

Agreement No. CE 59/2015 (EP)
Environmental Team for Tseung Kwan O - Lam Tin Tunnel –
Design and Construction

Appendix K – Summary of Exceedance

Reporting Period: November 2020

(A) Exceedance Report for Air Quality
(NIL in the reporting month)

(B) Exceedance Report for Construction Noise

Action Level for Construction Noise

Twelve (12) Action Level exceedances were recorded due to the documented complaints received in this reporting month.

Limit Level for Construction Noise

No exceedance for daytime and evening-time construction noise monitoring was recorded in the reporting month.

No limit level exceedances for nighttime construction noise monitoring was recorded in the reporting month.

Exceedance recorded during daytime
(NIL in the reporting month)

Exceedance recorded during night-time
(NIL in the reporting month)

(C) Exceedance Report for Water Quality

Thirty-one (31) Action Level and one hundred and eleven (111) Limit Level exceedances in Monitoring Stations (M) of marine water quality monitoring. Refer to the attached notifications and investigation report for details.

Since October 2019, groundwater monitoring had been suspended.

(D) Exceedance Report for Ecology
(NIL in the reporting month)

(E) Exceedance Report for Cultural Heritage
(NIL in the reporting month)

(F) Exceedance Report for Landfill Gas
(NIL in the reporting month)

Date of Water Quality Monitoring: **02 November 2020**

Part A – Exceedance Summary Tables

Table I: Parameter(s) – Dissolved Oxygen (DO) / Turbidity (TURB) / Suspended Solids (SS)

Tide	Control Station(s)	Depth	Measured Value at Control Station (mg/L)	Station(s)	Time (hrs)	Baseline Action Level (mg/L)	Baseline Limit Level (mg/L)	120% of Control Station Action Level (mg/L)	130% of Control Station Limit Level (mg/L)	Measured Value (mg/L)
Mid-Ebb	C2	surface	65.0	M1	12:37	6.2	7.4	78.0	84.5	<i><u>11.1</u></i>
Mid-Ebb	C2	surface	65.0	M2	12:27	6.2	7.4	78.0	84.5	<i><u>8.9</u></i>
Mid-Ebb	C2	surface	65.0	M4	12:22	6.2	7.4	78.0	84.5	<i><u>6.6</u></i>
Mid-Ebb	C2	surface	65.0	M5	13:12	6.2	7.4	78.0	84.5	<i><u>6.6</u></i>
Mid-Ebb	C2	bottom	7.1	M1	12:37	6.9	7.9	8.5	9.2	<i><u>8.9</u></i>
Mid-Ebb	C2	bottom	7.1	M3	12:55	6.9	7.9	8.5	9.2	<i><u>8.5</u></i>
Mid-Ebb	C2	bottom	7.1	M5	13:12	6.9	7.9	8.5	9.2	<i><u>9.6</u></i>
Mid-Flood	C1	surface	4.5	M2	8:19	6.2	7.4	5.4	5.9	<i><u>8.7</u></i>
Mid-Flood	C1	surface	4.5	M3	8:43	6.2	7.4	5.4	5.9	<i><u>7.8</u></i>
Mid-Flood	C1	surface	4.5	M4	12:22	6.2	7.4	5.4	5.9	<i><u>6.6</u></i>
Mid-Flood	C1	surface	4.5	M5	8:58	6.2	7.4	5.4	5.9	<i><u>6.0</u></i>
Mid-Flood	C1	bottom	6.2	M1	8:28	6.9	7.9	7.4	8.0	<i><u>11.1</u></i>
Mid-Flood	C1	bottom	6.2	M2	8:19	6.9	7.9	7.4	8.0	<i><u>7.8</u></i>
Mid-Flood	C1	bottom	6.2	M3	8:43	6.9	7.9	7.4	8.0	<i><u>7.9</u></i>
Mid-Flood	C1	bottom	6.2	M5	8:58	6.9	7.9	7.4	8.0	<i><u>15.1</u></i>

Note: ***Bold Italic*** means Action Level exceedance
Bold Italic with underline means Limit Level exceedance

Date of Water Quality Monitoring: 02 November 2020

Part A – Exceedance Summary Tables

Table II: Parameter(s) – ~~Dissolved Oxygen (DO)~~ / Turbidity (TURB) / ~~Suspended Solids (SS)~~

Depth	Baseline Action Level (NTU)	Baseline Limit Level (NTU)	Tide	Control Station(s)	Measured Value at Control Station (NTU)	Station(s)	Time (hrs)	120% of Control Station Action Level (NTU)	130% of Control Station Limit Level (NTU)	Measured Value (NTU)
Bottom	19.3	22.2	Mid-Ebb	C2	2.1	M1	12:37	2.5	2.7	<u>3.4</u>
Bottom	19.3	22.2	Mid-Ebb	C2	2.1	M2	12:27	2.5	n.a.	2.7
Bottom	19.3	22.2	Mid-Ebb	C2	2.1	M3	12:55	2.5	2.7	<u>3.0</u>
Bottom	19.3	22.2	Mid-Ebb	C2	2.1	M4	12:22	2.5	2.7	<u>4.0</u>

Note: ***Bold Italic*** means Action Level exceedance
Bold Italic with underline means Limit Level exceedance

Date of Water Quality Monitoring: 04 November 2020

Part A – Exceedance Summary Tables

Table I: Parameter(s) – Dissolved Oxygen (DO) / Turbidity (TURB) / Suspended Solids (SS)

Tide	Control Station(s)	Depth	Measured Value at Control Station (mg/L)	Station(s)	Time (hrs)	Baseline Action Level (mg/L)	Baseline Limit Level (mg/L)	120% of Control Station Action Level (mg/L)	130% of Control Station Limit Level (mg/L)	Measured Value (mg/L)
Mid-Ebb	C2	surface	4.7	M1	13:27	6.2	7.4	5.6	6.1	<i>6.1</i>
Mid-Ebb	C2	surface	4.7	M2	13:16	6.2	7.4	5.6	6.1	<i><u>7.2</u></i>
Mid-Ebb	C2	surface	4.7	M4	13:11	6.2	7.4	5.6	6.1	<i><u>7.4</u></i>
Mid-Ebb	C2	surface	4.7	M5	14:01	6.2	7.4	5.6	6.1	<i><u>6.5</u></i>
Mid-Ebb	C2	bottom	5.3	M1	13:27	6.9	7.9	6.4	6.9	<i><u>7.3</u></i>
Mid-Flood	C1	surface	9.2	M4	13:11	6.2	7.4	11.0	12.0	<i>7.4</i>
Mid-Flood	C1	surface	9.2	M5	8:58	6.2	7.4	11.0	12.0	<i><u>9.4</u></i>
Mid-Flood	C1	bottom	4.1	M1	8:28	6.9	7.9	4.9	5.3	<i><u>8.0</u></i>
Mid-Flood	C1	bottom	4.1	M2	8:19	6.9	7.9	4.9	5.3	<i><u>6.0</u></i>
Mid-Flood	C1	bottom	4.1	M3	8:43	6.9	7.9	4.9	5.3	<i><u>6.9</u></i>
Mid-Flood	C1	bottom	4.1	M4	13:11	6.9	7.9	4.9	5.3	<i><u>5.9</u></i>
Mid-Flood	C1	bottom	4.1	M5	8:58	6.9	7.9	4.9	5.3	<i>5.1</i>

Note: ***Bold Italic*** means Action Level exceedance
Bold Italic with underline means Limit Level exceedance

Date of Water Quality Monitoring: 06 November 2020

Part A – Exceedance Summary Tables

Table I: Parameter(s) – Dissolved Oxygen (DO) / Turbidity (TURB) / Suspended Solids (SS)

Tide	Control Station(s)	Depth	Measured Value at Control Station (mg/L)	Station(s)	Time (hrs)	Baseline Action Level (mg/L)	Baseline Limit Level (mg/L)	120% of Control Station Action Level (mg/L)	130% of Control Station Limit Level (mg/L)	Measured Value (mg/L)
Mid-Ebb	C2	surface	9.5	M3	15:46	6.2	7.4	11.3	12.3	<i>9.6</i>
Mid-Ebb	C2	bottom	7.9	M2	15:01	6.9	7.9	9.4	10.2	<i>8.8</i>
Mid-Ebb	C2	bottom	7.9	M3	15:46	6.9	7.9	9.4	10.2	<i>28.0</i>
Mid-Flood	C1	surface	4.0	M1	9:46	6.2	7.4	4.7	5.1	<i>7.8</i>
Mid-Flood	C1	surface	4.0	M2	9:34	6.2	7.4	4.7	5.1	<i>9.2</i>
Mid-Flood	C1	surface	4.0	M5	10:36	6.2	7.4	4.7	5.1	<i>15.2</i>
Mid-Flood	C1	bottom	4.1	M1	9:46	6.9	7.9	4.9	5.3	<i>6.5</i>
Mid-Flood	C1	bottom	4.1	M2	9:34	6.9	7.9	4.9	5.3	<i>11.6</i>
Mid-Flood	C1	bottom	4.1	M4	14:55	6.9	7.9	4.9	5.3	<i>6.2</i>
Mid-Flood	C1	bottom	4.1	M5	10:36	6.9	7.9	4.9	5.3	<i>28.3</i>

Note: ***Bold Italic*** means Action Level exceedance
Bold Italic with underline means Limit Level exceedance

Date of Water Quality Monitoring: 06 November 2020

Part A – Exceedance Summary Tables

Table II: Parameter(s) – ~~Dissolved Oxygen (DO)~~ / Turbidity (TURB) / ~~Suspended Solids (SS)~~

Depth	Baseline Action Level (NTU)	Baseline Limit Level (NTU)	Tide	Control Station(s)	Measured Value at Control Station (NTU)	Station(s)	Time (hrs)	120% of Control Station Action Level (NTU)	130% of Control Station Limit Level (NTU)	Measured Value (NTU)
Bottom	19.3	22.2	Mid-Ebb	C2	1.7	M1	15:16	2.0	2.2	<i><u>3.4</u></i>
Bottom	19.3	22.2	Mid-Ebb	C2	1.7	M2	15:01	2.0	n.a.	<i><u>3.1</u></i>
Bottom	19.3	22.2	Mid-Ebb	C2	1.7	M3	15:46	2.0	2.2	<i><u>2.1</u></i>
Bottom	19.3	22.2	Mid-Ebb	C2	1.7	M5	16:25	2.0	2.2	<i><u>2.6</u></i>
Intake	N/A	N/A	Mid-Ebb	C2	1.7	M6	16:07	2.0	2.2	<i><u>3.0</u></i>
Bottom	19.3	22.2	Mid-flood	C1	1.5	M1	9:46	1.9	2.0	<i><u>4.1</u></i>
Bottom	19.3	22.2	Mid-flood	C1	1.5	M2	9:34	1.9	2.0	<i><u>2.8</u></i>
Bottom	19.3	22.2	Mid-flood	C1	1.5	M3	10:10	1.9	2.0	<i><u>2.2</u></i>
Bottom	19.3	22.2	Mid-flood	C1	1.5	M5	10:36	1.9	2.0	<i><u>2.5</u></i>
Intake	N/A	N/A	Mid-flood	C1	1.5	M6	10:26	1.9	2.0	<i><u>3.3</u></i>

Note: ***Bold Italic*** means Action Level exceedance
Bold Italic with underline means Limit Level exceedance

Date of Water Quality Monitoring: **09 November 2020**

Part A – Exceedance Summary Tables

Table I: Parameter(s) – Dissolved Oxygen (DO) / Turbidity (TURB) / Suspended Solids (SS)

Tide	Control Station(s)	Depth	Measured Value at Control Station (mg/L)	Station(s)	Time (hrs)	Baseline Action Level (mg/L)	Baseline Limit Level (mg/L)	120% of Control Station Action Level (mg/L)	130% of Control Station Limit Level (mg/L)	Measured Value (mg/L)
Mid-Ebb	C2	surface	4.3	M3	9:12	6.2	7.4	5.1	5.5	<i>5.7</i>
Mid-Ebb	C2	surface	4.3	M4	8:36	6.2	7.4	5.1	5.5	<i>7.3</i>
Mid-Ebb	C2	bottom	4.1	M1	8:53	6.9	7.9	4.9	5.3	<i>6.7</i>
Mid-Ebb	C2	bottom	4.1	M2	8:42	6.9	7.9	4.9	5.3	<i>10.9</i>
Mid-Ebb	C2	bottom	4.1	M3	9:12	6.9	7.9	4.9	5.3	<i>9.1</i>
Mid-Ebb	C2	bottom	4.1	M4	8:36	6.9	7.9	4.9	5.3	<i>8.2</i>

Note: ***Bold Italic*** means Action Level exceedance
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Contract No. CE 59/2015 (EP)
 Environmental Team for Tseung Kwan O – Lam Tin Tunnel
 Design and Construction
 - Notification of Environmental Quality Limit Exceedances

Date of Water Quality Monitoring: 09 November 2020

Part A – Exceedance Summary Tables

Table II: Parameter(s) – ~~Dissolved Oxygen (DO)~~/ Turbidity (TURB) /~~Suspended Solids (SS)~~

Depth	Baseline Action Level (NTU)	Baseline Limit Level (NTU)	Tide	Control Station(s)	Measured Value at Control Station (NTU)	Station(s)	Time (hrs)	120% of Control Station Action Level (NTU)	130% of Control Station Limit Level (NTU)	Measured Value (NTU)
Bottom	19.3	22.2	Mid-Ebb	C2	1.1	M1	8:53	1.3	1.4	<u>2.1</u>

Note: ***Bold Italic*** means Action Level exceedance
Bold Italic with underline means Limit Level exceedance

Date of Water Quality Monitoring: 11 November 2020

Part A – Exceedance Summary Tables

Table I: Parameter(s) – Dissolved Oxygen (DO) / Turbidity (TURB) / Suspended Solids (SS)

Tide	Control Station(s)	Depth	Measured Value at Control Station (mg/L)	Station(s)	Time (hrs)	Baseline Action Level (mg/L)	Baseline Limit Level (mg/L)	120% of Control Station Action Level (mg/L)	130% of Control Station Limit Level (mg/L)	Measured Value (mg/L)
Mid-Ebb	C2	surface	10.3	M2	14:37	6.2	7.4	12.4	13.4	<u>8.1</u>
Mid-Ebb	C2	surface	10.3	M3	15:16	6.2	7.4	12.4	13.4	<u>8.0</u>
Mid-Ebb	C2	surface	10.3	M4	14:32	6.2	7.4	12.4	13.4	<u>19.3</u>
Mid-Ebb	C2	surface	10.3	M5	15:54	6.2	7.4	12.4	13.4	<u>30.9</u>
Mid-Ebb	C2	bottom	8.7	M1	14:51	6.9	7.9	10.4	11.2	<u>7.0</u>
Mid-Ebb	C2	bottom	8.7	M2	14:37	6.9	7.9	10.4	11.2	<u>8.0</u>
Mid-Ebb	C2	bottom	8.7	M3	15:16	6.9	7.9	10.4	11.2	<u>7.6</u>
Mid-Ebb	C2	bottom	8.7	M5	15:54	6.9	7.9	10.4	11.2	<u>7.8</u>
Mid-Flood	C1	surface	11.4	M1	8:29	6.2	7.4	13.7	14.8	<u>7.9</u>
Mid-Flood	C1	surface	11.4	M4	14:32	6.2	7.4	13.7	14.8	<u>19.3</u>
Mid-Flood	C1	bottom	8.3	M5	9:25	6.9	7.9	9.9	10.7	<u>12.0</u>
Mid-Flood	C1	intake	n.a.	M6	9:13	8.3	8.6	n.a.	n.a.	<u>8.8</u>

Note: ***Bold Italic*** means Action Level exceedance
Bold Italic with underline means Limit Level exceedance

Date of Water Quality Monitoring: 11 November 2020

Part A – Exceedance Summary Tables

Table II: Parameter(s) – ~~Dissolved Oxygen (DO)~~/ Turbidity (TURB) /~~Suspended Solids (SS)~~

Depth	Baseline Action Level (NTU)	Baseline Limit Level (NTU)	Tide	Control Station(s)	Measured Value at Control Station (NTU)	Station(s)	Time (hrs)	120% of Control Station Action Level (NTU)	130% of Control Station Limit Level (NTU)	Measured Value (NTU)
Bottom	19.3	22.2	Mid-flood	C1	3.0	M1	8:29	3.6	3.9	<i><u>4.0</u></i>
Bottom	19.3	22.2	Mid-flood	C1	3.0	M2	8:17	3.6	3.9	<i><u>4.5</u></i>
Bottom	19.3	22.2	Mid-flood	C1	3.0	M4	8:12	3.6	3.9	<i><u>3.8</u></i>

Note: ***Bold Italic*** means Action Level exceedance
Bold Italic with underline means Limit Level exceedance

Date of Water Quality Monitoring: 13 November 2020

Part A – Exceedance Summary Tables

Table I: Parameter(s) – Dissolved Oxygen (DO) / Turbidity (TURB) / Suspended Solids (SS)

Tide	Control Station(s)	Depth	Measured Value at Control Station (mg/L)	Station(s)	Time (hrs)	Baseline Action Level (mg/L)	Baseline Limit Level (mg/L)	120% of Control Station Action Level (mg/L)	130% of Control Station Limit Level (mg/L)	Measured Value (mg/L)
Mid-Ebb	C2	surface	8.5	M1	9:40	6.2	7.4	10.1	11.0	6.6
Mid-Ebb	C2	surface	8.5	M3	10:00	6.2	7.4	10.1	11.0	6.7
Mid-Ebb	C2	surface	8.5	M4	9:21	6.2	7.4	10.1	11.0	<u>12.7</u>
Mid-Ebb	C2	bottom	10.8	M2	9:27	6.9	7.9	12.9	14.0	7.0
Mid-Ebb	C2	bottom	10.8	M5	10:22	6.9	7.9	12.9	14.0	<u>10.3</u>
Mid-Ebb	C2	intake	n.a.	M6	16:35	8.3	8.6	n.a.	n.a.	<u>36.1</u>
Mid-Flood	C1	surface	8.7	M1	15:59	6.2	7.4	10.4	11.3	<u>8.7</u>
Mid-Flood	C1	surface	8.7	M2	15:45	6.2	7.4	10.4	11.3	7.2
Mid-Flood	C1	surface	8.7	M4	9:21	6.2	7.4	10.4	11.3	<u>12.7</u>
Mid-Flood	C1	bottom	6.3	M1	15:59	6.9	7.9	7.5	8.1	<u>9.6</u>
Mid-Flood	C1	bottom	6.3	M2	15:45	6.9	7.9	7.5	8.1	<u>10.0</u>

Note: ***Bold Italic*** means Action Level exceedance
Bold Italic with underline means Limit Level exceedance

Contract No. CE 59/2015 (EP)
 Environmental Team for Tseung Kwan O – Lam Tin Tunnel
 Design and Construction
 - Notification of Environmental Quality Limit Exceedances

Date of Water Quality Monitoring: 13 November 2020

Part A – Exceedance Summary Tables

Table II: Parameter(s) – ~~Dissolved Oxygen (DO)~~ / Turbidity (TURB) / ~~Suspended Solids (SS)~~

Depth	Baseline Action Level (NTU)	Baseline Limit Level (NTU)	Tide	Control Station(s)	Measured Value at Control Station (NTU)	Station(s)	Time (hrs)	120% of Control Station Action Level (NTU)	130% of Control Station Limit Level (NTU)	Measured Value (NTU)
Bottom	19.3	22.2	Mid-Ebb	C2	2.8	M4	9:21	3.3	3.6	3.5

Note: ***Bold Italic*** means Action Level exceedance
Bold Italic with underline means Limit Level exceedance

Date of Water Quality Monitoring: 16 November 2020

Part A – Exceedance Summary Tables

Table I: Parameter(s) – Dissolved Oxygen (DO) / Turbidity (TURB) / Suspended Solids (SS)

Tide	Control Station(s)	Depth	Measured Value at Control Station (mg/L)	Station(s)	Time (hrs)	Baseline Action Level (mg/L)	Baseline Limit Level (mg/L)	120% of Control Station Action Level (mg/L)	130% of Control Station Limit Level (mg/L)	Measured Value (mg/L)
Mid-Ebb	C2	surface	14.5	M1	12:50	6.2	7.4	17.4	18.9	7.0
Mid-Ebb	C2	surface	14.5	M2	12:38	6.2	7.4	17.4	18.9	7.3
Mid-Ebb	C2	surface	14.5	M3	13:10	6.2	7.4	17.4	18.9	6.4
Mid-Ebb	C2	surface	14.5	M4	12:31	6.2	7.4	17.4	18.9	<u>8.1</u>
Mid-Ebb	C2	surface	14.5	M5	13:30	6.2	7.4	17.4	18.9	<u>8.4</u>
Mid-Ebb	C2	bottom	7.7	M1	12:50	6.9	7.9	9.2	9.9	<u>8.9</u>
Mid-Ebb	C2	bottom	7.7	M4	12:31	6.9	7.9	9.2	9.9	7.9
Mid-Ebb	C2	bottom	7.7	M5	13:30	6.9	7.9	9.2	9.9	<u>14.2</u>
Mid-Flood	C1	surface	4.5	M1	8:11	6.2	7.4	5.3	5.8	<u>6.2</u>
Mid-Flood	C1	surface	4.5	M2	7:58	6.2	7.4	5.3	5.8	<u>37.5</u>
Mid-Flood	C1	surface	4.5	M3	8:29	6.2	7.4	5.3	5.8	<u>6.9</u>
Mid-Flood	C1	surface	4.5	M4	12:31	6.2	7.4	5.3	5.8	<u>8.1</u>
Mid-Flood	C1	surface	4.5	M5	8:46	6.2	7.4	5.3	5.8	<u>8.0</u>
Mid-Flood	C1	bottom	6.9	M1	8:11	6.9	7.9	8.2	8.9	<u>8.6</u>
Mid-Flood	C1	bottom	6.9	M2	7:58	6.9	7.9	8.2	8.9	<u>17.0</u>
Mid-Flood	C1	bottom	6.9	M4	12:31	6.9	7.9	8.2	8.9	7.9
Mid-Flood	C1	bottom	6.9	M5	8:46	6.9	7.9	8.2	8.9	<u>11.1</u>
Mid-Flood	C1	intake	n.a.	M6	8:41	8.3	8.6	n.a.	n.a.	8.6

Note: ***Bold Italic*** means Action Level exceedance

Contract No. CE 59/2015 (EP)
 Environmental Team for Tseung Kwan O – Lam Tin Tunnel
 Design and Construction
 - Notification of Environmental Quality Limit Exceedances

Date of Water Quality Monitoring: 16 November 2020

Part A – Exceedance Summary Tables

Table I: Parameter(s) – ~~Dissolved Oxygen (DO)~~ / ~~Turbidity (TURB)~~ / Suspended Solids (SS)

Tide	Control Station(s)	Depth	Measured Value at Control Station (mg/L)	Station(s)	Time (hrs)	Baseline Action Level (mg/L)	Baseline Limit Level (mg/L)	120% of Control Station Action Level (mg/L)	130% of Control Station Limit Level (mg/L)	Measured Value (mg/L)
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Bold Italic with underline means Limit Level exceedance

Date of Water Quality Monitoring: 16 November 2020

Part A – Exceedance Summary Tables

Table II: Parameter(s) – ~~Dissolved Oxygen (DO)~~/ Turbidity (TURB) /~~Suspended Solids (SS)~~

Depth	Baseline Action Level (NTU)	Baseline Limit Level (NTU)	Tide	Control Station(s)	Measured Value at Control Station (NTU)	Station(s)	Time (hrs)	120% of Control Station Action Level (NTU)	130% of Control Station Limit Level (NTU)	Measured Value (NTU)
Bottom	19.3	22.2	Mid-Ebb	C2	3.2	M1	12:50	3.8	4.1	<u>5.2</u>
Bottom	19.3	22.2	Mid-flood	C1	2.5	M2	7:58	2.9	3.2	3.2
Bottom	19.3	22.2	Mid-flood	C1	2.5	M3	8:29	2.9	3.2	3.0

Note: ***Bold Italic*** means Action Level exceedance
Bold Italic with underline means Limit Level exceedance

Date of Water Quality Monitoring: 18 November 2020

Part A – Exceedance Summary Tables

Table I: Parameter(s) – Dissolved Oxygen (DO)/ Turbidity (TURB)/ Suspended Solids (SS)

Tide	Control Station(s)	Depth	Measured Value at Control Station (mg/L)	Station(s)	Time (hrs)	Baseline Action Level (mg/L)	Baseline Limit Level (mg/L)	120% of Control Station Action Level (mg/L)	130% of Control Station Limit Level (mg/L)	Measured Value (mg/L)
Mid-Ebb	C2	surface	9.4	M1	13:36	6.2	7.4	11.2	12.2	<u>7.8</u>
Mid-Ebb	C2	surface	9.4	M2	13:25	6.2	7.4	11.2	12.2	<u>9.7</u>
Mid-Ebb	C2	surface	9.4	M4	13:18	6.2	7.4	11.2	12.2	<u>8.0</u>
Mid-Ebb	C2	surface	9.4	M5	14:44	6.2	7.4	11.2	12.2	<u>37.8</u>
Mid-Ebb	C2	bottom	39.1	M1	13:36	6.9	7.9	46.9	50.8	<u>7.1</u>
Mid-Ebb	C2	bottom	39.1	M2	13:25	6.9	7.9	46.9	50.8	<u>7.2</u>
Mid-Ebb	C2	bottom	39.1	M4	13:18	6.9	7.9	46.9	50.8	<u>7.9</u>
Mid-Ebb	C2	bottom	39.1	M5	14:44	6.9	7.9	46.9	50.8	<u>8.1</u>
Mid-Flood	C1	surface	10.1	M1	9:43	6.2	7.4	12.1	13.1	<u>9.3</u>
Mid-Flood	C1	surface	10.1	M2	9:28	6.2	7.4	12.1	13.1	<u>8.7</u>
Mid-Flood	C1	surface	10.1	M3	10:13	6.2	7.4	12.1	13.1	<u>7.1</u>
Mid-Flood	C1	surface	10.1	M4	13:18	6.2	7.4	12.1	13.1	<u>8.0</u>
Mid-Flood	C1	surface	10.1	M5	10:40	6.2	7.4	12.1	13.1	<u>32.3</u>
Mid-Flood	C1	bottom	13.8	M2	9:28	6.9	7.9	16.5	17.9	<u>13.7</u>
Mid-Flood	C1	bottom	13.8	M4	13:18	6.9	7.9	16.5	17.9	<u>7.9</u>
Mid-Flood	C1	bottom	13.8	M5	10:40	6.9	7.9	16.5	17.9	<u>8.2</u>
Mid-Flood	C1	intake	n.a.	M6	10:28	8.3	8.6	n.a.	n.a.	<u>10.4</u>

Note: ***Bold Italic*** means Action Level exceedance
Bold Italic with underline means Limit Level exceedance

Date of Water Quality Monitoring: 18 November 2020

Part A – Exceedance Summary Tables

Table II: Parameter(s) – ~~Dissolved Oxygen (DO)~~ / ~~Turbidity (TURB)~~ / ~~Suspended Solids (SS)~~

Depth	Baseline Action Level (NTU)	Baseline Limit Level (NTU)	Tide	Control Station(s)	Measured Value at Control Station (NTU)	Station(s)	Time (hrs)	120% of Control Station Action Level (NTU)	130% of Control Station Limit Level (NTU)	Measured Value (NTU)
Bottom	19.3	22.2	Mid-Ebb	C2	1.8	M5	14:44	2.2	2.4	<u>2.5</u>

Note: ***Bold Italic*** means Action Level exceedance
Bold Italic with underline means Limit Level exceedance

Date of Water Quality Monitoring: 18 November 2020

Part A – Exceedance Summary Tables

Table I: Parameter(s) – ~~Dissolved Oxygen (DO)~~ / ~~Turbidity (TURB)~~ / Suspended Solids (SS)

Tide	Control Station(s)	Depth	Measured Value at Control Station (mg/L)	Station(s)	Time (hrs)	Baseline Action Level (mg/L)	Baseline Limit Level (mg/L)	120% of Control Station Action Level (mg/L)	130% of Control Station Limit Level (mg/L)	Measured Value (mg/L)
Mid-Flood	C1	surface	4.2	M1	15:27	6.2	7.4	5.0	5.5	<i><u>6.5</u></i>
Mid-Flood	C1	surface	4.2	M2	15:16	6.2	7.4	5.0	5.5	<i><u>5.8</u></i>
Mid-Flood	C1	surface	4.2	M5	16:10	6.2	7.4	5.0	5.5	<i><u>6.4</u></i>

Note: ***Bold Italic*** means Action Level exceedance
Bold Italic with underline means Limit Level exceedance

Date of Water Quality Monitoring: 23 November 2020

Part A – Exceedance Summary Tables

Table I: Parameter(s) – Dissolved Oxygen (DO) / Turbidity (TURB) / Suspended Solids (SS)

Tide	Control Station(s)	Depth	Measured Value at Control Station (mg/L)	Station(s)	Time (hrs)	Baseline Action Level (mg/L)	Baseline Limit Level (mg/L)	120% of Control Station Action Level (mg/L)	130% of Control Station Limit Level (mg/L)	Measured Value (mg/L)
Mid-Ebb	C2	surface	3.4	M3	14:01	6.2	7.4	4.0	4.4	<i>5.0</i>
Mid-Ebb	C2	bottom	1.8	M1	13:43	6.9	7.9	2.2	2.3	<i>2.4</i>
Mid-Ebb	C2	bottom	1.8	M2	13:33	6.9	7.9	2.2	2.3	<i>3.2</i>
Mid-Ebb	C2	bottom	1.8	M3	14:01	6.9	7.9	2.2	2.3	<i>3.1</i>
Mid-Ebb	C2	bottom	1.8	M4	13:27	6.9	7.9	2.2	2.3	<i>3.7</i>
Mid-Ebb	C2	bottom	1.8	M5	14:18	6.9	7.9	2.2	2.3	<i>3.4</i>
Mid-Flood	C1	surface	3.1	M2	8:18	6.2	7.4	3.7	4.0	<i>4.4</i>
Mid-Flood	C1	bottom	1.6	M1	8:26	6.9	7.9	1.9	2.0	<i>3.6</i>
Mid-Flood	C1	bottom	1.6	M2	8:18	6.9	7.9	1.9	2.0	<i>3.2</i>
Mid-Flood	C1	bottom	1.6	M3	8:42	6.9	7.9	1.9	2.0	<i>3.6</i>
Mid-Flood	C1	bottom	1.6	M4	13:27	6.9	7.9	1.9	2.0	<i>3.7</i>

Note: ***Bold Italic*** means Action Level exceedance
Bold Italic with underline means Limit Level exceedance

Date of Water Quality Monitoring: 25 November 2020

Part A – Exceedance Summary Tables

Table I: Parameter(s) – Dissolved Oxygen (DO) / Turbidity (TURB) / Suspended Solids (SS)

Tide	Control Station(s)	Depth	Measured Value at Control Station (mg/L)	Station(s)	Time (hrs)	Baseline Action Level (mg/L)	Baseline Limit Level (mg/L)	120% of Control Station Action Level (mg/L)	130% of Control Station Limit Level (mg/L)	Measured Value (mg/L)
Mid-Ebb	C2	surface	1.7	M4	14:32	6.2	7.4	2.0	2.2	<i><u>2.3</u></i>
Mid-Ebb	C2	surface	1.7	M5	15:23	6.2	7.4	2.0	2.2	<i><u>2.2</u></i>
Mid-Flood	C1	bottom	0.6	M1	9:25	6.9	7.9	0.7	0.8	<i><u>2.0</u></i>
Mid-Flood	C1	bottom	0.6	M2	9:16	6.9	7.9	0.7	0.8	<i><u>1.8</u></i>
Mid-Flood	C1	bottom	0.6	M3	9:40	6.9	7.9	0.7	0.8	<i><u>2.5</u></i>
Mid-Flood	C1	bottom	0.6	M4	14:32	6.9	7.9	0.7	0.8	<i><u>1.8</u></i>
Mid-Flood	C1	bottom	0.6	M5	9:55	6.9	7.9	0.7	0.8	<i><u>1.5</u></i>

Note: ***Bold Italic*** means Action Level exceedance
Bold Italic with underline means Limit Level exceedance

Date of Water Quality Monitoring: 27 November 2020

Part A – Exceedance Summary Tables

Table I: Parameter(s) – ~~Dissolved Oxygen (DO)~~ / ~~Turbidity (TURB)~~ / Suspended Solids (SS)

Tide	Control Station(s)	Depth	Measured Value at Control Station (mg/L)	Station(s)	Time (hrs)	Baseline Action Level (mg/L)	Baseline Limit Level (mg/L)	120% of Control Station Action Level (mg/L)	130% of Control Station Limit Level (mg/L)	Measured Value (mg/L)
Mid-Ebb	C2	bottom	3.3	M1	10:54	6.9	7.9	4.0	4.3	<i><u>4.1</u></i>

Note: ***Bold Italic*** means Action Level exceedance
Bold Italic with underline means Limit Level exceedance

Date of Water Quality Monitoring: 30 November 2020

Part A – Exceedance Summary Tables

Table I: Parameter(s) – ~~Dissolved Oxygen (DO)~~ / ~~Turbidity (TURB)~~ / Suspended Solids (SS)

Tide	Control Station(s)	Depth	Measured Value at Control Station (mg/L)	Station(s)	Time (hrs)	Baseline Action Level (mg/L)	Baseline Limit Level (mg/L)	120% of Control Station Action Level (mg/L)	130% of Control Station Limit Level (mg/L)	Measured Value (mg/L)
Mid-Ebb	C2	surface	3.9	M5	9:21	6.2	7.4	4.6	5.0	<i>4.8</i>

Note: ***Bold Italic*** means Action Level exceedance
Bold Italic with underline means Limit Level exceedance