Table 1: 2021 Suncor Sarnia Refinery Property Line Monitoring Results

	Station ID	STN-1	STN-2	STN-3	STN-4	STN-5	STN-6	STN-7	STN-8	STN-9	STN-10	STN-11	STN-12
	UTM Coordinates	382737mE 4754363mN	382919mE 4754241mN	383006mE 4754172mN	382965mE 4754030mN	383490mE 4753619mN	383233mE 4753234mN	382748mE 4753624mN	382586mE 4753729mN	382400mE 4753853mN	382101mE 4754053mN	381980mE 4754394mN	382432mE 4754570mN
Measured Benzene Concentraion from 2-week monitoring period (ug/m3) *Note: Duplicate values will be expressed in (brackets)*	12/23/2020 - 1/7/2021	1.55	1.92	1.46	1.65	1.03 *(0.97)*	0.95	0.80	0.88	0.76	0.76	1.02	1.28
	1/7/2021 - 1/21/2021	2.01	2.82	1.66	1.75	1.72	1.21 *(1.20)*	1.32	1.06	1.30	0.83	0.87	1.16
	1/21/2021 - 2/4/2021	1.28	1.43	1.25	1.81	1.19	1.17	1.17 *(1.13)*	1.02	1.48	0.97	0.83	0.94
	2/4/2021 - 2/18/2021	2.03	1.93	1.49	1.71	1.19	1.21	1.11	1.07 *(1.05)*	1.29	1.34	1.26	1.47
	2/18/2021 - 3/4/2021	2.06	2.18	1.57	1.84	1.38	1.18	1.18	0.97	1.07 *(1.08)*	0.97	1.07	1.36
	3/4/2021 - 3/18/2021	1.17	1.35	0.96	1.52	1.46	1.38	0.95	0.91	1.26	0.91 *(1.02)*	0.79	1.03
	3/18/2021 - 4/1/2021	2.16	2.16	1.18	1.87	1.26	1.05	1.07	1.01	1.65	1.11	1.44 *(1.46)*	1.38
	4/1/2021 - 4/15/2021	2.26	1.85	1.12	1.57	1.07	0.97	0.97	0.92	1.01	0.98	1.04	1.51 *(1.56)*
	4/15/2021 - 4/29/2021	1.67 *(1.74)*	2.12	1.57	2.07	1.59	1.53	1.26	1.21	1.40	1.09	0.94	1.42
	4/29/2021 - 5/13/2021	1.25	1.30 *(1.35)*	1.10	1.73	1.53	1.63	1.01	0.91	1.05	0.78	0.60	0.78
	5/13/2021 - 5/27/2021	2.88	2.79	1.56 *(1.54)*	1.73	1.44	1.09	1.10	1.19	1.20	0.93	0.70	1.48
	5/27/2021 - 6/10/2021	2.38	2.7	1.51	1.72 *(1.68)*	1.84	1.31	1.33	1.2	1.55	0.9	0.65	1.06
	6/10/2021 - 6/24/2021	1.98	2.18	1.39	1.53	1.30 *(1.29)*	1.53	1.12	0.92	1.08	0.71	0.70	1.04
	6/24/2021 - 7/8/2021	2.31	2.78	1.74	1.85	1.88	1.44 *(1.39)*	1.40	1.19	1.25	1.57	1.16	1.21
	7/8/2021 - 7/22/2021	1.70	2.28	1.96	2.03	1.50	1.55	1.28 *(1.23)*	1.22	1.36	1.45	0.94	1.03
	7/22/2021 - 8/5/2021	2.03	2.66	2.69	2.42	1.16	1.10	0.94	0.91 *(0.88)*	1.06	1.01	0.97	1.44
	8/5/2021 - 8/19/2021	2.66	2.72	1.75	1.82	1.66	1.35	1.38	1.29	1.46 *(1.47)*	1.21	1.24	1.57
	8/19/2021 - 9/2/2021	2.64	2.69	1.90	2.41	1.63	2.03	1.59	1.35	1.48	1.05 *(1.07)*	1.16	1.41
	9/2/2021 - 9/16/2021	1.82	2.05	1.52	1.80	1.19	0.88	0.94	0.80	0.85	0.81	1.34 *(1.17)*	0.70
	9/16/2021 - 9/30/2021	2.36	NA*	1.13	1.34	1.44	1.17	1.12	0.91	1.23	0.95	0.77	1.37 *(1.27)*
		*Could not be analyzed, monitoring station with shelter was knocked down and tube was damaged due to storm											
	9/30/2021 - 10/14/2021	2.92 *(3.07)*	2.58	1.47	1.47	1.36	1.34	1.24	1.37	1.22	1.40	1.38	1.69