

SUMMARY OF SOIL SAMPLE ANALYSIS FOR LEAD AND ARSENIC

A project of Blackford County Concerned Citizens and the Hoosier Environmental Council

Sampling performed by EnviroForensics, Lab analysis by Envision Laboratories

Montpelier Baseball Fields (Former National Window and Bent Glass)

W. Whitney Street

Montpelier, Indiana

Boring Identification	UTM Coordinates (Zone 16N)	Date Sampled	Sample Depth (feet below surface)	Metals in mg/kg (parts per million)*	
				Lead	Arsenic
MBB - 1	N 4490088	4/17/2015	0 - 0.5	12.0	13.0
			0.5 - 1.0		
	E 645161		1.0 - 1.5		
			1.5 - 2.0		
MBB - 2	N 4490079	4/17/2015	0 - 0.5	7.3	5.2
			0.5 - 1.0		
	E 645134		1.0 - 1.5		
			1.5 - 2.0		
MBB - 3	N 4490103	4/17/2015	0 - 0.5	2.0	<2
			0.5 - 1.0		
	E 645116		1.0 - 1.5		
			1.5 - 2.0		
MBB - 4	N 4490092	4/17/2015	0 - 0.5	19.0	3.9
			0.5 - 1.0		
	E 645036		1.0 - 1.5		
			1.5 - 2.0		
MBB - 5	N 4490079	4/17/2015	0 - 0.5	5.6	3.3
			0.5 - 1.0		
	E 645080		1.0 - 1.5		
			1.5 - 2.0		
MBB - 6	N 4490042	4/17/2015	0 - 0.5	15.0	7.1
			0.5 - 1.0		
	E 645087		1.0 - 1.5		
			1.5 - 2.0		
MBB - 7	N 4490003	4/17/2015	0 - 0.5	18.0	5.7
			0.5 - 1.0		
	E 645090		1.0 - 1.5		
			1.5 - 2.0		
MBB - 8	N 4490014	4/17/2015	0 - 0.5	19.0	4.2
			0.5 - 1.0		
	E 645177		1.0 - 1.5		
			1.5 - 2.0		
MBB - 9	N 4490016	4/17/2015	0 - 0.5	18.0	6.9
			0.5 - 1.0	9.0	3.0
	E 645044		1.0 - 1.5	14.0	5.4
			1.5 - 2.0		
MBB - 10	N 4490060	4/17/2015	0 - 0.5	10.4	2.7
			0.5 - 1.0	13.0	5.4
	E 645009		1.0 - 1.5		
			1.5 - 2.0		

MBB - 11	N 4490107	4/17/2015	0 - 0.5	13.0	7.2		
	E 645009		0.5 - 1.0				
			1.0 - 1.5				
			1.5 - 2.0				
MBB - 12	N 4490150	4/17/2015	0 - 0.5	35.0	6.1		
	E 645065		0.5 - 1.0				
			1.0 - 1.5				
			1.5 - 2.0				
MBB - 13	N 4490153	4/17/2015	0 - 0.5	16.0	8.2		
	E 645151		0.5 - 1.0				
			1.0 - 1.5				
			1.5 - 2.0				
MBB - 14	N 4490155	4/17/2015	0 - 0.5	11.0	7.3		
	E 645284		0.5 - 1.0				
			1.0 - 1.5				
			1.5 - 2.0				
MBB - 15	N 4490137	4/17/2015	0 - 0.5	11.0	<2		
	E 645232		0.5 - 1.0				
			1.0 - 1.5				
			1.5 - 2.0				
MBB - 16	N 4490104	4/17/2015	0 - 0.5	15.0	4.4		
	E 645255		0.5 - 1.0			7.7	4.6
			1.0 - 1.5				
			1.5 - 2.0				
MBB - 17	N 4490038	4/17/2015	0 - 0.5	2.0	<2		
	E 645206		0.5 - 1.0			19.0	5.7
			1.0 - 1.5	29.0	5.3		
			1.5 - 2.0				
Soil Direct Contact Levels Residential**				400.0	9.4		
Soil Direct Contact Levels Commercial				800.0	30.0		
Soil Direct Contact Levels Recreational				800.0	130.0		

Notes:

*The lab analysis was EPA method 6010B: Inductively coupled plasma-atomic emission spectrometry

**Soil direct contact levels are taken from Indiana Department of Environmental Management's screening levels for 2015

www.in.gov/idem/landquality/files/risc_screening_table_2015.pdf