



Clean Air Sarnia and Area - TSP and Metals Results

Station: Front Street (Ferry Dock Road)
Data Updated: 12-May-20

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
04-Jan-20	11		0.002	<MDL	0.002	<MDL	0.003		0.05		0.001	<MDL	0.071		0.051		0.005	<MDL	0.005	<MDL
10-Jan-20	24	PPL	0.0078		0.002	<MDL	0.003		0.12		0.0012		0.21		0.033		0.005	<MDL	0.005	<MDL
16-Jan-20	21		0.002	<MDL	0.002	<MDL	0.01		0.12		0.0012		0.039		1.5		0.006		0.005	<MDL
22-Jan-20	41		0.014		0.002	<MDL	0.008		0.26		0.0038		0.029		0.036		0.005	<MDL	0.005	<MDL
28-Jan-20	1.3	<MDL	0.019		0.002	<MDL	0.003	<MDL	0.034		0.001	<MDL	0.066		0.43		0.005	<MDL	0.005	<MDL

No. of valid samples	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Maximum	41		0.019		0.002		0.01		0.26		0.0038		0.21		1.5		0.006		0.005	
Minimum	1.3	0.002	0.002	0.002	0.003	0.034	0.001	0.029	0.033	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
24-hour AAQC	120		2		0.5		0.4		4		0.2		50		120		0.025		0.5	
No. > AAQC	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
TF Torn filter
NDIF No data: invalid filter
PFC Possible filter contamination
UTF Unreliable: torn filter
PPL Possible particulate loss
<MDL Below detection limit