



Clean Air Sarnia and Area - PAH Results

Station: Aamjiwnaang First Nation
Data Updated: 25-Aug-23

Sample Matrix: Teflon
Method: GC/MS

Parameter	B[a]A		Chry		B[b]F		B[k]F		B[a]P		I[1,2,3]P		D[a,h]A		B[g,h,i]P	
	Benz[a]anthracene		Chrysene		Benzo[b]fluoranthene		Benzo[k]fluoranthene		Benzo[a]Pyrene		Indeno[1,2,3-cd]Pyrene		Dibenz[a,h]Anthracene		Benzo[g,h,i]perylene	
Units	ng/m ³		ng/m ³		ng/m ³		ng/m ³		ng/m ³		ng/m ³		ng/m ³		ng/m ³	
	Concentration	Data Flag	Concentration	Data Flag	Concentration	Data Flag	Concentration	Data Flag	Concentration	Data Flag	Concentration	Data Flag	Concentration	Data Flag	Concentration	Data Flag
12-Jan-23	0.033		0.065		0.149		0.066		0.073		0.136		<0.025		0.157	
24-Jan-23	<0.025		0.059		0.122		0.047		0.043		0.091		<0.025		0.102	
05-Feb-23	0.061		0.115		0.27		0.102		0.105		0.166		0.034		0.182	
17-Feb-23	<0.025		0.041		0.069		0.025		0.026		0.042		<0.025		0.045	
01-Mar-23		NS		NS		NS		NS		NS		NS		NS		NS
13-Mar-23		NS		NS		NS		NS		NS		NS		NS		NS
25-Mar-23	0.03		0.047		0.106		0.048		0.043		0.045		<0.025		0.056	
06-Apr-23	<0.025		0.031		<0.025		0.051		<0.025		0.038		<0.025		0.059	
18-Apr-23	<0.025		0.03		<0.025		0.052		<0.025		0.041		<0.025		0.054	
30-Apr-23	<0.025		<0.025		<0.025		0.027		<0.025		0.031		<0.025		0.048	
12-May-23	0.052		0.118		0.21		0.083		0.074		0.127		<0.025		0.171	
24-May-23	0.033		0.053		0.063		0.028		0.028		0.035		<0.025		0.055	
05-Jun-23	<0.025		0.048		0.077		0.03		0.032		0.066		<0.025		0.095	
17-Jun-23	<0.025		0.062		0.134		0.048		0.026		0.099		<0.025		0.109	
29-Jun-23	<0.025		0.047		0.049		<0.025		<0.025		0.033		<0.025		0.054	

No. of valid samples	14		14		14		14		14		14		14		14	
Maximum	0.061		0.118		0.27		0.102		0.105		0.166		0.034		0.182	
Minimum	<0.025		<0.025		<0.025		<0.025		<0.025		<0.025		<0.025		<0.025	
24-hour AAQC	n/a		n/a		n/a		n/a		0.05		n/a		n/a		n/a	
No. > 24-hour AAQC	n/a		n/a		n/a		n/a		3		n/a		n/a		n/a	

<MDL	Below detection limit	
NDIF	No data: invalid filter	
NDIV	Invalid sample	
NDEF	Laboratory equipment failure	
NS	No sample	