300	23300	96.7	97.7	7.7	7.8	10.4	10.3	1.7	2.0
TCVV-VVQIVIT	Sunny	Rough	14:34	2nd	22.9	22.9	8.7	8.7	14.07	14.08	23300	23300	98.7	97.7	7.8	7.8	10.1	10.3	2.3	2.0
TOWN MONTO	0	NIA.	40:40	1st	19.8	40.0	6.4	0.4	0.03	0.00	56	50	63.3	61.7	5.8	5.7	1.8	4.7	0.7	0.7
TCW-WQM2	Sunny	NA	12:12	2nd	19.8	19.8	6.4	6.4	0.03	0.03	56	56	60.0	61.7	5.5	5.7	1.6	1.7	0.7	0.7
TOWN INCOMES	Oleventer	NIA.	44.45	1st	19.3	40.4	6.9	0.0	0.05	0.05	106	400	71.9	00.7	6.6	0.0	1.9	4.0	0.5	0.0
TCW-WQM3A	Cloudy	NA	11:15	2nd	19.5	19.4	6.9	6.9	0.05	0.05	105	106	65.5	68.7	6.0	6.3	1.9	1.9	1.0	0.8
TOWNORM	Oleventer	NA	10.00	1st	18.6	18.6	6.3	6.3	0.03	0.03	70	00	62.8	62.2	5.9	5.0	2.5	2.5	0.6	0.0
TCW-WQM4	Cloudy	NA NA	10:23	2nd	18.7	18.6	6.3	6.3	0.03	0.03	68	69	61.6	62.2	5.8	5.9	2.4	2.5	0.6	0.6
TOWNSAFA	Oleventer	NIA	40.54	1st	19.0	40.0	6.9	0.0	0.03	0.00	61	00	93.5	00.4	8.7	0.7	1.8	4.0	0.6	0.0
TCW-WQM5A	Cloudy	NA	10:51	2nd	19.0	19.0	6.9	6.9	0.03	0.03	62	62	93.2	93.4	8.6	8.7	1.9	1.9	0.6	0.6
TOWWOM	0	NIA.	40.00	1st	20.1	20.1	6.5	0.5	0.04	0.04	77	77	55.9	56.2	5.1	5.4	1.7	4.0	0.6	0.0
TCW-WQM6	Sunny	NA	13:00	2nd	20.1	20.1	6.5	6.5	0.04	0.04	77	11	56.4	56.2	5.1	5.1	1.8	1.8	0.5	0.6
TCW-WQM7	Cuppi	NA	13:18	1st	23.1	23.1	9.0	9.0	0.07	0.07	155	155	66.4	66.6	5.7	5.7	1.9	1.9	1.2	1.2
1 CVV-VVQIVI7	Sunny	INA	13:18	2nd	23.1	23.1	9.1	9.0	0.07	0.07	155	100	66.7	00.0	5.7	5.7	1.9	1.9	1.4	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 24 December 2021 during Mid-Ebb Tide

Monitoring Station	Weather	Tidal Condition	Sampling	Replicate	Water Te	mperature CC)	р		Salinit	y (ppt)		uctivity /cm)	DO Satur	ation (%)	Dissolved (mg		Turbidi	ty(NTU)		led Solids g/L)
g Gtation	Condition		Time	ropiloato	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
TCM/ M/ONA	Classels	Davish	45.20	1st	23.5	23.5	8.4	0.4	42.51	42.50	63100	63050	96.6	96.9	6.4	0.5	20.6	20.5	15.5	45.7
TCW-WQM1	Cloudy	Rough	15:30	2nd	23.6	23.5	8.4	8.4	42.49	42.50	63000	63050	97.2	96.9	6.5	6.5	20.3	20.5	15.8	<u>15.7</u>
TOM/ M/OMO	Oleventer	NIA	40.07	1st	20.7	20.7	6.5	6.5	0.02	0.00	54	5.4	62.1	61.0	5.6		2.0	0.0	0.7	0.7
TCW-WQM2	Cloudy	NA	13:37	2nd	20.7	20.7	6.4	6.5	0.02	0.02	54	54	59.8	61.0	5.4	5.5	1.9	2.0	0.6	0.7
TOWNSIA	01 1		10.11	1st	20.8	00.0	6.7	0.7	0.05	0.05	101	404	80.2	70.0	7.2	7.0	1.4	4.0	<0.5	0.5
TCW-WQM3A	Cloudy	NA	13:14	2nd	20.8	20.8	6.7	6.7	0.05	0.05	101	101	79.3	79.8	7.1	7.2	1.7	1.6	<0.5	<0.5
TOW WOLA	01 1		10.01	1st	19.8	40.0	6.4		0.04	0.04	80	00	55.1	57.0	5.0	5.0	1.6	4.0	<0.5	0.5
TCW-WQM4	Cloudy	NA	12:34	2nd	19.8	19.8	6.4	6.4	0.04	0.04	80	- 80	59.3	57.2	5.4	5.2	1.5	1.6	<0.5	<0.5
TOWNSA	Oleventer	NIA	10.50	1st	20.5	00.5	7.0	7.0	0.03	0.00	60	00	86.1	00.0	7.8	0.0	2.3	0.0	<0.5	٥۶
TCW-WQM5A	Cloudy	NA	12:52	2nd	20.5	20.5	7.0	7.0	0.03	0.03	59	60	89.8	88.0	8.1	8.0	2.1	2.2	<0.5	<0.5
TOW WOMO	Oleventer	NIA	4444	1st	21.0	04.0	6.5	0.5	0.04	0.04	80	00	83.0	00.7	7.4	7.4	2.2	0.4	1.8	4.0
TCW-WQM6	Cloudy	NA	14:11	2nd	21.0	21.0	6.5	6.5	0.04	0.04	80	- 80	82.4	82.7	7.4	7.4	2.0	2.1	1.7	1.8
TOW WO 17	Clavida	NIA	44.45	1st	23.4	22.4	9.3	0.2	0.07	0.07	147	4.47	76.9	70.0	6.6	0.7	1.4	4.6	1.0	1.4
TCW-WQM7	Cloudy	NA	14:45	2nd	23.4	23.4	9.3	9.3	0.07	0.07	147	147	79.1	78.0	6.7	6.7	1.7	1.6	1.1	1.1

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

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

Water Quality Monitoring Results on 28 December 2021 during Mid-Ebb Tide

Monitoring Station	Weather	Tidal Condition	Sampling	Replicate	Water Te	mperature °C)	р		Salinit	y (ppt)		uctivity /cm)	DO Satur	ration (%)	Dissolved (mg	d Oxygen g/L)	Turbidi	ty(NTU)		ded Solids g/L)
morning cianon	Condition	Tradi Corrainon	Time	rtopiloato	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
TCW-WQM1	Cloudy	Bough	09:07	1st	19.0	19.0	7.6	7.6	39.33	39.33	59100	59100	38.6	38.0	2.8	2.8	10.2	10.1	1.1	1.1
TCVV-VVQIVIT	Cloudy	Rough	09.07	2nd	19.0	19.0	7.6	7.0	39.33	39.33	59100	59100	37.3	30.0	2.7	2.0	9.9	10.1	1.1	1 1.1
TOW MONEY	Clavidy	NIA	40.20	1st	16.7	40.7	6.9	6.9	0.02	0.02	56	50	57.9	F7.0	5.6	F.0	1.4	4.4	0.5	0.5
TCW-WQM2	Cloudy	NA	10:38	2nd	16.7	16.7	6.9	6.9	0.02	0.02	56	- 56	57.7	57.8	5.6	5.6	1.3	1.4	0.5	0.5
TOWN MONAGA	Clavidy	NA	44.00	1st	16.7	16.7	7.0	7.0	0.04	0.04	97	97	71.2	71.6	6.9	7.0	1.8	1.7	0.6	0.6
TCW-WQM3A	Cloudy	INA INA	11:09	2nd	16.7	10.7	7.0	7.0	0.04	0.04	97	97	71.9	/1.0	7.0	7.0	1.6	1.7	0.6	0.6
TCW-WQM4	Cloudy	NA	11:52	1st	16.7	16.7	6.3	6.3	0.03	0.03	65	- 65	47.5	47.6	4.6	4.6	1.5	1.6	<0.5	<0.5
TCVV-VVQIVI4	Cloudy	INA INA	11:52	2nd	16.7	10.7	6.3	6.3	0.03	0.03	65	65	47.6	47.0	4.6	4.0	1.6	1.0	<0.5	<0.5
TOW MOMEN	Oleverte	NIA	40.00	1st	17.1	47.4	7.0	7.0	0.03	0.03	57		84.4	04.7	8.1	0.0	1.2	1.2	<0.5	0.5
TCW-WQM5A	Cloudy	NA	12:33	2nd	17.1	17.1	7.0	7.0	0.03	0.03	57	- 57	85.0	84.7	8.2	8.2	1.2	1.2	<0.5	<0.5
TOWNOMO	Olevertee	NIA.	00.54	1st	17.1	47.4	6.7	0.7	0.03	0.03	77	77	66.0	00.0	6.4	0.4	1.3	4.0	<0.5	0.5
TCW-WQM6	Cloudy	NA	09:51	2nd	17.1	17.1	6.7	6.7	0.03	0.03	77	1 "	66.3	66.2	6.4	6.4	1.2	1.3	<0.5	<0.5
TC\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	Cloudy	NIA	10:16	1st	17.0	17.0	8.4	8.4	0.05	0.05	117	117	76.2	74.3	7.4	7.2	1.2	1.3	0.8	0.9
TCW-WQM7	Cloudy	NA	10:16	2nd	17.0	17.0	8.4	ŏ.4	0.05	0.05	117	111/	72.4	14.3	7.0	1.2	1.3	1.3	0.8	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 30 December 2021 during Mid-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	10:15	1st	22.0	22.0	8.7	- 8.7 -	29.75	29.74	46000	46000	52.2	52.3	3.8	3.8	1.2	1.3	0.5	0.7
				2nd	22.1		8.7		29.73	29.74	46000		52.3		3.8	3.0	1.3	1.3	0.9	0.7
TCW-WQM2	Sunny	NA	11:29	1st	19.9	- 19.9	6.1	6.1	0.02	0.02	40	44	71.0	70.8	6.5	- 6.5	1.7	1.7	0.6	0.6
				2nd	19.9		6.1		0.02	0.02	41	41	70.5		6.4		1.7	1.7	0.6	
TCW-WQM3A	Sunny	NA	11:48	1st	20.0	20.0	7.0	7.0	0.04	0.04	78	- 78	85.9	86.0	7.8	- 7.8	2.1	2.1	0.5	0.6
				2nd	20.0		7.0		0.04	0.04	78		86.0		7.8		2.1	2.1	0.6	0.6
TCW-WQM4	Sunny	NA	12:16	1st	18.8	18.8	6.5	6.5	0.02	0.02	47	47	73.0	72.9 —	6.8	- 6.8	2.3	2.5	<0.5	.0.5
				2nd	18.8		6.5		0.02	0.02	46		72.8		6.8		2.6	2.5	<0.5	<0.5
TCW-WQM5A	Sunny	NA	12:36	1st	20.3	20.3	7.4	- 7.4	0.02	0.02	39	39	128.7	128.7	11.6	11.6	1.4	4.4	<0.5	<0.5
				2nd	20.4		7.4		0.02		38	39	128.7	128.7	11.6		1.4	1.4	<0.5	
TCW-WQM6	Sunny	NA	10:42	1st	19.5	19.5	7.5	- 7.5 ·	0.02	0.02	50	- 50	91.6	92.1	8.4	- 8.5	1.8	1.8	<0.5	<0.5
				2nd	19.5		7.4		0.02	0.02	50		92.5		8.5		1.8		<0.5	
TCW-WQM7	Sunny	NA	11:09	1st	21.7	21.7	9.0	9.0	0.03	0.03	75	75	149.0	148.9	13.1	- 13.1	1.8	- 1.8	1.0	1.0
				2nd	21.7		9.0		0.03	0.03	75	/5	148.7		13.1		1.7		1.0	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.