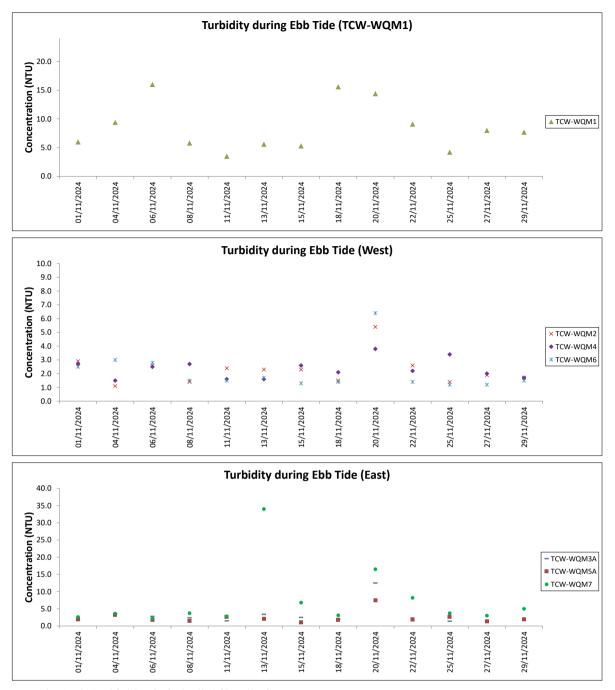
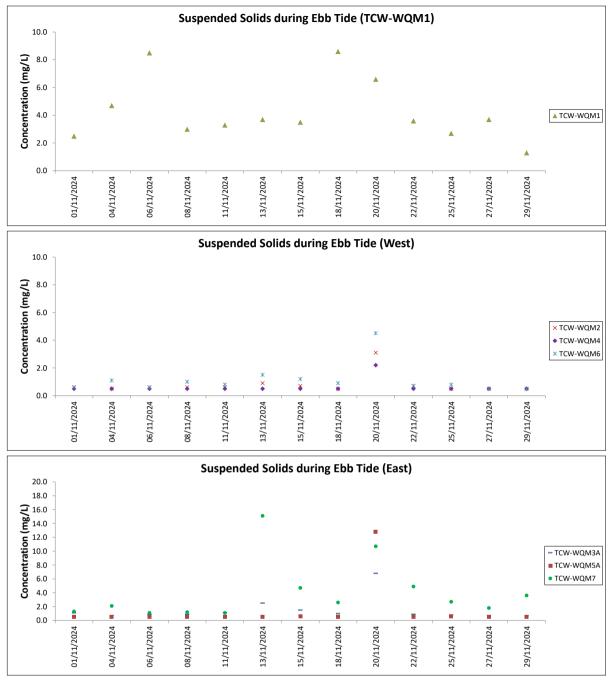


The Action and Limit Level of dissolved oxygen can be referred to Table 4.3 of the monthly EM&A report. Major site activities carried out during the reporting period are summarized in Section 1.4 of the monthly EM&A report. Weather conditions during monitoring are presented in the data tables above. 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. Note: 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.



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. Note:

Water Quality Monitoring

Water Quality Monitoring Results on 01 November 2024 during Ebb Tide

Monitoring Station	Weather	Tidal Condition	Sampling	Replicate	Water Ter (°	-	p	эΗ	Salinit	y (ppt)		uctivity 5/cm)	DO Satu	ration (%)	Dissolved (mç		Turbidi	ty(NTU)		led Solids g/L)
monitoring otation	Condition		Time	ropiloato	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
TCW-WQM1	Sunny	Rough	11:32	1st	24.8	24.9	8.3	- 8.3	23.90	23.69	37700	37400	67.2	67.6	4.9	4.9	6.1	6.0	2.3	2.5
	Sunny	Rough	11.32	2nd	24.9	24.9	8.3	0.5	23.47	23.09	37100	37400	67.9	07.0	4.9	4.9	5.9	0.0	2.6	2.5
TCW-WQM2	Sunny	NA	10:15	1st	23.5	23.4	6.6	6.6	0.02	0.02	43	43	61.4	63.3	5.2	5.4	2.8	2.9	0.6	0.6
	Sunny	NA	10.15	2nd	23.4	23.4	6.6	0.0	0.02	0.02	43	43	65.2	03.3	5.6	5.4	2.9	2.9	0.6	0.6
TCW-WQM3A	Sunny	NA	09:42	1st	23.2	23.2	7.6	7.6	0.04	0.04	77	77	79.9	77.8	6.8	6.7	2.0	1.9	1.1	- 1.1
	Sunny	NA	09.42	2nd	23.3	23.2	7.5	7.0	0.04	0.04	77		75.7	11.0	6.5	0.7	1.7	1.9	1.1	1.1
TCW-WQM4	Sunny	NA	09:00	1st	23.8	23.8	6.6	6.6	0.02	0.02	50	- 50	41.2	41.1	3.5	3.5	2.6	2.7	<0.5	- <0.5
	Sunny	NA	09.00	2nd	23.8	23.0	6.6	0.0	0.02	0.02	50	- 50	40.9	41.1	3.5	3.5	2.7	2.7	<0.5	<0.5
TCW-WQM5A	Current	NA	09:20	1st	22.8	22.8	7.5	7.4	0.02	0.02	46	40	79.7	79.2	6.9	6.9	2.1	2.0	<0.5	.0.5
	Sunny	NA	09:20	2nd	22.8	22.8	7.4	7.4	0.02	0.02	46	46	78.7	19.2	6.8	0.9	1.9	2.0	<0.5	- <0.5
TCW-WQM6	Suppy	NA	10:58	1st	23.9	23.9	6.8	6.8	0.04	0.04	79	- 79	51.2	50.9	4.3	4.3	2.6	2.5	<0.5	- 0.6
	Sunny	NA	10.56	2nd	23.9	23.9	6.8	0.0	0.04	0.04	79	79	50.5	50.9	4.3	4.3	2.4	2.5	0.7	0.6
TCW-WQM7	Suppris	NA	10:40	1st	24.7	24.7	8.8	- 8.8	0.04	0.04	97	97	87.4	87.9	7.3	7.3	2.4	2.6	1.3	1.2
	Sunny	INA	10.40	2nd	24.7	24.1	8.8	0.0	0.04	0.04	96	97	88.3	01.9	7.3	1.5	2.7	2.0	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

Water Quality Monitoring Results on 04 November 2024 during Ebb Tide

Monitoring Station	Weather	Tidal Condition	Sampling	Replicate	Water Te	mperature °C)	р	Н	Salinit	y (ppt)		uctivity /cm)	DO Satu	ration (%)	Dissolved (mg		Turbidi	ty(NTU)		led Solids g/L)
Julie Indiana	Condition		Time	riophicato	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
TCW-WQM1	Cloudy	Dough	14:41	1st	27.2	27.2	8.0	8.0	15.24	15.28	25100	25150	77.9	78.5	5.7	5.8	9.4	9.4	4.6	4.7
	Cloudy	Rough	14.41	2nd	27.2	21.2	8.0	0.0	15.31	15.20	25200	25150	79.0	70.5	5.8	5.0	9.4	9.4	4.8	4.7
	Cumpu	NA	40.00	1st	24.4	24.4	6.5	0.5	0.02	0.02	42	40	66.0	05.0	5.5		1.1		<0.5	.0.5
TCW-WQM2	Sunny	NA	13:36	2nd	24.4	24.4	6.5	6.5	0.02	0.02	42	42	64.0	65.0	5.4	5.5	1.1	1.1	<0.5	- <0.5
TOWNOMON	Olavaha		40.07	1st	24.3	04.0	7.7	77	0.03	0.00	63		80.2	70.0	6.7	0.7	3.6		0.8	0.7
TCW-WQM3A	Cloudy	NA	13:07	2nd	24.3	24.3	7.7	7.7	0.03	0.03	63	63	79.6	79.9	6.7	6.7	3.6	3.6	0.6	- 0.7
TCW-WQM4	Olavaha	NA	12:19	1st	24.4	24.4	6.6	6.6	0.02	0.02	50	50	58.0	55.6	4.8	10	1.5	4.5	<0.5	
1 C VV - VV QIVI4	Cloudy	NA	12:19	2nd	24.4	24.4	6.6	0.0	0.02	0.02	50	50	53.2	55.6	4.4	4.6	1.4	1.5	<0.5	- <0.5
	Claudu	NIA	10:44	1st	24.2	24.0	7.5	7 5	0.02	0.02	45	45	82.0	04.0	6.9		3.5	2.2	<0.5	.0.5
TCW-WQM5A	Cloudy	NA	12:41	2nd	24.2	24.2	7.5	7.5	0.02	0.02	45	45	79.9	81.0	6.7	6.8	3.0	3.3	<0.5	- <0.5
TCW-WQM6	Sunny	NA	14:15	1st	24.6	24.6	7.3	7.2	0.03	0.03	67	67	56.8	56.9	4.7	4.7	3.2	3.0	1.2	- 1.1
	Sunny	NA	14.15	2nd	24.6	24.0	7.2	1.2	0.03	0.03	67	67	56.9	50.9	4.7	4.7	2.8	3.0	1.0	1.1
TCW-WQM7	Suppy	NA	14:00	1st	26.9	26.9	8.9	8.9	0.04	0.04	98	08	86.9	87.1	6.9	7.0	3.7	3.6	2.2	2.1
	Sunny	NA	14:00	2nd	27.0	20.9	8.9	ö.9	0.04	0.04	98	98	87.3	07.1	7.0	7.0	3.4	3.0	2.0	- 2.1

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

Water Quality Monitoring Results on 06 November 2024 during Ebb Tide

Monitoring Station	Weather	Tidal Condition	Sampling	Replicate	Water Ter (°	-	p	Н	Salinit	y (ppt)		uctivity 5/cm)	DO Satu	ration (%)	Dissolved (mg		Turbidi	ty(NTU)		led Solids g/L)
monitoring otation	Condition		Time	ropilouto	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
TCW-WQM1	Sunny	Bough	15:15	1st	28.1	28.2	7.7	7.7	26.28	26.40	41100	41250	94.8	93.7	6.4	6.3	16.1	- 16.0	8.2	9.5
	Sunny	Rough	15.15	2nd	28.2	20.2	7.7	1.1	26.52	20.40	41400	41250	92.5	93.7	6.2	0.3	15.8	16.0	8.7	<u>8.5</u>
TCW-WQM2	Current	NA	14:00	1st	24.2	24.2	7.3	7.3	0.02	0.02	46	40	72.1	73.1	6.0	6.1	2.6	2.6	0.6	0.6
	Sunny	NA	14:00	2nd	24.1	24.2	7.3	- 7.3	0.02	0.02	45	46	74.0	73.1	6.2	0.1	2.5	2.0	0.5	0.6
	Current	NA	40.00	1st	24.0	24.0	7.5	7.5	0.04	0.04	80	- 80	80.8	70.0	6.8	0.7	2.7	2.8	0.9	0.9
TCW-WQM3A	Sunny	NA	13:33	2nd	24.0	24.0	7.6	- 7.5	0.04	0.04	79	80	77.1	79.0	6.5	6.7	2.9	2.8	0.8	0.9
	Current	NA	40.00	1st	23.8	23.8	6.9		0.02	0.02	53	50	57.3	55.0	4.8	4.7	2.4	2.5	<0.5	- <0.5
TCW-WQM4	Sunny	NA	12:39	2nd	23.8	23.8	6.9	- 6.9	0.02	0.02	53	- 53	54.5	55.9	4.6	4.7	2.5	2.5	<0.5	<0.5
TCW-WQM5A	Current	NA	40.00	1st	23.8	23.8	7.6	7.0	0.02	0.02	47	47	82.2	82.0	6.9	7.0	1.9	4.0	<0.5	.0.5
	Sunny	NA	13:08	2nd	23.8	23.8	7.6	- 7.6	0.02	0.02	47	47	81.8	82.0	7.0	7.0	1.7	- 1.8	<0.5	- <0.5
	Current	NA	44.50	1st	24.1	24.1	7.2	7.2	0.03	0.03	74	74	54.1	55.0	4.5	4.6	2.7	2.8	0.6	0.0
TCW-WQM6	Sunny	NA	14:50	2nd	24.1	24.1	7.2	1.2	0.03	0.03	74	- 74	56.4	55.3	4.7	4.6	2.9	2.8	0.6	- 0.6
	Current	NA	4.4.24	1st	26.3	26.2	9.7	0.7	0.06	0.00	135	405	83.5	04.7	6.7		2.1		1.2	
TCW-WQM7	Sunny	NA	14:31	2nd	26.4	26.3	9.7	9.7	0.06	0.06	134	135	79.8	81.7	6.4	6.6	2.3	- 2.2	1.0	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

Water Quality Monitoring Results on 08 November 2024 during Ebb Tide

Monitoring Station	Weather	Tidal Condition	Sampling	Replicate	Water Ter (°	mperature C)	p	н	Salinit	y (ppt)		uctivity 5/cm)	DO Satu	ration (%)	Dissolved (mç		Turbidi	ty(NTU)		led Solids g/L)
	Condition		Time	ropilouo	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
TCW-WQM1	Suppy	Bough	08:49	1st	25.1	25.1	7.6	7.6	30.12	30.26	46500	46650	53.4	51.2	3.7	3.6	5.7	5.8	2.7	- 3.0
	Sunny	Rough	00.49	2nd	25.2	25.1	7.6	7.0	30.39	30.20	46800	40030	49.0	51.2	3.4	3.0	5.9	5.0	3.3	3.0
TCW-WQM2	Current	NA	09:47	1st	20.8	20.8	7.0	7.0	0.02	0.02	46	40	68.2	69.0	6.1	6.2	1.4	1.4	0.5	- 0.6
	Sunny	NA	09:47	2nd	20.8	20.8	7.0	7.0	0.02	0.02	46	46	69.8	69.0	6.3	0.2	1.4	1.4	0.6	0.6
	0		10.10	1st	20.8	20.7	7.4	7.4	0.04	0.04	81	00	81.6	04.5	7.3	7.0	2.3	0.1	0.9	
TCW-WQM3A	Sunny	NA	10:10	2nd	20.7	20.7	7.4	- 7.4	0.04	0.04	79	- 80	81.4	81.5	7.3	7.3	2.5	2.4	0.8	0.9
TOWNOMA	0		10.10	1st	22.0	00.0	6.8		0.02	0.00	54	54	43.8	11.0	3.8		2.8	0.7	<0.5	
TCW-WQM4	Sunny	NA	10:49	2nd	22.0	22.0	6.8	- 6.8	0.02	0.02	54	- 54	44.2	44.0	3.9	3.9	2.5	2.7	<0.5	- <0.5
	0		11.10	1st	21.7	01.7	6.5	0.5	0.02	0.00	46	10	79.4	77.4	7.0		1.3	4.5	<0.5	
TCW-WQM5A	Sunny	NA	11:18	2nd	21.7	21.7	6.6	- 6.5	0.02	0.02	46	46	75.3	77.4	6.6	6.8	1.6	- 1.5	<0.5	- <0.5
TCW-WQM6	0		00.07	1st	21.1	21.1	6.8		0.04	0.04	94		63.7	00.5	5.7	5 7	1.5	4.5	0.8	
	Sunny	NA	09:27	2nd	21.1	21.1	6.8	- 6.8	0.04	0.04	93	94	63.3	- 63.5	5.6	5.7	1.4	- 1.5	1.1	- 1.0
	0		00.40	1st	19.8	10.0	9.0		0.08	0.00	162	400	83.3		7.6	7.0	3.6	0.7	1.2	1.0
TCW-WQM7	Sunny	NA	09:16	2nd	19.8	19.8	9.1	9.0	0.08	0.08	157	160	83.1	83.2	7.6	7.6	3.7	3.7	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.

Water Quality Monitoring

Water Quality Monitoring Results on 11 November 2024 during Ebb Tide

Monitoring Station	Weather	Tidal Condition	Sampling	Replicate	Water Ter (°		р	н	Salinit	y (ppt)		uctivity /cm)	DO Satur	ation (%)	Dissolved (mç		Turbidi	ty(NTU)		ded Solids ig/L)
inerine ing etation	Condition		Time	rophotic	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
TCW-WQM1	Suppy	Bough	08:40	1st	24.9	25.0	8.2	8.2	26.88	26.49	41900	41350	78.7	77.8	5.6	5.6	3.6	3.5	2.9	3.3
	Sunny	Rough	00.40	2nd	25.0	25.0	8.2	0.2	26.09	20.49	40800	41350	76.9	11.0	5.5	5.0	3.3	3.5	3.6	- 3.3
	Current	NA	00:40	1st	23.0	23.0	6.9	6.9	0.02	0.00	46	40	74.4	71.5	6.4		2.3	2.4	0.6	0.6
TCW-WQM2	Sunny	NA	09:48	2nd	23.1	23.0	6.9	0.9	0.02	0.02	45	46	68.5	/1.5	5.9	6.2	2.4	2.4	0.6	0.6
TCW-WQM3A	Current	NA	10:10	1st	23.4	23.4	7.4	7.3	0.04	0.04	82		79.1	79.9	6.7		1.4	1.5	1.1	
TCVV-VVQIVI3A	Sunny	NA	10:10	2nd	23.4	23.4	7.3	7.3	0.04	0.04	81	82	80.6	79.9	6.9	6.8	1.6	1.5	1.0	- 1.1
TOWNOMA	0		10.00	1st	23.7	00.7	6.7	6.7	0.03	0.00	62		46.1	45.7	3.9	3.9	1.6	1.6	<0.5	0.5
TCW-WQM4	Sunny	NA	10:38	2nd	23.7	23.7	6.7	0.7	0.03	0.03	61	62	45.2	45.7	3.8	3.9	1.6	1.0	<0.5	<0.5
	Current	NA	11.00	1st	23.4	00.4	7.5	7.5	0.02	0.00	47	47	74.7	70.0	6.4		2.5	0.7	<0.5	.0.5
TCW-WQM5A	Sunny	NA	11:08	2nd	23.4	23.4	7.5	7.5	0.02	0.02	47	47	71.7	73.2	6.1	6.3	2.9	2.7	<0.5	<0.5
	Current	NA	00.20	1st	23.5	00.4	6.8	<u> </u>	0.03	0.00	73	70	59.8	50.0	5.1	F 4	1.4	4.5	0.7	
TCW-WQM6	Sunny	NA	09:20	2nd	23.4	23.4	6.8	6.8	0.03	0.03	70	72	59.3	59.6	5.1	- 5.1	1.6	1.5	0.8	0.8
	Current	NA	00.07	1st	23.6	22.0	9.8	0.0	0.05	0.05	102	101	84.9	86.2	7.2	7.0	2.5	2.8	1.1	
TCW-WQM7	Sunny	NA	09:07	2nd	23.6	23.6	9.8	9.8	0.05	0.05	100	101	87.4	80.∠	7.4	7.3	3.0	2.8	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

Water Quality Monitoring Results on 13 November 2024 during Ebb Tide

Monitoring Station	Weather	Tidal Condition	Sampling	Replicate	Water Ter (°		р	н	Salinit	y (ppt)		uctivity /cm)	DO Satur	ation (%)	Dissolved (mg		Turbidit	ty(NTU)		ded Solids ig/L)
Monitoring Oldson	Condition		Time	Toplotto	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
TCW-WQM1	Deinu	Dough	09:45	1st	25.7	25.7	7.6	7.6	29.50	29.58	45600	45700	82.3	78.8	5.7	5.5	5.6	5.6	3.9	3.7
	Rainy	Rough	09:45	2nd	25.7	25.7	7.6	7.0	29.66	29.58	45800	45700	75.2	78.8	5.2	5.5	5.5	0.0	3.5	3.7
TOWNOND	Olavata		40.55	1st	23.1	00.1	6.6		0.02	0.00	49	40	65.3	04.5	5.6	5.0	2.2		0.9	
TCW-WQM2	Cloudy	NA	10:55	2nd	23.1	23.1	6.6	6.6	0.02	0.02	49	49	63.7	64.5	5.5	5.6	2.4	2.3	0.8	0.9
TOWNSDAGA	<u> </u>			1st	23.2	00.0	7.5	7.5	0.04	0.04	97		67.1	07.0	5.7	5.0	3.2		2.6	
TCW-WQM3A	Cloudy	NA	11:16	2nd	23.2	23.2	7.5	7.5	0.04	0.04	97	97	67.3	67.2	5.8	5.8	3.5	3.4	2.4	2.5
TOWNON	0			1st	23.6	00.0	6.4		0.02	0.00	54	54	44.4		3.8		1.5		<0.5	
TCW-WQM4	Cloudy	NA	11:42	2nd	23.6	23.6	6.4	6.4	0.02	0.02	54	54	44.2	44.3	3.8	3.8	1.7	1.6	<0.5	<0.5
	0		10.00	1st	23.2	00.0	7.4	7.4	0.02	0.00	47		72.0	70.7	6.2		2.2		<0.5	
TCW-WQM5A	Cloudy	NA	12:03	2nd	23.2	23.2	7.4	7.4	0.02	0.02	47	47	73.4	72.7	6.3	6.3	1.9	2.1	<0.5	<0.5
TOWNON	<u> </u>		10.00	1st	23.4	00.4	6.7		0.05	0.05	103	400	60.3	00.7	5.1	5.0	1.6		1.4	1.5
TCW-WQM6	Rainy	NA	10:36	2nd	23.4	23.4	6.6	6.6	0.05	0.05	103	103	61.1	60.7	5.2	5.2	1.7	1.7	1.6	- 1.5
	D .			1st	23.8	00.0	7.9		0.07	0.07	142		74.7	74.0	6.3		34.2		14.4	
TCW-WQM7	Rainy	NA	10:14	2nd	23.8	23.8	7.9	7.9	0.07	0.07	140	141	73.9	74.3	6.2	6.3	33.7	<u>34.0</u>	15.8	<u>15.1</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

Water Quality Monitoring Results on 15 November 2024 during Ebb Tide

Monitoring Station	Weather	Tidal Condition	Sampling	Replicate	Water Ter (°		p	н	Salinit	y (ppt)		uctivity /cm)	DO Satur	ation (%)	Dissolved (mç		Turbidit	ty(NTU)		ded Solids ig/L)
inclutering etation	Condition		Time	rophotic	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
TCW-WQM1	Claudy	Bough	11:22	1st	25.5	25.5	8.4	8.4	29.64	29.49	45700	45500	46.3	46.6	3.2	3.3	5.4	5.3	3.3	3.5
	Cloudy	Rough	11:22	2nd	25.4	25.5	8.4	8.4	29.34	29.49	45300	45500	46.8	40.0	3.3	- 3.3	5.1	5.3	3.6	3.5
TOWNOND	Olavata		10.00	1st	23.9	00.0	6.8		0.03	0.00	59	50	70.1	00.5	5.9	5.0	2.2		0.7	0.7
TCW-WQM2	Cloudy	NA	12:30	2nd	23.9	23.9	6.8	6.8	0.03	0.03	59	59	68.9	69.5	5.8	- 5.9	2.3	2.3	0.7	0.7
	Olavata		40.50	1st	24.1	04.4	8.0		0.04	0.04	89		77.2	70.0	6.5	0.5	2.5	0.5	1.5	4.5
TCW-WQM3A	Cloudy	NA	12:50	2nd	24.1	24.1	8.0	8.0	0.04	0.04	89	89	76.5	76.9	6.4	6.5	2.5	2.5	1.4	- 1.5
TOWNOMA	Olavata		10.10	1st	24.2	04.0	6.8		0.02	0.00	56	50	47.5	10.0	4.0	10	2.6		<0.5	0.5
TCW-WQM4	Cloudy	NA	13:18	2nd	24.2	24.2	6.8	6.8	0.02	0.02	55	56	46.1	46.8	3.9	4.0	2.6	2.6	<0.5	<0.5
	Olavata		10.00	1st	24.3	04.0	7.4	7.4	0.02	0.00	52	50	63.0	01.0	5.3	5.0	1.0		0.7	
TCW-WQM5A	Cloudy	NA	13:39	2nd	24.3	24.3	7.4	7.4	0.02	0.02	52	52	60.1	61.6	5.0	5.2	1.1	1.1	0.5	0.6
TCW-WQM6	Olavata		44.47	1st	24.0	04.0	6.7		0.04	0.04	83		68.0	00.4	5.7	5.0	1.1	10	1.0	
	Cloudy	NA	11:47	2nd	24.0	24.0	6.8	6.8	0.04	0.04	83	83	68.8	68.4	5.8	- 5.8	1.4	1.3	1.4	- 1.2
TOWN	Olauat		40.05	1st	25.0	05.0	8.3		0.07	0.07	148	450	92.6	00.7	7.6		6.8		4.7	47
TCW-WQM7	Cloudy	NA	12:05	2nd	25.1	25.0	8.3	8.3	0.07	0.07	151	150	92.8	92.7	7.7	7.7	6.7	6.8	4.7	- 4.7

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

Water Quality Monitoring Results on 18 November 2024 during Ebb Tide

Monitoring Station	Weather	Tidal Condition	Sampling	Replicate	Water Ter (°		р	н	Salinit	y (ppt)		uctivity /cm)	DO Satur	ation (%)	Dissolved (mç		Turbidi	ty(NTU)		led Solids g/L)
	Condition		Time	Toplotto	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
TCW-WQM1	Current	Dough	40.05	1st	26.6	26.6	7.3	7.2	26.92	27.09	42000	42200	99.0	99.0	6.8	6.8	15.7	15.6	8.4	
	Sunny	Rough	13:25	2nd	26.6	20.0	7.2	1.2	27.26	27.09	42400	42200	99.0	99.0	6.8	0.8	15.4	15.6	8.8	<u>8.6</u>
TOWNOND	Olavata		10.10	1st	23.8	00.0	6.6		0.02	0.00	51	54	69.9		5.9	5.0	1.3	4.5	0.5	0.5
TCW-WQM2	Cloudy	NA	12:13	2nd	23.8	23.8	6.7	6.6	0.02	0.02	51	51	67.2	68.6	5.7	- 5.8	1.6	1.5	0.5	- 0.5
	Olavata		11.10	1st	24.0	04.0	7.5	7.5	0.04	0.04	87	07	79.8	70.0	6.7	0.7	2.0		1.0	
TCW-WQM3A	Cloudy	NA	11:48	2nd	24.0	24.0	7.5	7.5	0.04	0.04	87	87	77.8	78.8	6.6	6.7	2.0	2.0	0.9	- 1.0
TOWNOMA	0		11.00	1st	24.0	04.0	6.8		0.03	0.00	58	50	58.7	50.4	4.9	47	2.1		<0.5	0.5
TCW-WQM4	Sunny	NA	11:03	2nd	24.0	24.0	6.9	6.9	0.03	0.03	57	58	54.0	56.4	4.5	4.7	2.0	2.1	<0.5	- <0.5
	0		11.00	1st	23.9	00.0	7.4	7.4	0.02	0.00	48	40	93.4	00.0	7.9	7.0	1.7	4.0	<0.5	0.5
TCW-WQM5A	Sunny	NA	11:20	2nd	23.9	23.9	7.5	7.4	0.02	0.02	48	48	93.1	93.3	7.9	7.9	1.8	1.8	<0.5	- <0.5
TOWNOND	Olavata		40.50	1st	23.9	00.0	7.2	7.0	0.06	0.00	123	100	60.5	01.4	5.1	5.0	1.4		0.6	
TCW-WQM6	Cloudy	NA	12:53	2nd	23.9	23.9	7.2	7.2	0.06	0.06	123	123	61.6	61.1	5.2	- 5.2	1.4	1.4	1.1	- 0.9
TOWN	Olavata		10.00	1st	25.5	05.5	8.7	0.7	0.08	0.00	180	170	82.9	00.0	6.8		3.0	0.4	2.5	
TCW-WQM7	Cloudy	NA	12:38	2nd	25.5	25.5	8.7	8.7	0.08	0.08	178	179	82.6	82.8	6.8	6.8	3.2	3.1	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

Water Quality Monitoring Results on 20 November 2024 during Ebb Tide

Monitoring Station	Weather	Tidal Condition	Sampling	Replicate	Water Ter (°	-	p	Н	Salinit	y (ppt)		uctivity 5/cm)	DO Satu	ration (%)	Dissolved (mg		Turbidi	ty(NTU)		led Solids g/L)
Monitoring Clation	Condition		Time	ropilouto	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
TCW-WQM1	Doiny	Bough	15:32	1st	21.2	21.2	8.0	8.0	0.50	0.50	1010	1010	100.0	100.0	8.9	8.9	14.2	14.4	6.4	6.6
	Rainy	Rough	15.32	2nd	21.2	21.2	8.0	0.0	0.50	0.50	1010	1010	100.0	100.0	8.9	0.9	14.6	14.4	6.7	0.0
TOWNOND	Deine		4440	1st	21.1	01.1	7.2	7.0	0.03	0.00	67		80.5	70.0	7.2	74	5.4	5.4	3.0	
TCW-WQM2	Rainy	NA	14:18	2nd	21.1	21.1	7.3	7.2	0.03	0.03	69	- 68	79.0	79.8	7.0	7.1	5.3	- 5.4	3.1	- 3.1
	Deine		40.54	1st	21.0	01.0	7.7		0.03	0.00	73	70	94.9	014	8.5		12.5	10.5	6.7	
TCW-WQM3A	Rainy	NA	13:54	2nd	21.0	21.0	7.7	7.7	0.03	0.03	73	- 73	93.3	94.1	8.3	8.4	12.5	<u>12.5</u>	6.8	- 6.8
TOWNOMA	Daina		40.00	1st	21.2	21.2	6.8		0.02	0.00	56	50	78.8	76.4	7.0	6.8	3.7		2.2	
TCW-WQM4	Rainy	NA	13:03	2nd	21.2	21.2	6.8	- 6.8	0.02	0.02	56	- 56	73.9	76.4	6.6	6.8	3.8	- 3.8	2.2	- 2.2
	Daina		10.00	1st	21.1	01.1	7.4	7.4	0.08	0.00	167	407	80.1		7.1	74	7.5	7.5	12.8	10.0
TCW-WQM5A	Rainy	NA	13:26	2nd	21.1	21.1	7.4	- 7.4	0.08	0.08	166	- 167	80.3	80.2	7.1	7.1	7.4	- 7.5	12.7	- 12.8
TOWNOND	Daina		44.50	1st	20.8	20.8	7.4	7.4	0.04	0.04	89	00	80.7	00.5	7.2	7.0	6.4		4.2	4.5
TCW-WQM6	Rainy	NA	14:50	2nd	20.8	20.8	7.4	- 7.4	0.04	0.04	88	- 89	80.2	80.5	7.2	7.2	6.4	- 6.4	4.8	- 4.5
TOWN	Daire		45-04	1st	21.0	01.0	9.3		0.06	0.00	119	440	85.3	05.0	7.6	7.0	16.5	40.5	10.9	40.7
TCW-WQM7	Rainy	NA	15:04	2nd	21.0	21.0	9.3	9.3	0.06	0.06	119	119	85.2	85.3	7.6	7.6	16.4	<u>16.5</u>	10.4	- 10.7

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

Water Quality Monitoring Results on 22 November 2024 during Ebb Tide

Monitoring Station	Weather	Tidal Condition	Sampling	Replicate	Water Te	mperature C)	р	Н	Salinit	y (ppt)		uctivity /cm)	DO Satu	ration (%)	Dissolved (mg		Turbidi	ty(NTU)		led Solids g/L)
chailen ing etailen	Condition		Time	riophicato	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
	Claudu	Daugh	08:22	1st	23.2	23.2	8.2	8.2	29.66	29.65	45800	45800	46.0	45.3	3.3	3.3	9.2	9.1	3.5	3.6
TCW-WQM1	Cloudy	Rough	08:22	2nd	23.2	23.2	8.2	8.2	29.64	29.05	45800	45800	44.5	40.3	3.2	3.3	8.9	9.1	3.6	3.0
TCW-WQM2	Cloudy	NA	09:43	1st	20.7	20.7	7.0	7.0	0.02	0.02	55	55	75.2	75.1	6.7	6.7	2.6	2.6	0.6	0.7
	Cloudy	NA	09.43	2nd	20.7	20.7	7.0	7.0	0.02	0.02	55	- 55	74.9	75.1	6.7	0.7	2.5	2.0	0.7	0.7
TCW-WQM3A	Cloudy	NA	10:06	1st	20.6	20.6	7.2	7.1	0.03	0.03	77	77	79.0	79.2	7.1	7.1	1.5	1.5	0.9	0.9
	Cloudy	NA	10.00	2nd	20.6	20.0	7.1	7.1	0.03	0.03	77		79.3	19.2	7.1	7.1	1.4	1.5	0.8	0.9
TCW-WQM4	Cloudy	NA	10:37	1st	20.7	20.7	6.7	6.7	0.02	0.02	49	49	47.8	47.0	4.3	4.2	2.2	2.2	<0.5	<0.5
	Cloudy	NA	10.57	2nd	20.7	20.7	6.7	0.7	0.02	0.02	49	49	46.1	47.0	4.1	4.2	2.1	2.2	<0.5	<0.5
TCW-WQM5A	Cloudy	NA	10:58	1st	20.5	20.5	6.7	6.7	0.02	0.02	45	45	80.1	80.1	7.2	7.2	2.0	2.0	<0.5	<0.5
	Cloudy	NA	10.56	2nd	20.5	20.5	6.7	0.7	0.02	0.02	45	40	80.1	00.1	7.2	1.2	2.0	2.0	<0.5	<0.5
TCW-WQM6	Cloudy	NA	09:07	1st	21.1	21.1	7.2	7.2	0.04	0.04	84	83	71.7	71.5	6.4	6.4	1.3	1.4	0.6	0.7
	Cloudy	NA	09.07	2nd	21.1	21.1	7.2	1.2	0.04	0.04	82	05	71.2	71.5	6.3	0.4	1.4	1.4	0.7	0.7
TCW-WQM7	Cloudy	NA	09:22	1st	20.8	20.8	9.6	9.6	0.06	0.06	134	136	86.5	86.9	7.7	7.8	8.0	8.2	4.8	4.9
	Cioudy	INA	09.22	2nd	20.8	20.0	9.6	9.0	0.06	0.00	137	130	87.2	00.9	7.8	1.0	8.3	0.2	4.9	4.9

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

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

Water Quality Monitoring

Water Quality Monitoring Results on 25 November 2024 during Ebb Tide

Monitoring Station	Weather	Tidal Condition	Sampling	Replicate		mperature C)	р	Н	Salinit	y (ppt)		uctivity /cm)	DO Satur	ation (%)	Dissolved (mg		Turbidi	ty(NTU)		led Solids g/L)
inennen ig etallen	Condition		Time	riophicato	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
TCW-WQM1	Claudu	Dough	08:28	1st	22.6	22.6	8.5	8.5	25.70	25.54	40300	40050	57.2	58.1	4.3	4.4	4.2	4.2	2.5	2.7
	Cloudy	Rough	00.20	2nd	22.6	22.0	8.5	0.0	25.38	25.54	39800	40050	59.0	50.1	4.4	4.4	4.2	4.2	2.9	2.1
	Olavaha		00:44	1st	21.0	01.0	6.8		0.02	0.00	50	50	66.1	00.5	5.9		1.4		<0.5	
TCW-WQM2	Cloudy	NA	09:44	2nd	21.0	21.0	6.8	6.8	0.02	0.02	50	50	66.8	66.5	6.0	6.0	1.4	1.4	<0.5	- <0.5
	Clauder	NA	10:00	1st	21.0	21.0	7.4	7.4	0.03	0.03	76	70	76.2	70.0	6.8		1.3		0.8	
TCW-WQM3A	Cloudy	NA	10:00	2nd	21.0	21.0	7.4	7.4	0.03	0.03	76	76	76.3	76.3	6.8	6.8	1.5	1.4	0.8	0.8
	Claudu	NA	10:20	1st	21.0	21.0	6.6		0.02	0.02	49	40	40.4	40.6	3.6	3.6	3.4	3.4	<0.5	<0.5
TCW-WQM4	Cloudy	NA	10:39	2nd	21.0	21.0	6.6	6.6	0.02	0.02	49	49	40.7	40.6	3.6	3.0	3.4	- 3.4	<0.5	<0.5
	Olavaha		10.50	1st	21.0	01.0	7.1	74	0.02	0.00	46	40	77.6	77.0	6.9		2.5		<0.5	
TCW-WQM5A	Cloudy	NA	10:56	2nd	21.0	21.0	7.1	7.1	0.02	0.02	46	46	77.5	77.6	6.9	6.9	2.6	- 2.6	0.6	- 0.6
	Claudu	NA	00:20	1st	21.5	21.5	6.8		0.03	0.03	77	77	69.5	69.0	6.1	0.4	1.2	4.0	0.7	0.0
TCW-WQM6	Cloudy	NA	09:20	2nd	21.5	21.5	6.8	6.8	0.03	0.03	77		68.4	69.0	6.1	6.1	1.2	- 1.2	0.8	- 0.8
	Claudu		00:00	1st	21.6	24.0	9.4	9.4	0.07	0.07	153	455	79.0	70.0	7.0	7.4	3.6	0.7	2.4	0.7
TCW-WQM7	Cloudy	NA	09:09	2nd	21.7	21.6	9.4	9.4	0.07	0.07	157	155	80.5	79.8	7.1	7.1	3.8	3.7	2.9	2.7

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

Water Quality Monitoring Results on 27 November 2024 during Ebb Tide

Monitoring Station	Weather	Tidal Condition	Sampling	Replicate	Water Te	mperature °C)	р	Н	Salinit	y (ppt)		uctivity /cm)	DO Satu	ration (%)	Dissolved (mg		Turbidi	ty(NTU)		led Solids g/L)
Julie Interning Clauter	Condition		Time	riophicato	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
TCW-WQM1	Cumpu	Dauah	10:24	1st	22.0	22.0	8.5	8.5	24.98	24.87	39300	39150	78.5	77.6	5.9	5.9	7.9	8.0	3.5	3.7
	Sunny	Rough	10.24	2nd	22.0	22.0	8.5	0.0	24.76	24.07	39000	39150	76.6	//.0	5.8	5.9	8.0	0.0	3.9	3.7
	Cumpu	NA	44.05	1st	19.6	19.6	6.8		0.02	0.02	49	40	64.7	00.7	5.9	5.9	1.8	1.9	<0.5	<0.5
TCW-WQM2	Sunny	NA	11:25	2nd	19.6	19.6	6.8	6.8	0.02	0.02	49	49	62.7	63.7	5.8	5.9	2.0	1.9	<0.5	<0.5
	Cumpu	NA	44.55	1st	19.6	10.0	7.4	7.4	0.03	0.03	76	76	79.1	78.9	7.3	7.3	1.4	4.5	0.6	0.7
TCW-WQM3A	Sunny	NA	11:55	2nd	19.6	19.6	7.4	7.4	0.03	0.03	76	76	78.6	78.9	7.2	7.3	1.6	1.5	0.8	- 0.7
TCW-WQM4	0		12:25	1st	20.1	20.1	6.8	6.8	0.02	0.02	50	50	52.6	52.3	4.8	10	1.9	2.0	<0.5	0.5
	Sunny	NA	12:25	2nd	20.1	20.1	6.8	0.8	0.02	0.02	50	50	52.0	52.3	4.7	4.8	2.1	2.0	<0.5	- <0.5
	Cumpu	NIA	40:40	1st	19.8	10.0	7.3	7.0	0.02	0.02	47	47	81.8	00.0	7.5	7.4	1.4		<0.5	.0.5
TCW-WQM5A	Sunny	NA	12:48	2nd	19.8	19.8	7.3	7.3	0.02	0.02	47	47	79.8	80.8	7.3	7.4	1.4	1.4	<0.5	- <0.5
TCW-WQM6	Cumpu	NA	11:02	1st	19.6	19.6	6.9	6.9	0.03	0.03	76	76	72.1	74.6	6.6	6.9	1.2	1.2	<0.5	<0.5
	Sunny	NA	11:02	2nd	19.5	19.6	6.9	0.9	0.03	0.03	76	70	77.1	74.0	7.1	6.9	1.2	1.2	<0.5	<0.5
TCW-WQM7	Suppy	NA	10:52	1st	19.9	19.9	9.3	9.3	0.06	0.06	136	134	78.1	77.3	7.1	7.1	2.9	3.0	1.7	- 1.8
	Sunny	NA	10.52	2nd	19.9	19.9	9.3	9.0	0.06	0.00	132	134	76.5	11.3	7.0	1.1	3.0	3.0	1.9	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

Water Quality Monitoring Results on 29 November 2024 during Ebb Tide

Monitoring Station	Weather Condition	Tidal Condition	Sampling Time	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	11:00	1st	19.2	19.3	8.7	- 8.6	18.28	18.44	29700	29900	57.5	- 54.8	4.8	4.6	7.9 7.4	7.7	1.4	- 1.3
				2nd	19.4		8.6	0.0	18.60	10.44	30100		52.1		4.3	4.0			1.2	1.3
TCW-WQM2	Sunny	NA	12:04	1st	18.1	18.1	7.2	- 7.2 -	0.02	0.02	47	47	77.1	77.0	7.3	7.0	1.5	1.7	<0.5	<0.5
				2nd	18.1		7.2		0.02	0.02	47	- 47	76.8		7.3	7.3	1.8	1.7	<0.5	<0.5
TCW-WQM3A	Sunny	NA	12:25	1st	17.9	17.9	7.6	7.6	0.04	0.04	78	70	81.9	81.9 80.0 81.0	7.8	7.7	1.6	4.0	0.7	0.7
				2nd	17.9		7.5		0.04	0.04	78	78	80.0		7.6		1.5	- 1.6	0.6	0.6
TCW-WQM4	Sunny	NA	13:07	1st	18.2	- 18.2 -	7.2	7.2	0.02	0.02	47	40	63.2	60.5	6.0	- 5.8	1.6	47	<0.5	- <0.5
				2nd	18.3		7.2		0.02	0.02	48	48	57.8		5.5		1.7	1.7	<0.5	
TCW-WQM5A	Sunny	NA	13:28	1st	18.2	18.2	7.4	7.4	0.02	0.02	46	40	79.8	80.5	7.5	7.6	2.0	1.9	<0.5	.0.5
				2nd	18.2		7.4		0.02	0.02	46	46	81.1	- δ0.5	7.7	7.0	1.8	1.9	<0.5	<0.5
TCW-WQM6	Sunny	NA	11:35	1st	18.4	18.4	7.0	7.0	0.03	0.03	74	74	71.9	71.6	6.8	6.8	1.4	4.5	<0.5	- <0.5
				2nd	18.3		7.0		0.03	0.03	74	/4	71.3		6.7	0.8	1.5	1.5	<0.5	
TCW-WQM7	Sunny	NA	11:27	1st	19.3	- 19.3	9.8	9.8	0.10	0.10	220	216	75.5	76.5	7.0	7.1	4.9	5.0	3.4	2.0
				2nd	19.3		9.8		0.10	0.10	212		77.4		7.1	7.1	5.0	5.0	3.7	3.6

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.