



Table 1: 2020 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) <i>Note: Duplicate values will be expressed in (brackets)</i>	12/27/2019 - 1/9/2020	2.47	1.95	1.66 (1.39)	1.72	1.15	0.69	0.85	0.66	0.77	0.55	1.10	1.02	
	1/9/2020 - 1/23/2020	1.83	1.61	1.05	1.80 (1.92)	1.09	0.87	0.93	0.79	0.81	0.71	1.32	1.00	
	1/23/2020 - 2/6/2020	1.90	2.21	1.92	2.13	1.68 (1.59)	1.50	1.45	1.50	1.41	1.16	0.97	1.24	
	2/6/2020 - 2/20/2020	1.88	1.76	1.47	2.20	1.38	1.06 (1.24)	1.11	1.03	1.01	0.67	0.79	0.94	
	2/20/2020 - 3/5/2020	2.53	3.44	2.46	2.45	1.91	1.46	1.17 (1.23)	1.12	1.4	0.71	0.77	1.17	
	3/5/2020 - 3/19/2020	2.34	1.89	1.43	1.53	1.25	1.08	1.13	1.29 (1.21)	1.39	0.92	0.83	1.25	
	3/19/2020 - 4/3/2020	1.54	1.63	1.31	1.41	1.9	1.6	1.4	1.35	1.70 (1.71)	1.27	0.91	1.04	
	4/3/2020 - 4/16/2020	1.65	1.87	1.47	1.81	1.62	1.11	0.92	1.06	1.06	0.82 (0.81)	1.02	1.44	
	4/16/2020 - 4/30/2020	1.51	1.43	0.97	1.07	1.39	1.07	0.68	0.82	1.05	0.54	0.90 (0.90)	1.00	
	4/30/2020 - 5/14/2020	1.31	1.43	1.24	1.68	1.98	1.47	1.37	1.53	2.36	1.00	1.96	1.16 (1.14)	
	5/14/2020 - 5/28/2020	2.21 (2.15)	1.77	1.08	1.14	1.26	1.24	1.14	0.99	1.35	1.19	1.64	1.46	
	5/28/2020 - 6/11/2020	2.02	2.16 (2.36)	1.27	1.39	1.61	1.25	1.14	1.09	1.24	0.73	0.5	1.10	
	6/11/2020 - 6/25/2020	1.85	2.38	1.72 (1.69)	1.58	1.59	1.65	1.42	1.17	1.46	0.87	0.64	1.12	
	6/25/2020 - 7/9/2020	1.78	2.24	1.78	1.97 (2.00)	2.24	2.42	1.62	1.32	1.42	1.14	0.67	1.11	
	7/9/2020 - 7/23/2020	4.30	2.37	1.60	2.19	1.56 (1.64)	1.49	1.46	1.49	1.43	1.03	0.91	1.37	
	7/23/2020 - 8/6/2020	1.89	1.84	1.28	1.72	0.30	1.95 (1.73)	1.13	1.39	1.29	0.89	0.80	0.70	
	8/6/2020 - 8/20/2020	2.34	2.11	1.44	1.50	1.53	NA	1.19	1.16	1.23	0.95	1.89	1.13	
	The sample tube for station 6 and the station 7 duplicate was not sent in to be analyzed due to a technician error													
	8/20/2020 - 9/3/2020	2.80	3.07	1.7	1.92	1.13	0.9	1.03	1.17 (1.10)	1.14	0.86	1.04	1.70	
	9/3/2020 - 9/17/2020	1.82	2.5	1.33	1.52	1.33	1.15	0.99	0.95	1.14 (1.09)	0.89	0.70	0.99	
9/17/2020 - 10/1/2020	2.49	3.12	1.35	1.30	1.27	1.18	1.07	0.98	0.96	0.86 (0.92)	0.99	1.40		
10/1/2020 - 10/15/2020	2.17	2.35	1.42	2.44	1.24	0.95	0.86	0.74	0.89	0.65	0.80 (0.81)	1.12		
10/15/2020 - 10/29/2020	1.68	1.95	1.38	1.98	0.97	1.18	0.92	0.96	0.84	0.70	0.82	1.06 (1.08)		
10/29/2020 - 11/12/2020	3.21 (3.21)	4.24	2.12	2.19	1.12	0.80	1.02	1.01	1.15	0.89	0.86	1.56		
11/12/2020 - 11/26/2020	2.04	1.92 (2.08)	1.83	2.09	1.07	0.87	1.08	1.05	1.02	0.75	0.93	1.21		
11/26/2020 - 12/10/2020	1.71	2.19	1.97 (1.94)	2.13	1.07	0.92	1.20	0.87	0.68	0.63	0.66	1.16		
12/10/2020 - 12/23/2020	2.32	2.4	1.73	1.91 (2.07)	1.49	1.21	1.16	1.22	1.31	1.30	1.13	1.44		