



Clean Air Sarnia and Area - TSP and Metals Results

Station: Front Street (Ferry Dock Road)
Data Updated: 29-Apr-19

Matrix: Glass fiber
Method: Gravimetric/XRF

Sampler: Hi-Vol

Parameter	TSP		V		Cr		Mn		Fe		Ni		Cu		Zn		Cd		Pb	
	Suspended Particulate		Vanadium		Chromium		Manganese		Iron		Nickel		Copper		Zinc		Cadmium		Lead	
	Concentration	Data Flag	Concentration	Data Flag	Concentration	Data Flag	Concentration	Data Flag	Concentration	Data Flag	Concentration	Data Flag	Concentration	Data Flag	Concentration	Data Flag	Concentration	Data Flag	Concentration	Data Flag
02-Jan-18	20		0.0065		0.002		0.003	<MDL	0.17		0.003		0.0045		0.026		0.005	<MDL	0.005	<MDL
08-Jan-18		NDIF																		
14-Jan-18		NDIF																		
20-Jan-18	34		0.011		0.002	<MDL	0.006		0.33		0.0033		0.017		0.032		0.005	<MDL	0.005	<MDL
26-Jan-18	39		0.017		0.002	<MDL	0.007		0.35		0.006		0.018		0.027		0.005	<MDL	0.005	<MDL
01-Feb-18	17		0.0042		0.0021		0.004		0.21		0.001	<MDL	0.0096		0.043		0.005	<MDL	0.005	<MDL
07-Feb-18	9		0.002	<MDL	0.002	<MDL	0.003	<MDL	0.11		0.001	<MDL	0.033		0.046		0.005	<MDL	0.005	<MDL
13-Feb-18	19		0.003	<MDL	0.002	<MDL	0.004		0.32		0.001	<MDL	0.084		0.013		0.005	<MDL	0.005	<MDL
19-Feb-18	7	PPL	0.002	<MDL	0.0036		0.003	<MDL	0.098		0.001	<MDL	0.012		0.35		0.005	<MDL	0.005	<MDL
25-Feb-18	6		0.023		0.002	<MDL	0.003	<MDL	0.12		0.001	<MDL	0.012		0.41		0.005	<MDL	0.005	<MDL
02-Apr-18			0.022		0.002	<MDL	0.007		0.25		0.0012		0.077		0.41		0.005	<MDL	0.0055	
08-Apr-18	14		0.018		0.002	<MDL	0.006		0.15		0.001	<MDL	0.051		0.35		0.005	<MDL	0.005	<MDL
14-Apr-18	1	<=W	0.015		0.002	<MDL	0.003	<MDL	0.047		0.0011		0.029		0.32		0.005	<MDL	0.005	<MDL
20-Apr-18	19		0.017		0.002	<MDL	0.005		0.22		0.001	<MDL	0.073		0.35		0.005	<MDL	0.005	<MDL
26-Apr-18	18		0.02		0.002	<MDL	0.006		0.26		0.0014		0.078		0.43		0.005	<MDL	0.005	<MDL
02-May-18	102		0.027		0.002	<MDL	0.027		1.1		0.0091		0.041		0.38		0.005	<MDL	0.0054	
08-May-18	55		0.031		0.002	<MDL	0.019		0.74		0.0024		0.083		0.37		0.005	<MDL	0.0054	
14-May-18	52		0.032		0.002	<MDL	0.012		0.42		0.0032		0.069		0.37		0.005	<MDL	0.005	<MDL
20-May-18		NDIF																		
26-May-18		NDIF																		
01-Jun-18	33		0.021		0.002	<MDL	0.004		0.15		0.0011		0.064		0.34		0.005	<MDL	0.005	<MDL
07-Jun-18	64		0.026		0.002	<MDL	0.01		0.46		0.0035		0.042		0.36		0.005	<MDL	0.005	<MDL
13-Jun-18	39		0.022		0.002	<MDL	0.009		0.41		0.001		0.046		0.38		0.005	<MDL	0.005	<MDL
19-Jun-18	17		0.027		0.002	<MDL	0.005		0.11		0.0035		0.05		0.37		0.005	<MDL	0.005	<MDL
25-Jun-18	17		0.023		0.002	<MDL	0.003	<MDL	0.11		0.0022		0.094		0.38		0.005	<MDL	0.005	<MDL
01-Jul-18	65		0.036		0.002	<MDL	0.012		0.5		0.0053		0.054		0.34		0.005	<MDL	0.005	<MDL
07-Jul-18	17		0.021		0.002	<MDL	0.006		0.27		0.001	<MDL	0.18		0.36		0.005	<MDL	0.005	<MDL
13-Jul-18	66		0.028		0.002	<MDL	0.025		0.76		0.0032		0.058		0.38		0.005	<MDL	0.005	<MDL
19-Jul-18	39		0.026		0.002	<MDL	0.016		0.59		0.001	<MDL	0.082		0.38		0.005	<MDL	0.005	<MDL
25-Jul-18	24		0.002	<MDL	0.002	<MDL	0.007		0.26		0.001	<MDL	0.14		0.022		0.005	<MDL	0.007	<MDL
31-Jul-18	35		0.0034		0.002	<MDL	0.01		0.34		0.001	<MDL	0.14		0.041		0.005	<MDL	0.005	<MDL
06-Aug-18	36		0.0058		0.002	<MDL	0.011		0.26		0.0014		0.058		0.026		0.005	<MDL	0.005	<MDL
12-Aug-18	28		0.0021		0.002	<MDL	0.007		0.22		0.001	<MDL	0.24		0.058		0.005	<MDL	0.005	<MDL
18-Aug-18	22		0.0043		0.002	<MDL	0.008		0.17		0.0016		0.13		0.018		0.005	<MDL	0.005	<MDL
24-Aug-18	53		0.0098		0.002	<MDL	0.015		0.48		0.0026		0.042		0.037		0.005	<MDL	0.005	<MDL
30-Aug-18	17		0.0044		0.002	<MDL	0.005		0.12		0.001	<MDL	0.14		0.0076		0.005	<MDL	0.0059	
05-Sep-18	39		0.0033		0.0021		0.012		0.36		0.001	<MDL	0.069		0.032		0.005	<MDL	0.005	<MDL
11-Sep-18	12		0.002	<MDL	0.002	<MDL	0.003		0.088		0.001	<MDL	0.12		0.0042		0.005	<MDL	0.005	<MDL
17-Sep-18	40		0.0048		0.003		0.009		0.38		0.0014		0.19		0.012		0.005	<MDL	0.005	<MDL
23-Sep-18	20		0.002	<MDL	0.002	<MDL	0.005		0.16		0.001	<MDL	0.21		0.0086		0.005	<MDL	0.005	<MDL
29-Sep-18	10		0.002	<MDL	0.002	<MDL	0.003		0.064		0.001	<MDL	0.15		0.001	<MDL	0.005	<MDL	0.005	<MDL
05-Oct-18	9		0.0052		0.002	<MDL	0.003	<MDL	0.1		0.002		0.11		0.0075		0.005	<MDL	0.0091	
11-Oct-18	9		0.002	<MDL	0.002	<MDL	0.003	<MDL	0.1		0.001	<MDL	0.011		0.019		0.005	<MDL	0.005	<MDL
17-Oct-18	16		0.002	<MDL	0.002	<MDL	0.004		0.16		0.001	<MDL	0.014		0.079		0.005	<MDL	0.005	<MDL
23-Oct-18	15		0.002	<MDL	0.0038		0.009		0.27		0.001	<MDL	0.014		0.097		0.005	<MDL	0.0061	
29-Oct-18	6		0.002	<MDL	0.002	<MDL	0.003		0.087		0.001	<MDL	0.02		0.11		0.005	<MDL	0.0085	
04-Nov-18	11		0.0036		0.002	<MDL	0.003		0.14		0.001	<MDL	0.025		0.019		0.005	<MDL	0.005	<MDL
10-Nov-18	3	<T	0.002	<MDL	0.0026		0.004		0.1		0.001	<MDL	0.0077		0.02		0.005	<MDL	0.005	<MDL
16-Nov-18	7		0.0035		0.002	<MDL	0.007		0.13		0.001	<MDL	0.002	<MDL	0.033		0.005	<MDL	0.005	<MDL
22-Nov-18	27		0.002	<MDL	0.002	<MDL	0.007		0.25		0.001	<MDL	0.066		0.011		0.005	<MDL	0.005	<MDL
28-Nov-18	6		0.0028		0.002	<MDL	0.003	<MDL	0.062		0.001	<MDL	0.0049		0.034		0.005	<MDL	0.005	<MDL
04-Dec-18	1	<=W	0.002	<MDL	0.002	<MDL	0.003	<MDL	0.081		0.001	<MDL	0.035		0.026		0.005	<MDL	0.005	<MDL
10-Dec-18	30		0.0063		0.002	<MDL	0.007		0.19		0.001	<MDL	0.021		0.029		0.005	<MDL	0.005	<MDL
16-Dec-18	21		0.002	<MDL	0.002	<MDL	0.003	<MDL	0.14		0.001	<MDL	0.053		0.011		0.005	<MDL	0.005	<MDL
22-Dec-18	1	<=W	0.002	<MDL	0.002	<MDL	0.003		0.06		0.001	<MDL	0.016		0.0082		0.005	<MDL	0.005	<MDL
28-Dec-18	21		0.016		0.002	<MDL	0.003	<MDL	0.098		0.0043		0.002	<MDL	0.011		0.005	<MDL	0.005	<MDL

No. of valid samples	51	52	52	52	52	52	52	52	52	52	52	52	52	52	52	52	52
Maximum	102	0.036	0.0038	0.027	1.1	0.0091	0.24	0.43	0.0091	0.005	0.0091	0.005	0.0091	0.005	0.0091	0.005	0.0091
Minimum	1	0.002	0.002	0.003	0.047	0.001	0.002	0.005	0.001	0.002	0.005	0.002	0.005	0.002	0.005	0.002	0.005
24-hour AAQC	120	2	0.5	0.4	4	0.2	50	120	0.25	0.5	0.25	0.5	0.25	0.5	0.25	0.5	0.25
No. > AAQC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

<=W	No measurable response (zero): <reported value
<T	A measurable trace amount: interpret with caution
NDIF	No data: invalid filter
PFC	Possible filter contamination
UTF	Unreliable: torn filter
PPL	Possible particulate loss
<MDL	Below detection limit