



**Table 1: 2018 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 Concentration from 2-week monitoring period (ug/m3)  <i>Note: Duplicate values will be expressed in brackets</i>	12/28/2017 - 1/11/2018	3.20	2.66	1.99	2.87	1.76	1.23	1.62	1.48	1.21	1.11	1.37 (1.38)	1.59
	1/11/2018 - 1/25/2018	4.59	3.73	3.22	3.17	2.39	2.35	2.98	3.34	2.15	1.26	1.38	1.61 (1.58)
	1/25/2018 - 2/8/2018	2.81 (2.59)	2.30	2.17	2.46	2.44	2.48	2.08	1.69	1.51	0.97	1.07	1.39
	2/8/2018 - 2/22/2018	3.52	2.83 (2.46)	2.43	2.51	2.30	1.60	2.07	2.40	2.13	1.48	1.31	1.7
	2/22/2018 - 3/8/2018	2.33	2.12	1.91 (1.69)	2.02	2.18	1.61	1.66	1.82	2.00	1.21	0.96	1.23
	3/8/2018 - 3/22/2018	1.38	1.82	2.06	2.62 (2.94)	2.8	4.77	1.81	1.72	1.8	1.07	0.79	0.93
	3/22/2018 - 4/5/2018	2.42	1.46	1.22	1.52	1.73 (1.71)	2.71	1.30	1.53	1.54	1.23	0.90	1.07
	4/5/2018 - 4/19/2018	1.86	2.05	1.88	2.16	2.16	1.37 (1.48)	1.36	1.44	1.48	1.24	1.74	1.17
	4/19/2018 - 5/3/2018	2.88	2.26	1.81	2.07	1.98	1.77	1.79 (1.76)	2.04	2.17	1.68	1.64	2.16
	5/3/2018 - 5/17/2018	2.64	2.16	1.81	1.99	3.40	2.25	1.89	1.92 (1.97)	3.02	1.48	0.95	1.48
	5/17/2018 - 5/31/2018	3.26	2.15	1.87	1.96	3.40	2.96	1.88	2.14	3.03 (3.11)	1.38	0.84	1.26
	5/31/2018 - 6/14/2018	1.82	1.76	1.40	1.66	3.06	1.78	1.47	1.98	1.84	1.31 (1.31)	0.80	1.19
	6/14/2018 - 6/28/2018	1.78	1.90	1.64	2.01	2.05	1.96	2.13	2.09	2.55	2.22	2.92 (2.85)	1.05
	6/28/2018 - 7/12/2018	3.06	2.93	2.30	2.39	2.34	2.26	2.12	2.09	2.25	1.46	1.48	1.77 (1.72)
7/12/2018 - 7/26/2018	2.18 (2.08)	1.98	1.43	1.73	1.90	1.84	1.54	1.36	1.33	1.19	1.07	1.49	

Measured Benzene Concentration from 2-week monitoring period (ug/m3)  <i>Note: Duplicate values will be expressed in (brackets)</i>	7/26/2018 - 8/9/2018	2.09	2.05 (2.02)	1.62	1.92	1.68	1.06	0.98	0.89	0.93	0.91	0.83	1.15
	8/9/2018 - 8/23/2018	1.48	1.78	1.66 (1.60)	1.75	1.47	1.67	1.34	1.22	1.31	0.98	0.84	1.00
	8/23/2018 - 9/6/2018	3.68	3.48	2.34	2.41 (2.51)	1.85	1.62	2.33	2.83	2.72	1.68	1.27	1.80
	9/6/2018 - 9/20/2018	1.27	1.27	1.27	1.36	1.69 (1.66)	2.46	1.93	1.61	2.06	1.73	1.01	0.98
	9/20/2018 - 10/4/2018	3.15	3.06	2.12	2.13	1.07	1.31 (1.23)	1.23	1.16	1.17	0.95	1.05	1.51
	10/4/2018 - 10/18/2018	2.40	2.36	1.41	1.92	1.29	0.96	0.89 (0.91)	1.00	1.15	0.91	0.70	1.18
	10/18/2018 - 11/1/2018	2.19	2.11	1.62	2.05	1.29	0.88	0.97	0.93 (0.88)	0.93	0.92	0.66	1.27
	11/1/2018 - 11/15/2018	1.38	1.63	1.16	1.30	1.02	0.81	0.73	0.78	0.77 (0.77)	0.79	0.89	1.03
	11/15/2018 - 11/29/2018	1.28	1.40	0.96	1.37	0.85	0.66	0.74	0.67	0.75	0.65 (0.67)	0.70	1.05
	11/29/2018 - 12/13/2018	1.79	1.71	1.36	1.61	1.35	0.97	0.90	0.83	0.85	0.90	0.90 (0.99)	1.63
	12/13/2018 - 12/27/2018	1.75	1.60	1.40	1.77	1.62	1.67	1.28	1.35	1.14	1.18	1.09	1.50 (1.70)