APPENDIX 3.6

Emission Inventory

Emission Inventory for Gaseous Pollutant

	Source	Type	X	Y	Base Elevation	Length of X side	Length of Y Side	Exit Temperature	Exit velocity	Internal diameter	Stack Height / Release Height	Emission Rate				
												Nox	SO2	RSP	Vinyl Chloride	Benzene
	ID		(m)	(m)	(mpd)	(m)	(m)	(K)	(m/s)	(m)	(m)	(g/s)	(g/s)	(g/s) or (g/m^2/s)	(g/s)	(g/s)
WENT Extension	XTD1	POINT	810505.0	831360.4	6.6	-	-	740	7.06	2.33	19	6.786E-01	2.908E-02	-	2.058E-05	3.046E-05
	XTD2	POINT	810505.0	831350.4	6.6	-	-	740	7.06	2.33	19	6.786E-01	2.908E-02	-	2.058E-05	3.046E-05
	XFS1	POINT	810565.9	831329.3	6.6	-	-	1473	6.49	3.25	20	3.712E-01	2.273E-01	-	1.608E-04	2.381E-04
	XFS2	POINT	810573.9	831329.3	6.6	-	-	1473	6.49	3.25	20	3.712E-01	2.273E-01	-	1.608E-04	2.381E-04
	XFS3	POINT	810581.9	831329.3	6.6	-	-	1473	6.49	3.25	20	3.712E-01	2.273E-01		1.608E-04	2.381E-04
	XPG1	POINT	810550.2	831329.0	6.6	-	-	853	37.1	0.50	6	4.266E-02	4.847E-03	5.978E-02	3.430E-06	5.077E-06
	XPG2	POINT	810555.2	831329.0	6.6	-	-	853	37.1	0.50	6	4.266E-02	4.847E-03	5.978E-02	3.430E-06	5.077E-06
Existing WENT Landfill *	ETD1	POINT	810626.0	831358.0	6.6	-	-	740	3.92	2.33	19	3.770E-01	1.616E-02	-	1.143E-05	1.692E-05
	ETD2	POINT	810626.0	831348.0	6.6	-	-	740	3.92	2.33	19	3.770E-01	1.616E-02	-	1.143E-05	1.692E-05
	EFS1	POINT	810672.9	831465.9	6.6	-	-	1473	3.62	0.50	8.2	4.856E-03	2.973E-03	-	2.103E-06	3.114E-06
	EFS2	POINT	810680.9	831465.9	6.6	-	-	1473	3.62	0.50	8.2	4.856E-03	2.973E-03	-	2.103E-06	3.114E-06
	EFS3	POINT	810688.9	831465.9	6.6	-	-	1473	3.62	0.50	8.2	4.856E-03	2.973E-03		2.103E-06	3.114E-06
	EPG1	POINT	810657.6	831463.8	6.6	-	-	853	37.1	0.50	6	4.266E-02	4.847E-03	5.978E-02	3.430E-06	5.077E-06
	EPG2	POINT	810662.6	831463.8	6.6	-	-	853	37.1	0.50	6	4.266E-02	4.847E-03	5.978E-02	3.430E-06	5.077E-06
STF	STF1	POINT	810430.5	831460.1	6.5	-	-	463	15	1.30	65	2.843E+00	1.421E+00	2.132E-01	-	-
	STF2	POINT	810432.7	831460.1	6.5	-	-	463	15	1.30	65	2.843E+00	1.421E+00	2.132E-01	-	-
	STF3	POINT	810430.5	831457.9	6.5	-	-	463	15	1.30	65	2.843E+00	1.421E+00	2.132E-01	-	-
	STF4	POINT	810432.7	831457.9	6.5	-	-	463	15	1.30	65	2.843E+00	1.421E+00	2.132E-01	-	-
	STF5	POINT	810430.5	831455.7	6.5	-	-	463	15	1.30	65	2.843E+00	1.421E+00	2.132E-01	-	-
	STF6	POINT	810432.7	831455.7	6.5	-	-	463	15	1.30	65	2.843E+00	1.421E+00	2.132E-01	-	-
	STF7	POINT	810505.9	831427.4	6.5	-	-	298	8	0.15	2	-	-	-	-	-
	STF8	POINT	810413.8	831517.1	6.5	-	-	298	8	0.70	10	-	-	-	-	-
Green Island Cement	G1	AREA	810020.0	825545.0	7.0	1.50	2.00	-	-	-	17.2	-	-	5.981E-02	-	-
	G2	AREA	810035.0	825540.0	7.0	1.50	2.00	-	-	-	17.2	-	-	5.981E-02	-	-
	G3	AREA	810090.0	825510.0	7.0	0.37	0.42	-	-	-	16.0	-	-	1.546E-01	-	-
	G4	AREA	810190.0	825605.0	7.0	0.50	0.58	-	-	-	30.0	-	-	1.674E-01	-	-
	G5	AREA	810145.0	825550.0	7.0	0.50	0.70	-	-	-	32.0	-	-	1.373E-01	-	-
	G6	AREA	810190.0	825600.0	7.0	0.62	0.71	-	-	-	39.1	-	-	1.975E-01	-	-
	G7	AREA	810180.0	825605.0	7.0	0.28	0.33	-	-	-	32.8	-	-	1.653E-01	-	-
	G8	AREA	810195.0	825585.0	7.0	0.35	0.35	-	-	-	17.6	-	-	9.751E-02	-	-
	G9	AREA	810175.0	825750.0	7.0	0.50	0.52	-	-	-	59.8	-	-	1.528E-01	-	-
	G10	AREA	810170.0	825760.0	7.0	0.14	0.28	-	-	-	17.0	-	-	1.063E-01	-	-
	G11	AREA	810370.0	825835.0	7.0	0.28	0.32	-	-	-	24.5	-	-	2.015E-01	-	-
	G12	AREA	810375.0	825835.0	7.0	0.33	0.37	-	-	-	39.2	-	-	1.843E-01	-	-
	G13	AREA	810370.0	825860.0	7.0	0.28	0.32	-	-	-	61.1	-	-	1.612E-01	-	-
	G14	AREA	810345.0	825875.0	7.0	0.51	0.56	-	-	-	61.1	-	-	1.916E-01	-	-
	G15	AREA	810370.0	825860.0	7.0	0.55	1.07	-	-	-	24.5	-	-	2.558E-01	-	-
	G16	AREA	810375.0	825855.0	7.0	0.50	0.57	-	-	-	34.4	-	-	1.792E-01	-	-
	G17	AREA	810395.0	825910.0	7.0	1.07	0.55	-	-	-	25.5	-	-	2.558E-01	-	-
	G18	AREA	810370.0	825870.0	7.0	0.50	0.57	-	-	-	34.4	-	-	1.703E-01	-	-
	G19	AREA	810365.0	825875.0	7.0	0.13	0.28	-	-	-	25.5	-	-	1.679E-01	-	-
	G20	AREA	810390.0	825910.0	7.0	1.07	0.55	-	-	-	24.5	-	-	2.558E-01	-	-
	G21	AREA	810360.0	825885.0	7.0	0.50	0.57	-	-	-	34.4	-	-	1.703E-01	-	-
	G22	AREA	810215.0	825970.0	7.0	0.56	0.65	-	-	-	85.7	-	-	1.862E-01	-	-
	G23	AREA	810225.0	825960.0	7.0	0.56	0.65	-	-	-	85.7	-	-	1.603E-01	-	-
	G24	AREA	810205.0	825970.0	7.0	0.56	0.65	-	-	-	85.7	-	-	1.603E-01	-	-
	G25	AREA	810215.0	825945.0	7.0	0.56	0.65	-	-	-	85.7	-	-	1.603E-01	-	-
	G26	AREA	810205.0	825965.0	7.0	0.33	0.40	-	-	-	85.7	-	-	1.492E-01	-	-
	G27	AREA	810235.0	825925.0	7.0	0.50	0.57	-	-	-	30.3	-	-	1.329E-01	-	-
	G28	AREA	810220.0	825920.0	7.0	0.50	0.57	-	-	-	30.3	-	-	1.329E-01	-	-
	G29	AREA	810195.0	825960.0	7.0	0.45	0.52	-	-	-	13.0	-	-	8.403E-02	-	-
	G30	AREA	810200.0	825955.0	7.0	0.45	0.52	-	-	-	13.0	-	-	8.403E-02	-	-
	G31	AREA	810200.0	825950.0	7.0	0.45	0.52	-	-	-	13.0	-	-	1.597E-01	-	-
	G32	AREA	810205.0	825945.0	7.0	0.45	0.52	-	-	-	13.0	-	-	1.597E-01	-	-
	G33	AREA	809940.0	825665.0	7.0	0.21	0.41	-	-	-	16.9	-	-	1.710E-01	-	-
	G34	AREA	809940.0	825690.0	7.0	0.45	0.52	-	-	-	29.0	-	-	1.534E-01	-	-
	G35	AREA	810225.0	825820.0	7.0	0.50	0.58	-	-	-	30.2	-	-	1.577E-01	-	-
	G36	AREA	810365.0	825880.0	7.0	0.65	0.65	-	-	-	20.0	-	-	2.844E-02	-	-
	G39	AREA	810155.0	825625.0	7.0	0.30	0.33	-	-	-	28.6	-	-	1.543E-01	-	-
	G40	AREA	810245.0	825720.0	7.0	0.24	0.28	-	-	-	57.6	-	-	1.653E-01	-	-
	G41	AREA	810230.0	825740.0	7.0	0.46	0.53	-	-	-	40.3	-	-	1.593E-01	-	-
	G42	AREA	810195.0	825695.0	7.0	0.50	0.58	-	-	-	45.7	-	-	1.427E-01	-	-
	G43	AREA	810180.0	825725.0	7.0	0.38	0.43	-	-	-	53.3	-	-	1.447E-01	-	-
	G44	AREA	810200.0	825740.0	7.0	0.62	0.73	-	-	-	53.8	-	-	1.440E-01	-	-
	G45	AREA	810190.0	825700.0	7.0	0.19	0.28	-	-	-	35.5	-	-	1.514E-01	-	-
	G47	AREA	810200.0	825720.0	7.0	0.41	0.47	-	-	-	19.5	-	-	1.431E-01	-	-
	G48	AREA	810135.0	825555.0	7.0	0.60	0.45	-	-	-	17.4	-	-	1.327E-01	-	-
	G50	AREA	810215.0	825970.0	7.0	0.29	0.23	-	-	-	24.7	-	-	7.093E-02	-	-
	G51	AREA	810375.0	825805.0	7.0	1.10	1.10	-	-	-	26.4	-	-	1.132E-01	-	-
	G52	AREA	810380.0	825835.0	7.0	0.84	0.84	-	-	-	30.9	-	-	5.119E-02	-	-
	G56	AREA	810250.0	825770.0	7.0	1.00	2.00	-	-	-	72.2	-	-	4.042E-02	-	-
	G57	AREA	810330.0	825840.0	7.0	1.26	1.26	-	-	-	31.2	-	-	2.166E-01	-	-
	G58	POINT	810255.0	825770.0	7.0	-	-	383.0	20.9	3.10	113.0	1.117E+02	3.167E+01	5.583E+00	-	-
	G60	POINT	810230.0	825765.0	7.0	-	-	338.0	14	1.20	113.0	-	-	1.314E-01	-	-
	G61	AREA	810230.0	825935.0	7.0	0.89	0.89	-	-	-	32.0	-	-	7.674E-02	-	-
	G62	AREA	809950.0	825580.0	7.0	1.50	2.00	-	-	-	17.2	-	-	5.981E-02	-	-
	G63	AREA	809940.0	825585.0	7.0	1.50	2.00	-	-	-	17.2	-	-	5.981E-02	-	-
	G66	AREA	810375.0	825850.0	7.0	0.32	0.80	-	-	-	63.0	-	-	1.213E-01	-	-
	G67	AREA	810170.0	825745.0	7.0	0.77	0.77	-	-	-	27.8	-	-	3.796E-02	-	-
	G68	AREA	810170.0	825690.0	7.0	0.77	0.77	-	-	-	29.8	-	-	3.796E-02	-	-
	G69	AREA	810335.0	825815.0	7.0	0.60	1.00	-	-	-	15.5	-	-	1.542E-01	-	-
	G70	AREA	809950.0	825700.0	7.0	0.77	0.77	-	-	-	25.9	-	-	9.815E-02	-	-
	G71	AREA	809935.0	825670.0	7.0	0.77	0.77	-	-	-	24.4	-	-	2.037E-02	-	-
	G72	AREA	810240.0	825940.0	7.0	0.77	0.77	-	-	-	16.9	-	-	5.324E-02	-	-
	G73	AREA	810355.0	825855.0	7.0	0.90	3.00	-	-	-	78.8	-	-	1.626E-02	-	-
	G75	AREA	810030.0	825615.0	7.0	0.48	0.48	-	-	-	2.9	-	-	3.865E-02	-	-

Note * The exit velocities of ETD1-ETD2, and EFS1-EFS3 are calculated based on the information of WENT Extension on pro rata basis. Since the configuration of the power generator and the inlet LFG flow rate of the Existing WENT Landfill are identical to those of the WENT Extension, the exit velocities of EPG1-EPG2 are therefore unchanged.

For emissions from Flare System (EFS1-EFS3), the landfill gas generation rate of the existing WENT Landfill will be very low during the peak generation rate in WENT Extension. As advised by the engineer, a cap would be installed at the exit of the stacks to reduce the exit diameter to 0.5m to ensure a reasonable exhaust gas exit velocity. It should be noted that the original stack diameter of the Flare System is 2.0m.

	Source	Type	X	Y	Base Elevation	Length of X side	Length of Y Side	Exit Temperature	Exit velocity	Internal diameter	Stack Height / Release Height	Emission Rate				
												Nox	SO2	RSP	Vinyl Chloride	Benzene
	ID		(m)	(m)	(mpd)	(m)	(m)	(K)	(m/s)	(m)	(m)	(g/s)	(g/s)	(g/s) or (g/m^2/s)	(g/s)	(g/s)
Eco Park in Tuen Mun Area 38	E2	POINT	810997.7	825415.2	7.0	-	-	353.0	9	1.00	30	6.000E+00	1.740E+00	5.609E-01	-	-
	E2b	POINT	810997.7	825415.2	7.0	-	-	296.5	9	1.00	30	-	-	1.966E-02	-	-
	E2c	POINT	810997.7	825415.2	7.0	-	-	296.5	16.4	0.25	6	-	-	-	-	-
Shiu Wing Steel Mill (SWSM)	Sw1	POINT	810243.3	825593.1	7.0	-	-	340.0	20	3.75	35	5.590E+00	-	1.780E+00	-	-
	Sw2	POINT	810309.5	825446.3	7.0	-	-	393.0	15	2.09	35	4.890E+00	8.070E+00	2.300E-01	-	-
	Sw3	AREA	810421.7	825576.3	7.0	20.00	20.00	-	-	-	18	-	-	4.500E-04	-	-
	Sw4	AREA	810523.0	825671.6	7.0	50.00	50.00	-	-	-	2	-	-	7.480E-05	-	-
	Sw5	AREA	810251.8	825514.6	7.0	25.00	25.00	-	-	-	5	-	-	8.000E-05	-	-
	Sw6	AREA	810331.0	825513.5	7.0	20.00	20.00	-	-	-	5	-	-	1.125E-04	-	-
Marine Emission (IETS Vessel During Maneuvering)	MARa1	POINT	809097.8	831413.5	0	-	-	530.5	8	0.30	8	1.057E-02	1.009E-04	1.153E-04	-	-
	MARa2	POINT	809145.3	831429.1	0	-	-	530.5	8	0.30	8	1.057E-02	1.009E-04	1.153E-04	-	-
	MARa3	POINT	809192.8	831444.8	0	-	-	530.5	8	0.30	8	1.057E-02	1.009E-04	1.153E-04	-	-
	MARa4	POINT	809240.3	831460.4	0	-	-	530.5	8	0.30	8	1.057E-02	1.009E-04	1.153E-04	-	-
	MARa5	POINT	809287.8	831476.1	0	-	-	530.5	8	0.30	8	1.057E-02	1.009E-04	1.153E-04	-	-
	MARa6	POINT	809335.8	831489.9	0	-	-	530.5	8	0.30	8	1.057E-02	1.009E-04	1.153E-04	-	-
	MARa7	POINT	809383.8	831503.8	0	-	-	530.5	8	0.30	8	1.057E-02	1.009E-04	1.153E-04	-	-
	MARa8	POINT	809431.9	831517.7	0	-	-	530.5	8	0.30	8	1.057E-02	1.009E-04	1.153E-04	-	-
	MARa9	POINT	809479.9	831531.5	0	-	-	530.5	8	0.30	8	1.057E-02	1.009E-04	1.153E-04	-	-
	MARa10	POINT	809527.4	831547.2	0	-	-	530.5	8	0.30	8	1.057E-02	1.009E-04	1.153E-04	-	-
	MARa11	POINT	809574.9	831562.9	0	-	-	530.5	8	0.30	8	1.057E-02	1.009E-04	1.153E-04	-	-
	MARa12	POINT	809622.3	831578.6	0	-	-	530.5	8	0.30	8	1.057E-02	1.009E-04	1.153E-04	-	-
	MARa13	POINT	809669.8	831594.3	0	-	-	530.5	8	0.30	8	1.057E-02	1.009E-04	1.153E-04	-	-
	MARa14	POINT	809717.6	831608.9	0	-	-	530.5	8	0.30	8	1.057E-02	1.009E-04	1.153E-04	-	-
	MARa15	POINT	809765.5	831623.4	0	-	-	530.5	8	0.30	8	1.057E-02	1.009E-04	1.153E-04	-	-
	MARa16	POINT	809813.3	831638.0	0	-	-	530.5	8	0.30	8	1.057E-02	1.009E-04	1.153E-04	-	-
	MARa17	POINT	809861.1	831652.5	0	-	-	530.5	8	0.30	8	1.057E-02	1.009E-04	1.153E-04	-	-
	MARa18	POINT	809908.9	831667.2	0	-	-	530.5	8	0.30	8	1.057E-02	1.009E-04	1.153E-04	-	-
	MARa19	POINT	809956.7	831681.9	0	-	-	530.5	8	0.30	8	1.057E-02	1.009E-04	1.153E-04	-	-
	MARa20	POINT	810004.5	831696.5	0	-	-	530.5	8	0.30	8	1.057E-02	1.009E-04	1.153E-04	-	-
	MARa21	POINT	810052.3	831711.2	0	-	-	530.5	8	0.30	8	1.057E-02	1.009E-04	1.153E-04	-	-
	MARa22	POINT	810100.1	831725.9	0	-	-	530.5	8	0.30	8	1.057E-02	1.009E-04	1.153E-04	-	-
	MARa23	POINT	810149.9	831731.1	0	-	-	530.5	8	0.30	8	1.057E-02	1.009E-04	1.153E-04	-	-
	MARa24	POINT	810199.6	831736.3	0	-	-	530.5	8	0.30	8	1.057E-02	1.009E-04	1.153E-04	-	-
	MARa25	POINT	810249.3	831741.5	0	-	-	530.5	8	0.30	8	1.057E-02	1.009E-04	1.153E-04	-	-
	MARa26	POINT	810299.1	831746.7	0	-	-	530.5	8	0.30	8	1.057E-02	1.009E-04	1.153E-04	-	-
	MARa27	POINT	810348.8	831751.9	0	-	-	530.5	8	0.30	8	1.057E-02	1.009E-04	1.153E-04	-	-
	MARa28	POINT	810398.5	831757.0	0	-	-	530.5	8	0.30	8	1.057E-02	1.009E-04	1.153E-04	-	-
	MARa29	POINT	810448.3	831762.2	0	-	-	530.5	8	0.30	8	1.057E-02	1.009E-04	1.153E-04	-	-
	MARa30	POINT	810498.0	831767.4	0	-	-	530.5	8	0.30	8	1.057E-02	1.009E-04	1.153E-04	-	-
	MARa31	POINT	810548.0	831765.7	0	-	-	530.5	8	0.30	8	1.057E-02	1.009E-04	1.153E-04	-	-
	MARa32	POINT	810597.9	831764.1	0	-	-	530.5	8	0.30	8	1.057E-02	1.009E-04	1.153E-04	-	-
	MARa33	POINT	810647.9	831762.4	0	-	-	530.5	8	0.30	8	1.057E-02	1.009E-04	1.153E-04	-	-
	MARa34	POINT	810697.9	831761.7	0	-	-	530.5	8	0.30	8	1.057E-02	1.009E-04	1.153E-04	-	-
	MARa35	POINT	810747.9	831761.0	0	-	-	530.5	8	0.30	8	1.057E-02	1.009E-04	1.153E-04	-	-
	MARa36	POINT	810797.9	831760.3	0	-	-	530.5	8	0.30	8	1.057E-02	1.009E-04	1.153E-04	-	-
	MARa37	POINT	810847.9	831759.7	0	-	-	530.5	8	0.30	8	1.057E-02	1.009E-04	1.153E-04	-	-
	MARa38	POINT	810897.7	831763.4	0	-	-	530.5	8	0.30	8	1.057E-02	1.009E-04	1.153E-04	-	-
	MARa39	POINT	810947.6	831767.1	0	-	-	530.5	8	0.30	8	1.057E-02	1.009E-04	1.153E-04	-	-
	MARa40	POINT	810997.5	831770.8	0	-	-	530.5	8	0.30	8	1.057E-02	1.009E-04	1.153E-04	-	-
	MARa41	POINT	811047.3	831774.5	0	-	-	530.5	8	0.30	8	1.057E-02	1.009E-04	1.153E-04	-	-
Marine Emission (IWTS Vessel During Maneuvering)	MARb1	POINT	809097.8	831413.5	0	-	-	493	8	0.30	8	1.057E-02	1.009E-04	1.153E-04	-	-
	MARb2	POINT	809145.3	831429.1	0	-	-	493	8	0.30	8	1.057E-02	1.009E-04	1.153E-04	-	-
	MARb3	POINT	809192.8	831444.8	0	-	-	493	8	0.30	8	1.057E-02	1.009E-04	1.153E-04	-	-
	MARb4	POINT	809240.3	831460.4	0	-	-	493	8	0.30	8	1.057E-02	1.009E-04	1.153E-04	-	-
	MARb5	POINT	809287.8	831476.1	0	-	-	493	8	0.30	8	1.057E-02	1.009E-04	1.153E-04	-	-
	MARb6	POINT	809335.8	831489.9	0	-	-	493	8	0.30	8	1.057E-02	1.009E-04	1.153E-04	-	-
	MARb7	POINT	809383.8	831503.8	0	-	-	493	8	0.30	8	1.057E-02	1.009E-04	1.153E-04	-	-
	MARb8	POINT	809431.9	831517.7	0	-	-	493	8	0.30	8	1.057E-02	1.009E-04	1.153E-04	-	-
	MARb9	POINT	809479.9	831531.5	0	-	-	493	8	0.30	8	1.057E-02	1.009E-04	1.153E-04	-	-
	MARb10	POINT	809527.4	831547.2	0	-	-	493	8	0.30	8	1.057E-02	1.009E-04	1.153E-04	-	-
	MARb11	POINT	809574.9	831562.9	0	-	-	493	8	0.30	8	1.057E-02	1.009E-04	1.153E-04	-	-
	MARb12	POINT	809622.3	831578.6	0	-	-	493	8	0.30	8	1.057E-02	1.009E-04	1.153E-04	-	-
	MARb13	POINT	809669.8	831594.3	0	-	-	493	8	0.30	8	1.057E-02	1.009E-04	1.153E-04	-	-
	MARb14	POINT	809717.6	831608.9	0	-	-	493	8	0.30	8	1.057E-02	1.009E-04	1.153E-04	-	-
	MARb15	POINT	809765.5	831623.4	0	-	-	493	8	0.30	8	1.057E-02	1.009E-04	1.153E-04	-	-
	MARb16	POINT	809813.3	831638.0	0	-	-	493	8	0.30	8	1.057E-02	1.009E-04	1.153E-04	-	-
	MARb17	POINT	809861.1	831652.5	0	-	-	493	8	0.30	8	1.057E-02	1.009E-04	1.153E-04	-	-
	MARb18	POINT	809908.9	831667.2	0	-	-	493	8	0.30	8	1.057E-02	1.009E-04	1.153E-04	-	-
	MARb19	POINT	809956.7	831681.9	0	-	-	493	8	0.30	8	1.057E-02	1.009E-04	1.153E-04	-	-
	MARb20	POINT	810004.5	831696.5	0	-	-	493	8	0.30	8	1.057E-02	1.009E-04	1.153E-04	-	-
	MARb21	POINT	810052.3	831711.2	0	-	-	493	8	0.30	8	1.057E-02	1.009E-04	1.153E-04	-	-
	MARb22	POINT	810100.1	831725.9	0	-	-	493	8	0.30	8	1.057E-02	1.009E-04	1.153E-04	-	-
	MARb23	POINT	810149.9	831731.1	0	-	-	493	8	0.30	8	1.057E-02	1.009E-04	1.153E-04	-	-
	MARb24	POINT	810199.6	831736.3	0	-	-	493	8	0.30	8	1.057E-02	1.009E-04	1.153E-04	-	-
	MARb25	POINT	810249.3	831741.5	0	-	-	493	8	0.30	8	1.057E-02	1.009E-04	1.153E-04	-	-
	MARb26	POINT	810299.1	831746.7	0	-	-	493	8	0.30	8	1.057E-02	1.009E-04	1.153E-04	-	-
	MARb27	POINT	810348.8	831751.9	0	-	-	493	8	0.30	8	1.057E-02	1.009E-04	1.153E-04	-	-
	MARb28	POINT	810398.5	831757.0	0	-	-	493	8	0.30	8	1.057E-02	1.009E-04	1.153E-04	-	-
	MARb29	POINT	810448.3	831762.2	0	-	-	493	8	0.30	8	1.057E-02	1.009E-04	1.153E-04	-	-
	MARb30	POINT	810498.0	831767.4	0	-	-	493	8	0.30	8	1.057E-02	1.009E-04	1.153E-04	-	-
	MARb31	POINT	810548.0	831765.7	0	-	-	493	8	0.30	8	1.057E-02	1.009E-04	1.153E-04	-	-
	MARb32	POINT	810597.9	831764.1	0	-	-	493	8	0.30	8	1.057E-02	1.009E-04	1.153E-04	-	-
	MARb33	POINT	810647.9	831762.4	0	-	-	493	8	0.30	8	1.057E-02	1.009E-04	1.153E-04	-	-
	MARb34	POINT	810697.9	831761.7	0	-	-	493	8	0.30	8	1.057E-02	1.009E-04	1.153E-04	-	-
	MARb35	POINT	810747.9	831761.0	0	-	-	493	8	0.30	8	1.057E-02	1.009E-04	1.153E-04	-	-
	MARb36	POINT	810797.9	831760.3	0	-	-	493	8	0.30	8	1.057E-02	1.009E-04	1.153E-04	-	-
	MARb37	POINT	810847.9	831759.7	0	-	-	493	8	0.30	8	1.057E-02	1.009E-04	1.153E-04	-	-
	MARb38	POINT	810897.7	831763.4	0	-	-	493	8	0.30	8	1.057E-02	1.009E-04	1.153E-04	-	-
	MARb39	POINT	810947.6	831767.1	0	-	-	493	8	0.30	8	1.057E-02	1.009E-04	1.153E-04	-	-
	MARb40	POINT	810997.5	831770.8	0	-	-	493	8	0.30	8	1.057E-02	1.009E-04	1.153E-04	-	-
	MARb41	POINT	811047.3	831774.5	0	-	-	493	8	0.30	8	1.057E-02	1.009E-04	1.153E-04	-	-

	Source	Type	X	Y	Base Elevation	Length of X side	Length of Y Side	Exit Temperature	Exit velocity	Internal diameter	Stack Height / Release Height	Emission Rate				
												Nox	SO2	RSP	Vinyl Chloride	Benzene
	ID		(m)	(m)	(mpd)	(m)	(m)	(K)	(m/s)	(m)	(m)	(g/s)	(g/s)	(g/s) or (g/m^2/s)	(g/s)	(g/s)
Marine Emission (OITF Vessel During Maneuvering)	MARc1	POINT	809097.8	831413.5	0	-	-	425	8	0.20	3.5	5.808E-03	5.544E-05	6.336E-05	-	-
	MARc2	POINT	809145.3	831429.1	0	-	-	425	8	0.20	3.5	5.808E-03	5.544E-05	6.336E-05	-	-
	MARc3	POINT	809192.8	831444.8	0	-	-	425	8	0.20	3.5	5.808E-03	5.544E-05	6.336E-05	-	-
	MARc4	POINT	809240.3	831460.4	0	-	-	425	8	0.20	3.5	5.808E-03	5.544E-05	6.336E-05	-	-
	MARc5	POINT	809287.8	831476.1	0	-	-	425	8	0.20	3.5	5.808E-03	5.544E-05	6.336E-05	-	-
	MARc6	POINT	809335.8	831489.9	0	-	-	425	8	0.20	3.5	5.808E-03	5.544E-05	6.336E-05	-	-
	MARc7	POINT	809383.8	831503.8	0	-	-	425	8	0.20	3.5	5.808E-03	5.544E-05	6.336E-05	-	-
	MARc8	POINT	809431.9	831517.7	0	-	-	425	8	0.20	3.5	5.808E-03	5.544E-05	6.336E-05	-	-
	MARc9	POINT	809479.9	831531.5	0	-	-	425	8	0.20	3.5	5.808E-03	5.544E-05	6.336E-05	-	-
	MARc10	POINT	809527.4	831547.2	0	-	-	425	8	0.20	3.5	5.808E-03	5.544E-05	6.336E-05	-	-
	MARc11	POINT	809574.9	831562.9	0	-	-	425	8	0.20	3.5	5.808E-03	5.544E-05	6.336E-05	-	-
	MARc12	POINT	809622.3	831578.6	0	-	-	425	8	0.20	3.5	5.808E-03	5.544E-05	6.336E-05	-	-
	MARc13	POINT	809669.8	831594.3	0	-	-	425	8	0.20	3.5	5.808E-03	5.544E-05	6.336E-05	-	-
	MARc14	POINT	809717.6	831608.9	0	-	-	425	8	0.20	3.5	5.808E-03	5.544E-05	6.336E-05	-	-
	MARc15	POINT	809765.5	831623.4	0	-	-	425	8	0.20	3.5	5.808E-03	5.544E-05	6.336E-05	-	-
	MARc16	POINT	809813.3	831638.0	0	-	-	425	8	0.20	3.5	5.808E-03	5.544E-05	6.336E-05	-	-
	MARc17	POINT	809861.1	831652.5	0	-	-	425	8	0.20	3.5	5.808E-03	5.544E-05	6.336E-05	-	-
	MARc18	POINT	809908.9	831667.2	0	-	-	425	8	0.20	3.5	5.808E-03	5.544E-05	6.336E-05	-	-
	MARc19	POINT	809956.7	831681.9	0	-	-	425	8	0.20	3.5	5.808E-03	5.544E-05	6.336E-05	-	-
	MARc20	POINT	810004.5	831696.5	0	-	-	425	8	0.20	3.5	5.808E-03	5.544E-05	6.336E-05	-	-
	MARc21	POINT	810052.3	831711.2	0	-	-	425	8	0.20	3.5	5.808E-03	5.544E-05	6.336E-05	-	-
	MARc22	POINT	810100.1	831725.9	0	-	-	425	8	0.20	3.5	5.808E-03	5.544E-05	6.336E-05	-	-
	MARc23	POINT	810149.9	831731.1	0	-	-	425	8	0.20	3.5	5.808E-03	5.544E-05	6.336E-05	-	-
	MARc24	POINT	810199.6	831736.3	0	-	-	425	8	0.20	3.5	5.808E-03	5.544E-05	6.336E-05	-	-
	MARc25	POINT	810249.3	831741.5	0	-	-	425	8	0.20	3.5	5.808E-03	5.544E-05	6.336E-05	-	-
	MARc26	POINT	810299.1	831746.7	0	-	-	425	8	0.20	3.5	5.808E-03	5.544E-05	6.336E-05	-	-
	MARc27	POINT	810348.8	831751.9	0	-	-	425	8	0.20	3.5	5.808E-03	5.544E-05	6.336E-05	-	-
	MARc28	POINT	810398.5	831757.0	0	-	-	425	8	0.20	3.5	5.808E-03	5.544E-05	6.336E-05	-	-
	MARc29	POINT	810448.3	831762.2	0	-	-	425	8	0.20	3.5	5.808E-03	5.544E-05	6.336E-05	-	-
	MARc30	POINT	810498.0	831767.4	0	-	-	425	8	0.20	3.5	5.808E-03	5.544E-05	6.336E-05	-	-
	MARc31	POINT	810548.0	831765.7	0	-	-	425	8	0.20	3.5	5.808E-03	5.544E-05	6.336E-05	-	-
	MARc32	POINT	810597.9	831764.1	0	-	-	425	8	0.20	3.5	5.808E-03	5.544E-05	6.336E-05	-	-
	MARc33	POINT	810647.9	831762.4	0	-	-	425	8	0.20	3.5	5.808E-03	5.544E-05	6.336E-05	-	-
	MARc34	POINT	810697.9	831761.7	0	-	-	425	8	0.20	3.5	5.808E-03	5.544E-05	6.336E-05	-	-
	MARc35	POINT	810747.9	831761.0	0	-	-	425	8	0.20	3.5	5.808E-03	5.544E-05	6.336E-05	-	-
	MARc36	POINT	810797.9	831760.3	0	-	-	425	8	0.20	3.5	5.808E-03	5.544E-05	6.336E-05	-	-
	MARc37	POINT	810847.9	831759.7	0	-	-	425	8	0.20	3.5	5.808E-03	5.544E-05	6.336E-05	-	-
	MARc38	POINT	810897.7	831763.4	0	-	-	425	8	0.20	3.5	5.808E-03	5.544E-05	6.336E-05	-	-
	MARc39	POINT	810947.6	831767.1	0	-	-	425	8	0.20	3.5	5.808E-03	5.544E-05	6.336E-05	-	-
	MARc40	POINT	810997.5	831770.8	0	-	-	425	8	0.20	3.5	5.808E-03	5.544E-05	6.336E-05	-	-
	MARc41	POINT	811047.3	831774.5	0	-	-	425	8	0.20	3.5	5.808E-03	5.544E-05	6.336E-05	-	-
Marine Emission (North Lantau Vessel During Maneuvering from propulsion engine)	MARd1	POINT	809097.8	831413.5	0	-	-	699	8	0.20	11	7.664E-03	7.316E-05	8.361E-05	-	-
	MARd2	POINT	809145.3	831429.1	0	-	-	699	8	0.20	11	7.664E-03	7.316E-05	8.361E-05	-	-
	MARd3	POINT	809192.8	831444.8	0	-	-	699	8	0.20	11	7.664E-03	7.316E-05	8.361E-05	-	-
	MARd4	POINT	809240.3	831460.4	0	-	-	699	8	0.20	11	7.664E-03	7.316E-05	8.361E-05	-	-
	MARd5	POINT	809287.8	831476.1	0	-	-	699	8	0.20	11	7.664E-03	7.316E-05	8.361E-05	-	-
	MARd6	POINT	809335.8	831489.9	0	-	-	699	8	0.20	11	7.664E-03	7.316E-05	8.361E-05	-	-
	MARd7	POINT	809383.8	831503.8	0	-	-	699	8	0.20	11	7.664E-03	7.316E-05	8.361E-05	-	-
	MARd8	POINT	809431.9	831517.7	0	-	-	699	8	0.20	11	7.664E-03	7.316E-05	8.361E-05	-	-
	MARd9	POINT	809479.9	831531.5	0	-	-	699	8	0.20	11	7.664E-03	7.316E-05	8.361E-05	-	-
	MARd10	POINT	809527.4	831547.2	0	-	-	699	8	0.20	11	7.664E-03	7.316E-05	8.361E-05	-	-
	MARd11	POINT	809574.9	831562.9	0	-	-	699	8	0.20	11	7.664E-03	7.316E-05	8.361E-05	-	-
	MARd12	POINT	809622.3	831578.6	0	-	-	699	8	0.20	11	7.664E-03	7.316E-05	8.361E-05	-	-
	MARd13	POINT	809669.8	831594.3	0	-	-	699	8	0.20	11	7.664E-03	7.316E-05	8.361E-05	-	-
	MARd14	POINT	809717.6	831608.9	0	-	-	699	8	0.20	11	7.664E-03	7.316E-05	8.361E-05	-	-
	MARd15	POINT	809765.5	831623.4	0	-	-	699	8	0.20	11	7.664E-03	7.316E-05	8.361E-05	-	-
	MARd16	POINT	809813.3	831638.0	0	-	-	699	8	0.20	11	7.664E-03	7.316E-05	8.361E-05	-	-
	MARd17	POINT	809861.1	831652.5	0	-	-	699	8	0.20	11	7.664E-03	7.316E-05	8.361E-05	-	-
	MARd18	POINT	809908.9	831667.2	0	-	-	699	8	0.20	11	7.664E-03	7.316E-05	8.361E-05	-	-
	MARd19	POINT	809956.7	831681.9	0	-	-	699	8	0.20	11	7.664E-03	7.316E-05	8.361E-05	-	-
	MARd20	POINT	810004.5	831696.5	0	-	-	699	8	0.20	11	7.664E-03	7.316E-05	8.361E-05	-	-
	MARd21	POINT	810052.3	831711.2	0	-	-	699	8	0.20	11	7.664E-03	7.316E-05	8.361E-05	-	-
	MARd22	POINT	810100.1	831725.9	0	-	-	699	8	0.20	11	7.664E-03	7.316E-05	8.361E-05	-	-
	MARd23	POINT	810149.9	831731.1	0	-	-	699	8	0.20	11	7.664E-03	7.316E-05	8.361E-05	-	-
	MARd24	POINT	810199.6	831736.3	0	-	-	699	8	0.20	11	7.664E-03	7.316E-05	8.361E-05	-	-
	MARd25	POINT	810249.3	831741.5	0	-	-	699	8	0.20	11	7.664E-03	7.316E-05	8.361E-05	-	-
	MARd26	POINT	810299.1	831746.7	0	-	-	699	8	0.20	11	7.664E-03	7.316E-05	8.361E-05	-	-
	MARd27	POINT	810348.8	831751.9	0	-	-	699	8	0.20	11	7.664E-03	7.316E-05	8.361E-05	-	-
	MARd28	POINT	810398.5	831757.0	0	-	-	699	8	0.20	11	7.664E-03	7.316E-05	8.361E-05	-	-
	MARd29	POINT	810448.3	831762.2	0	-	-	699	8	0.20	11	7.664E-03	7.316E-05	8.361E-05	-	-
	MARd30	POINT	810498.0	831767.4	0	-	-	699	8	0.20	11	7.664E-03	7.316E-05	8.361E-05	-	-
	MARd31	POINT	810548.0	831765.7	0	-	-	699	8	0.20	11	7.664E-03	7.316E-05	8.361E-05	-	-
	MARd32	POINT	810597.9	831764.1	0	-	-	699	8	0.20	11	7.664E-03	7.316E-05	8.361E-05	-	-
	MARd33	POINT	810647.9	831762.4	0	-	-	699	8	0.20	11	7.664E-03	7.316E-05	8.361E-05	-	-
	MARd34	POINT	810697.9	831761.7	0	-	-	699	8	0.20	11	7.664E-03	7.316E-05	8.361E-05	-	-
	MARd35	POINT	810747.9	831761.0	0	-	-	699	8	0.20	11	7.664E-03	7.316E-05	8.361E-05	-	-
	MARd36	POINT	810797.9	831760.3	0	-	-	699	8	0.20	11	7.664E-03	7.316E-05	8.361E-05	-	-
	MARd37	POINT	810847.9	831759.7	0	-	-	699	8	0.20	11	7.664E-03	7.316E-05	8.361E-05	-	-
	MARd38	POINT	810897.7	831763.4	0	-	-	699	8	0.20	11	7.664E-03	7.316E-05	8.361E-05	-	-
	MARd39	POINT	810947.6	831767.1	0	-	-	699	8	0.20	11	7.664E-03	7.316E-05	8.361E-05	-	-
	MARd40	POINT	810997.5	831770.8	0	-	-	699	8	0.20	11	7.664E-03	7.316E-05	8.361E-05	-	-
	MARd41	POINT	811047.3	831774.5	0	-	-	699	8	0.20	11	7.664E-03	7.316E-05	8.361E-05	-	-

	Source ID	Type	X (m)	Y (m)	Base Elevation (mpd)	Length of X side (m)	Length of Y Side (m)	Exit Temperature (K)	Exit velocity (m/s)	Internal diameter (m)	Stack Height / Release Height (m)	Emission Rate Nox (g/s)	SO2 (g/s)	RSP (g/s) or (g/m²/s)	Vinyl Chloride (g/s)	Benzene (g/s)
Marine Emission (North Lantau Vessel During Maneuvering from auxiliary engine)	MARe1	POINT	809097.8	831413.5	0	-	-	588	8	0.20	11	3.230E-03	3.083E-05	3.524E-05	-	-
	MARe2	POINT	809145.3	831429.1	0	-	-	588	8	0.20	11	3.230E-03	3.083E-05	3.524E-05	-	-
	MARe3	POINT	809192.8	831444.8	0	-	-	588	8	0.20	11	3.230E-03	3.083E-05	3.524E-05	-	-
	MARe4	POINT	809240.3	831460.4	0	-	-	588	8	0.20	11	3.230E-03	3.083E-05	3.524E-05	-	-
	MARe5	POINT	809287.8	831476.1	0	-	-	588	8	0.20	11	3.230E-03	3.083E-05	3.524E-05	-	-
	MARe6	POINT	809335.8	831489.9	0	-	-	588	8	0.20	11	3.230E-03	3.083E-05	3.524E-05	-	-
	MARe7	POINT	809383.8	831503.8	0	-	-	588	8	0.20	11	3.230E-03	3.083E-05	3.524E-05	-	-
	MARe8	POINT	809431.9	831517.7	0	-	-	588	8	0.20	11	3.230E-03	3.083E-05	3.524E-05	-	-
	MARe9	POINT	809479.9	831531.5	0	-	-	588	8	0.20	11	3.230E-03	3.083E-05	3.524E-05	-	-
	MARe10	POINT	809527.4	831547.2	0	-	-	588	8	0.20	11	3.230E-03	3.083E-05	3.524E-05	-	-
	MARe11	POINT	809574.9	831562.9	0	-	-	588	8	0.20	11	3.230E-03	3.083E-05	3.524E-05	-	-
	MARe12	POINT	809622.3	831578.6	0	-	-	588	8	0.20	11	3.230E-03	3.083E-05	3.524E-05	-	-
	MARe13	POINT	809669.8	831594.3	0	-	-	588	8	0.20	11	3.230E-03	3.083E-05	3.524E-05	-	-
	MARe14	POINT	809717.6	831608.9	0	-	-	588	8	0.20	11	3.230E-03	3.083E-05	3.524E-05	-	-
	MARe15	POINT	809765.5	831623.4	0	-	-	588	8	0.20	11	3.230E-03	3.083E-05	3.524E-05	-	-
	MARe16	POINT	809813.3	831638.0	0	-	-	588	8	0.20	11	3.230E-03	3.083E-05	3.524E-05	-	-
	MARe17	POINT	809861.1	831652.5	0	-	-	588	8	0.20	11	3.230E-03	3.083E-05	3.524E-05	-	-
	MARe18	POINT	809908.9	831667.2	0	-	-	588	8	0.20	11	3.230E-03	3.083E-05	3.524E-05	-	-
	MARe19	POINT	809956.7	831681.9	0	-	-	588	8	0.20	11	3.230E-03	3.083E-05	3.524E-05	-	-
	MARe20	POINT	810004.5	831696.5	0	-	-	588	8	0.20	11	3.230E-03	3.083E-05	3.524E-05	-	-
	MARe21	POINT	810052.3	831711.2	0	-	-	588	8	0.20	11	3.230E-03	3.083E-05	3.524E-05	-	-
	MARe22	POINT	810100.1	831725.9	0	-	-	588	8	0.20	11	3.230E-03	3.083E-05	3.524E-05	-	-
	MARe23	POINT	810149.9	831731.1	0	-	-	588	8	0.20	11	3.230E-03	3.083E-05	3.524E-05	-	-
	MARe24	POINT	810199.6	831736.3	0	-	-	588	8	0.20	11	3.230E-03	3.083E-05	3.524E-05	-	-
	MARe25	POINT	810249.3	831741.5	0	-	-	588	8	0.20	11	3.230E-03	3.083E-05	3.524E-05	-	-
	MARe26	POINT	810299.1	831746.7	0	-	-	588	8	0.20	11	3.230E-03	3.083E-05	3.524E-05	-	-
	MARe27	POINT	810348.8	831751.9	0	-	-	588	8	0.20	11	3.230E-03	3.083E-05	3.524E-05	-	-
	MARe28	POINT	810398.5	831757.0	0	-	-	588	8	0.20	11	3.230E-03	3.083E-05	3.524E-05	-	-
	MARe29	POINT	810448.3	831762.2	0	-	-	588	8	0.20	11	3.230E-03	3.083E-05	3.524E-05	-	-
	MARe30	POINT	810498.0	831767.4	0	-	-	588	8	0.20	11	3.230E-03	3.083E-05	3.524E-05	-	-
	MARe31	POINT	810548.0	831765.7	0	-	-	588	8	0.20	11	3.230E-03	3.083E-05	3.524E-05	-	-
	MARe32	POINT	810597.9	831764.1	0	-	-	588	8	0.20	11	3.230E-03	3.083E-05	3.524E-05	-	-
	MARe33	POINT	810647.9	831762.4	0	-	-	588	8	0.20	11	3.230E-03	3.083E-05	3.524E-05	-	-
	MARe34	POINT	810697.9	831761.7	0	-	-	588	8	0.20	11	3.230E-03	3.083E-05	3.524E-05	-	-
	MARe35	POINT	810747.9	831761.0	0	-	-	588	8	0.20	11	3.230E-03	3.083E-05	3.524E-05	-	-
	MARe36	POINT	810797.9	831760.3	0	-	-	588	8	0.20	11	3.230E-03	3.083E-05	3.524E-05	-	-
	MARe37	POINT	810847.9	831759.7	0	-	-	588	8	0.20	11	3.230E-03	3.083E-05	3.524E-05	-	-
	MARe38	POINT	810897.7	831763.4	0	-	-	588	8	0.20	11	3.230E-03	3.083E-05	3.524E-05	-	-
	MARe39	POINT	810947.6	831767.1	0	-	-	588	8	0.20	11	3.230E-03	3.083E-05	3.524E-05	-	-
	MARe40	POINT	810997.5	831770.8	0	-	-	588	8	0.20	11	3.230E-03	3.083E-05	3.524E-05	-	-
	MARe41	POINT	811047.3	831774.5	0	-	-	588	8	0.20	11	3.230E-03	3.083E-05	3.524E-05	-	-
Marine Emission (West Kowloon Vessel During Maneuvering)	MARf1	POINT	809097.8	831413.5	0	-	-	873	8	0.27	12	2.143E-02	2.046E-04	2.338E-04	-	-
	MARf2	POINT	809145.3	831429.1	0	-	-	873	8	0.27	12	2.143E-02	2.046E-04	2.338E-04	-	-
	MARf3	POINT	809192.8	831444.8	0	-	-	873	8	0.27	12	2.143E-02	2.046E-04	2.338E-04	-	-
	MARf4	POINT	809240.3	831460.4	0	-	-	873	8	0.27	12	2.143E-02	2.046E-04	2.338E-04	-	-
	MARf5	POINT	809287.8	831476.1	0	-	-	873	8	0.27	12	2.143E-02	2.046E-04	2.338E-04	-	-
	MARf6	POINT	809335.8	831489.9	0	-	-	873	8	0.27	12	2.143E-02	2.046E-04	2.338E-04	-	-
	MARf7	POINT	809383.8	831503.8	0	-	-	873	8	0.27	12	2.143E-02	2.046E-04	2.338E-04	-	-
	MARf8	POINT	809431.9	831517.7	0	-	-	873	8	0.27	12	2.143E-02	2.046E-04	2.338E-04	-	-
	MARf9	POINT	809479.9	831531.5	0	-	-	873	8	0.27	12	2.143E-02	2.046E-04	2.338E-04	-	-
	MARf10	POINT	809527.4	831547.2	0	-	-	873	8	0.27	12	2.143E-02	2.046E-04	2.338E-04	-	-
	MARf11	POINT	809574.9	831562.9	0	-	-	873	8	0.27	12	2.143E-02	2.046E-04	2.338E-04	-	-
	MARf12	POINT	809622.3	831578.6	0	-	-	873	8	0.27	12	2.143E-02	2.046E-04	2.338E-04	-	-
	MARf13	POINT	809669.8	831594.3	0	-	-	873	8	0.27	12	2.143E-02	2.046E-04	2.338E-04	-	-
	MARf14	POINT	809717.6	831608.9	0	-	-	873	8	0.27	12	2.143E-02	2.046E-04	2.338E-04	-	-
	MARf15	POINT	809765.5	831623.4	0	-	-	873	8	0.27	12	2.143E-02	2.046E-04	2.338E-04	-	-
	MARf16	POINT	809813.3	831638.0	0	-	-	873	8	0.27	12	2.143E-02	2.046E-04	2.338E-04	-	-
	MARf17	POINT	809861.1	831652.5	0	-	-	873	8	0.27	12	2.143E-02	2.046E-04	2.338E-04	-	-
	MARf18	POINT	809908.9	831667.2	0	-	-	873	8	0.27	12	2.143E-02	2.046E-04	2.338E-04	-	-
	MARf19	POINT	809956.7	831681.9	0	-	-	873	8	0.27	12	2.143E-02	2.046E-04	2.338E-04	-	-
	MARf20	POINT	810004.5	831696.5	0	-	-	873	8	0.27	12	2.143E-02	2.046E-04	2.338E-04	-	-
	MARf21	POINT	810052.3	831711.2	0	-	-	873	8	0.27	12	2.143E-02	2.046E-04	2.338E-04	-	-
	MARf22	POINT	810100.1	831725.9	0	-	-	873	8	0.27	12	2.143E-02	2.046E-04	2.338E-04	-	-
	MARf23	POINT	810149.9	831731.1	0	-	-	873	8	0.27	12	2.143E-02	2.046E-04	2.338E-04	-	-
	MARf24	POINT	810199.6	831736.3	0	-	-	873	8	0.27	12	2.143E-02	2.046E-04	2.338E-04	-	-
	MARf25	POINT	810249.3	831741.5	0	-	-	873	8	0.27	12	2.143E-02	2.046E-04	2.338E-04	-	-
	MARf26	POINT	810299.1	831746.7	0	-	-	873	8	0.27	12	2.143E-02	2.046E-04	2.338E-04	-	-
	MARf27	POINT	810348.8	831751.9	0	-	-	873	8	0.27	12	2.143E-02	2.046E-04	2.338E-04	-	-
	MARf28	POINT	810398.5	831757.0	0	-	-	873	8	0.27	12	2.143E-02	2.046E-04	2.338E-04	-	-
	MARf29	POINT	810448.3	831762.2	0	-	-	873	8	0.27	12	2.143E-02	2.046E-04	2.338E-04	-	-
	MARf30	POINT	810498.0	831767.4	0	-	-	873	8	0.27	12	2.143E-02	2.046E-04	2.338E-04	-	-
	MARf31	POINT	810548.0	831765.7	0	-	-	873	8	0.27	12	2.143E-02	2.046E-04	2.338E-04	-	-
	MARf32	POINT	810597.9	831764.1	0	-	-	873	8	0.27	12	2.143E-02	2.046E-04	2.338E-04	-	-
	MARf33	POINT	810647.9	831762.4	0	-	-	873	8	0.27	12	2.143E-02	2.046E-04	2.338E-04	-	-
	MARf34	POINT	810697.9	831761.7	0	-	-	873	8	0.27	12	2.143E-02	2.046E-04	2.338E-04	-	-
	MARf35	POINT	810747.9	831761.0	0	-	-	873	8	0.27	12	2.143E-02	2.046E-04	2.338E-04	-	-
	MARf36	POINT	810797.9	831760.3	0	-	-	873	8	0.27	12	2.143E-02	2.046E-04	2.338E-04	-	-
	MARf37	POINT	810847.9	831759.7	0	-	-	873	8	0.27	12	2.143E-02	2.046E-04	2.338E-04	-	-
	MARf38	POINT	810897.7	831763.4	0	-	-	873	8	0.27	12	2.143E-02	2.046E-04	2.338E-04	-	-
	MARf39	POINT	810947.6	831767.1	0	-	-	873	8	0.27	12	2.143E-02	2.046E-04	2.338E-04	-	-
	MARf40	POINT	810997.5	831770.8	0	-	-	873	8	0.27	12	2.143E-02	2.046E-04	2.338E-04	-	-
	MARf41	POINT	811047.3	831774.5	0	-	-	873	8	0.27	12	2.143E-02	2.046E-04	2.338E-04	-	-

	Source	Type	X	Y	Base Elevation	Length of X side	Length of Y Side	Exit Temperature	Exit velocity	Internal diameter	Stack Height / Release Height	Emission Rate				
												Nox	SO2	RSP	Vinyl Chloride	Benzene
	ID		(m)	(m)	(mpd)	(m)	(m)	(K)	(m/s)	(m)	(m)	(g/s)	(g/s)	(g/s) or (g/m^2/s)	(g/s)	(g/s)
Marine Emission (Addition Vessels for STF During Maneuvering)	MARh1	POINT	809097.8	831413.5	0	-	-	873	8	0.27	12	2.143E-02	2.046E-04	2.338E-04	-	-
	MARh2	POINT	809145.3	831429.1	0	-	-	873	8	0.27	12	2.143E-02	2.046E-04	2.338E-04	-	-
	MARh3	POINT	809192.8	831444.8	0	-	-	873	8	0.27	12	2.143E-02	2.046E-04	2.338E-04	-	-
	MARh4	POINT	809240.3	831460.4	0	-	-	873	8	0.27	12	2.143E-02	2.046E-04	2.338E-04	-	-
	MARh5	POINT	809287.8	831476.1	0	-	-	873	8	0.27	12	2.143E-02	2.046E-04	2.338E-04	-	-
	MARh6	POINT	809335.8	831489.9	0	-	-	873	8	0.27	12	2.143E-02	2.046E-04	2.338E-04	-	-
	MARh7	POINT	809383.8	831503.8	0	-	-	873	8	0.27	12	2.143E-02	2.046E-04	2.338E-04	-	-
	MARh8	POINT	809431.9	831517.7	0	-	-	873	8	0.27	12	2.143E-02	2.046E-04	2.338E-04	-	-
	MARh9	POINT	809479.9	831531.5	0	-	-	873	8	0.27	12	2.143E-02	2.046E-04	2.338E-04	-	-
	MARh10	POINT	809527.4	831547.2	0	-	-	873	8	0.27	12	2.143E-02	2.046E-04	2.338E-04	-	-
	MARh11	POINT	809574.9	831562.9	0	-	-	873	8	0.27	12	2.143E-02	2.046E-04	2.338E-04	-	-
	MARh12	POINT	809622.3	831578.6	0	-	-	873	8	0.27	12	2.143E-02	2.046E-04	2.338E-04	-	-
	MARh13	POINT	809669.8	831594.3	0	-	-	873	8	0.27	12	2.143E-02	2.046E-04	2.338E-04	-	-
	MARh14	POINT	809717.6	831608.9	0	-	-	873	8	0.27	12	2.143E-02	2.046E-04	2.338E-04	-	-
	MARh15	POINT	809765.5	831623.4	0	-	-	873	8	0.27	12	2.143E-02	2.046E-04	2.338E-04	-	-
	MARh16	POINT	809813.3	831638.0	0	-	-	873	8	0.27	12	2.143E-02	2.046E-04	2.338E-04	-	-
	MARh17	POINT	809861.1	831652.5	0	-	-	873	8	0.27	12	2.143E-02	2.046E-04	2.338E-04	-	-
	MARh18	POINT	809908.9	831667.2	0	-	-	873	8	0.27	12	2.143E-02	2.046E-04	2.338E-04	-	-
	MARh19	POINT	809956.7	831681.9	0	-	-	873	8	0.27	12	2.143E-02	2.046E-04	2.338E-04	-	-
	MARh20	POINT	810004.5	831696.5	0	-	-	873	8	0.27	12	2.143E-02	2.046E-04	2.338E-04	-	-
	MARh21	POINT	810052.3	831711.2	0	-	-	873	8	0.27	12	2.143E-02	2.046E-04	2.338E-04	-	-
	MARh22	POINT	810100.1	831725.9	0	-	-	873	8	0.27	12	2.143E-02	2.046E-04	2.338E-04	-	-
	MARh23	POINT	810149.9	831731.1	0	-	-	873	8	0.27	12	2.143E-02	2.046E-04	2.338E-04	-	-
	MARh24	POINT	810199.6	831736.3	0	-	-	873	8	0.27	12	2.143E-02	2.046E-04	2.338E-04	-	-
	MARh25	POINT	810249.3	831741.5	0	-	-	873	8	0.27	12	2.143E-02	2.046E-04	2.338E-04	-	-
	MARh26	POINT	810299.1	831746.7	0	-	-	873	8	0.27	12	2.143E-02	2.046E-04	2.338E-04	-	-
	MARh27	POINT	810348.8	831751.9	0	-	-	873	8	0.27	12	2.143E-02	2.046E-04	2.338E-04	-	-
	MARh28	POINT	810398.5	831757.0	0	-	-	873	8	0.27	12	2.143E-02	2.046E-04	2.338E-04	-	-
	MARh29	POINT	810448.3	831762.2	0	-	-	873	8	0.27	12	2.143E-02	2.046E-04	2.338E-04	-	-
	MARh30	POINT	810498.0	831767.4	0	-	-	873	8	0.27	12	2.143E-02	2.046E-04	2.338E-04	-	-
	MARh31	POINT	810548.0	831765.7	0	-	-	873	8	0.27	12	2.143E-02	2.046E-04	2.338E-04	-	-
	MARh32	POINT	810597.9	831764.1	0	-	-	873	8	0.27	12	2.143E-02	2.046E-04	2.338E-04	-	-
	MARh33	POINT	810647.9	831762.4	0	-	-	873	8	0.27	12	2.143E-02	2.046E-04	2.338E-04	-	-
	MARh34	POINT	810697.9	831761.7	0	-	-	873	8	0.27	12	2.143E-02	2.046E-04	2.338E-04	-	-
	MARh35	POINT	810747.9	831761.0	0	-	-	873	8	0.27	12	2.143E-02	2.046E-04	2.338E-04	-	-
	MARh36	POINT	810797.9	831760.3	0	-	-	873	8	0.27	12	2.143E-02	2.046E-04	2.338E-04	-	-
	MARh37	POINT	810847.9	831759.7	0	-	-	873	8	0.27	12	2.143E-02	2.046E-04	2.338E-04	-	-
	MARh38	POINT	810897.7	831763.4	0	-	-	873	8	0.27	12	2.143E-02	2.046E-04	2.338E-04	-	-
	MARh39	POINT	810947.6	831767.1	0	-	-	873	8	0.27	12	2.143E-02	2.046E-04	2.338E-04	-	-
	MARh40	POINT	810997.5	831770.8	0	-	-	873	8	0.27	12	2.143E-02	2.046E-04	2.338E-04	-	-
	MARh41	POINT	811047.3	831774.5	0	-	-	873	8	0.27	12	2.143E-02	2.046E-04	2.338E-04	-	-
Marine Emission (During Idling)	IETS	POINT	810986.0	831745.8	0	-	-	531	8	0.30	8	2.750E-01	2.625E-03	3.000E-03	-	-
	IWTS	POINT	811080.0	831779.6	0	-	-	493	8	0.30	8	2.750E-01	2.625E-03	3.000E-03	-	-
	OITF	POINT	811174.4	831812.6	0	-	-	425	8	0.10	3.5	2.552E-01	2.436E-03	2.784E-03	-	-
	NLTS	POINT	811362.1	831881.8	0	-	-	588	8	0.20	11	1.254E+00	1.197E-02	1.368E-02	-	-