PROGRESSIVE
ENGINEERING & CONSTRUCTION, INC.

[illegible] 2020 *Submitted via Email*

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Bridget S Morello

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2019 Annual Groundwater Monitoring Report

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FIGURES

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APPENDICES

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1. INTRODUCTION

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1.1 Site Background

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1.2 Site Hydrogeology

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2. SUMMARY OF WORK IN 2019

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2.1 Groundwater Monitoring

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2.2 Well Field Communication Plan (WFCP) Update

[illegible]

3. RESULTS

[illegible]

3.1 Water Level Data

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3.2 Groundwater Quality Results

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3.2.1 Compliance Wells

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3.2.2 Leading Edge Wells

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3.2.3 Source Area and Off Site Wells

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3.3 Data Validation

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4. CONCLUSIONS/RECOMMENDATIONS

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5. REFERENCES

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TABLES

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		Monitoring Plan	
Monitoring Location	**General Depth, and Screen Interval (ft bTOC)**	**Hydraulic / Water Levels**	**Groundwater Quality**
[illegible]	[illegible]	[illegible]	[illegible]
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Well ID, General Depth, and Screen Interval (ft bTOC) [1]		Ground Surface Elevation (ft AMSL)[2]	Screen Interval (ft AMSL)[2]	Date	Top Of Casing Elevation (ft AMSL) [2]	Depth to Water (ft bTOC)	Potentiometric Surface Elevation (ft AMSL)
MW-01(S)	**Shallow, 25.5-35.5**	**928.3**	**902.8 - 892.8**				
				[illegible]	[illegible]	[illegible]	[illegible]
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MW-02(S)	**Shallow, 18-28**	**921.1**	**907.6 - 897.6**				
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MW-02D(I)	**Intermediate, 23-33**	**922.1**	**899.1 - 889.1**				
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MW-03(S)	**Shallow, 7.5-17.5**	**915.7**	**908.2 - 898.2**				
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MW-04D(S)	**Shallow, 20-30**	**917.1**	**897.1 - 887.1**				
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Well ID, General Depth, and Screen Interval (ft bTOC) [1]		Ground Surface Elevation (ft AMSL)[2]	Screen Interval (ft AMSL)[2]	Date	Top Of Casing Elevation (ft AMSL) [2]	Depth to Water (ft bTOC)	Potentiometric Surface Elevation (ft AMSL)
MW-04DR	**Shallow, 18-28**	**918.1**	**900.1 - 890.1**				
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MW-04D2(I)	**Intermediate, 35-45**	**917.5**	**882.5 - 872.5**				
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MW-05(S)	**Shallow, 18-28**	**919.7**	**901.7 - 891.7**				
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MW-06(I)	**Intermediate, 38-48**	**934.5**	**896.5 - 886.5**				
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MW-06D(D)	**Deep, 54.5-64.5**	**933.9**	**879.4 - 869.4**				
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Well ID, General Depth, and Screen Interval (ft bTOC) [1]		Ground Surface Elevation (ft AMSL)[2]	Screen Interval (ft AMSL)[2]	Date	Top Of Casing Elevation (ft AMSL) [2]	Depth to Water (ft bTOC)	Potentiometric Surface Elevation (ft AMSL)
MW-07(S)	**Shallow, 15-25**	**916.7**	**901.7 - 891.7**				
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MW-07D(I)	**Intermediate, 26.5-36.5**	**917.0**	**890.5 - 880.5**				
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MW-08(S)	**Shallow, 29-39**	**928.5**	**899.5 - 889.5**				
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MW-08D(I)	**Intermediate, 43-53**	**928.1**	**885.1 - 875.1**				
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MW-16(S)	**Shallow, 20 - 30**	**917.2**	**897.2 - 887.2**				
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MW-17(I)	**Intermediate, 38 - 48**	**916.9**	**878.9 - 868.9**				
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Well ID, General Depth, and Screen Interval (ft bTOC) [1]		Ground Surface Elevation (ft AMSL)[2]	Screen Interval (ft AMSL)[2]	Date	Top Of Casing Elevation (ft AMSL) [2]	Depth to Water (ft bTOC)	Potentiometric Surface Elevation (ft AMSL)
MW-P1(S)	**Shallow, 21-31**	**922.6**	**901.6 - 891.6**				
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GSSMW-02(S)	**Shallow, 17.2-27.7**	**911.4**	**894.2 - 884.2**				
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				[illegible]		[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
GSSMW-04(I)	**Intermediate, 38-48**	**923.2**	**885.2 - 875.2**				
				[illegible]	[illegible]	[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
				[illegible]	[illegible]	[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
GSSMW-05(I)	**Intermediate, 68.7-78.7**	**960.0**	**891.3 - 881.3**				
				[illegible]	[illegible]	[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
				[illegible]	[illegible]	[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]

Well ID, General Depth, and Screen Interval (ft bTOC) [1]		Ground Surface Elevation (ft AMSL)[2]	Screen Interval (ft AMSL)[2]	Date	Top Of Casing Elevation (ft AMSL) [2]	Depth to Water (ft bTOC)	Potentiometric Surface Elevation (ft AMSL)
GSSMW-08(I)	**Intermediate, 28-38**	**917.6**	**889.6 - 879.6**				
				[illegible]	[illegible]	[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
				[illegible]	[illegible]	[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
GSSMW-09(I)	**Intermediate, 27-37**	**917.1**	**890.1 - 880.1**				
				[illegible]	[illegible]	[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
				[illegible]	[illegible]	[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
				[illegible]	[illegible]	[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
GSSMW-10(I)	**Intermediate, 27-37**	**917.3**	**890.3 - 880.3**				
				[illegible]	[illegible]	[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
				[illegible]	[illegible]	[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
GSSMW-12(D)	**Deep, 77-97**	**920.5**	**843.5 - 823.5**				
				[illegible]	[illegible]	[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
				[illegible]	[illegible]	[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]

[illegible]

[illegible]

Well ID, General Depth, and Screen Interval (ft bTOC) [1]		Ground Surface Elevation (ft AMSL)[2]	Screen Interval (ft AMSL)[2]	Date	Top Of Casing Elevation (ft AMSL) [2]	Depth to Water (ft bTOC)	Potentiometric Surface Elevation (ft AMSL)
GSSMW-13(D)	**Deep, 73.5-93.5**	**917.0**	**843.5 - 823.5**				
				[illegible]	[illegible]	[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
				[illegible]	[illegible]	[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
GSSMW-14(D)	**Deep, 84-94**	**907.2**	**823.2 - 813.2**				
				[illegible]	[illegible]	[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
				[illegible]	[illegible]	[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
GSSMW-15(I)	**Intermediate, 24-34**	**920.4**	**869.4 - 886.4**				
				[illegible]	[illegible]	[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
				[illegible]	[illegible]	[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
GSSEW-01(D) (EW-01)	**Deep, 38-78**	**918.1**	**880.1 - 840.1**				
				[illegible]	[illegible]	[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
				[illegible]	[illegible]	[illegible]	[illegible]
				[illegible]			

Well ID, General Depth, and Screen Interval (ft bTOC) [1]		Ground Surface Elevation (ft AMSL)[2]	Screen Interval (ft AMSL)[2]	Date	Top Of Casing Elevation (ft AMSL) [2]	Depth to Water (ft bTOC)	Potentiometric Surface Elevation (ft AMSL)
GSSEW-02(D) (EW-02)	**Deep, 34.5-89.5**	**917.0**	**882.5 - 827.5**				
				[illegible]	[illegible]	[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
				[illegible]	[illegible]	[illegible]	[illegible]
				[illegible]			
GSS-P2(D)	**Deep, 41.5-61.5**	**913.4**	**871.9 - 851.9**				
				[illegible]	[illegible]	[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
				[illegible]	[illegible]	[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
GSS-P3(D)	**Deep, 55-65**	**906.0**	**851.0 - 841.0**				
				[illegible]	[illegible]	[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
				[illegible]	[illegible]	[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
PW-01(D)	**Deep, 75-95**	**907.2**	**832.2 - 812.2**				
				[illegible]	[illegible]	[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
				[illegible]	[illegible]	[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
PW-02(D)	**Deep, 67-93**	**907.9**	**840.9 - 814.9**				
				[illegible]	[illegible]	[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
				[illegible]	[illegible]	[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]

[illegible]

[illegible]

Well ID, General Depth, and Screen Interval (ft bTOC) [1]		Ground Surface Elevation (ft AMSL)[2]	Screen Interval (ft AMSL)[2]	Date	Top Of Casing Elevation (ft AMSL) [2]	Depth to Water (ft bTOC)	Potentiometric Surface Elevation (ft AMSL)
PW-03A(D)	Deep, 46-61 and 71-91	908.6	862.6-847.6 and 837.6 - 817.6				
				[illegible]	[illegible]	[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
				[illegible]	[illegible]	[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
PW-04(D)	Deep, 65-92	909.4	844.4 - 817.4				
				[illegible]	[illegible]	[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
				[illegible]	[illegible]	[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
				[illegible]		[illegible]	[illegible]
BM-1	Creek Level			[illegible]	[illegible]		[illegible]
				[illegible]			[illegible]
				[illegible]			[illegible]
				[illegible]			[illegible]
BM-2	Creek Level			[illegible]	[illegible]		[illegible]
				[illegible]			[illegible]
				[illegible]			[illegible]
				[illegible]			[illegible]
BM-3	Creek Level			[illegible]	[illegible]		[illegible]
				[illegible]			[illegible]
				[illegible]			[illegible]
				[illegible]			[illegible]

[illegible]

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Sample Location	Sample Date	PCE (μg/L)	TCE (μg/L)	cis-1,2-DCE (μg/L)	trans-1,2-DCE (μg/L)	1,1,1-TCA (μg/L)
MCLs		5	5	70	100	200
MW-01(S)	□0 □□□□□□□	□□	□□□	□□□	□□□	□□0
	□0 □□□□□□□□□□□	□□	□□□	□□□	□□□	□□□0
	2□□M□r□□□	□□0	□□□	□□□	□□□	□020
	□□□ □□□□□	□□□2	□□□	0□□	□□□	□□□
	22□□□□□□2	□0	2□0	□□□	□□□	□□0
	□□□□□□□□2	□0	□□0	□□□	□□□	□□0
	□□□M□□□□□	□2	2□0	□□□	□□□	□□0
	□□□M□□□□□	□□	2□0	□□□	□□□	□□0 □
	□□M□□□□□	□□	□00	□□□	□□□	2□0
	□□M□□□□□	□□0	2□0	□□□	□□□	□00
	□0□M□□□□□	□0	□□0	□□□	□□□	2□0
	□□□M□□□00	□□	□□0	□□□	□□□	2□0
	2□□M□□□0□	2□	□□0	□□□	□□□	2□0
	□□M□□□02	2□	□0	□□□	□□□	□□0
	□□M□□□0□	□□	□□	□□□	□□□	□20
	2□□□ □□□□□	□□	□□	□□□	□□□	□□
	20□□□□□□	□□ □	□□ □	□0□□ □	□0□□ □	□□ □
	□□□ □□□□□	□2	□□	□□□	□□□	□0
	□□□□□□□□□	□□	□□	□□□	□□□	□□
MW-02(S)	□0 □□□□□□□	□□	□□	□□2	□2	□00
	2□□M□r□□□	□□2	□□0	□□□	2□	□0□0
	□2□M□□□□□	□□0	□200	□□0	□□□	□□0
	2□□□ □□□□□	□□	2□0	2□	□□□	□□0
	□□□□□□□□□	□□ □	220 □	2□ □	□□□ □	□□0 □
	20□□ □□□□□	□□	□□0	2□	□□□	□20
	□□□ □□□□□	□□0	□□0	□□	□□□	□□0
	□□□□ □□□□□	□2	2□0	□□	□□2	□□0
	□□□□□□□□□	□□	2□0	□□	0□□2 □	□20
	□□□□ □□□□□	□□0	□□0	20	□□□	200

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□r□□□□□□ □□□□□□□□ □□□□r□□□□□□ □□□

Sample Location	Sample Date	PCE (µg/L)	TCE (µg/L)	cis-1,2-DCE (µg/L)	trans-1,2-DCE (µg/L)	1,1,1-TCA (µg/L)
MCLs		5	5	70	100	200
MW-02D(I)	□□□□□□□2	□□0	□□00	□20	□□□	□□00
	□□□M□□□□	2□0	□000	□□0	□□□	□00
	□□M□□□□	□□0	□□0	2□0	□□□	□□0
	□□M□□□□	□□0	□□0	□□0	□□□	2□0
	□□M□□□□	□00	□□0	□□0	□□□	220
	□0□M□□□□	□□0	220	□0	□□	□20
	□□□M□□00	2□0	220	□2	2□□ □	□20
	2□□M□□0□	2□0	□□0	□□	□□□	□□
	□□M□□02	□□0	□20	□□	□□□	□□
	□□M□□0□	□□0	□0	□0	□□□	□0
	□0□M□□0□	□□	□□	□	□□□□	□□
	□0□□□□0□	□□0	□□	□□	□0□□□	□□
	□□M□□0□	□□	□□	□□	□2□□	□□
	20□□□□0□	□□	□0	□□	□□□□	2□
	□□□M□□0□	□□0	□□0	2□	□□□	□□
	2□□□□□0□	□□0	□20	2□	□□□	□□
	2□□□□r□0□	□□0	□□0	□□	□□□	□□
	□□□□□0□	□□0	□□0	□□	2□□	□20
	□□□M□r□0□	□□0	□□0	2	2□□	□□
	□□□□□□0□	□□0	220	□□	2□□	□□0
	□□□M□□□□	□□0	□□0	□□	2□□	□00
	□□□□□□□□	□□0	200	□0	□□□	□□0
	□0□M□□□□2	□□0	□□0	□□	2□□	200
	□□□□□□□□2	□□0	□20	□2	0□□	□□0
	□□□□□□□□□	□20	2□0	□□	2□0	□□0
	□□□□□□□□	□□0	□□0	□□	2□□	□□0
	2□□□□□□□	2□0	□□0	2□	□□□	2□0
	□0□□□□□□□	□□0	□□0	20	□□□	□□0
	□□□□□□□□□	□00 □	2□0 □	□0 □	□□□ □	□□0 □
	20□□□□□□□	□□0	□00	2□	2□2	220
	□□□□□□□□	□□0	□00	2□	□□□	□□0
	□□□□□□□□□	□□0	□□0	□□	□□□	□□0
	□□□□□□□□□	□20	□□0	□□	0□□□ □	□□0
	□□□□□□□□□	2□0	□20	□□	□□□	2□0
MW-03(S)	□0□□□□□□□	0□□	□□□□	□□□	□□□	□□□
	2□□M□r□□□	□□□	20□0	□□□	□□□	□□□
	□□□□□□□□	□□□	2□□□	□□□	□□□	□□□
	22□□□□□□2	□□□	□2□0	□□□	□□□	2□0 □
	□□□□□□□□2	□□□	□□□	□□□	□□□	□□□
	□2□M□□□□	□□□	□□0	□	□□□	□□□
	□□M□□02	□□□	□□□	□□□	□□□	□□□
	2□□□□□□□	□□□	□□□	□□□	□□□	□□□
	□□□□□□□□□	□0□□ □	□0□□ □	□0□□ □	□0□□ □	□0□□ □
	□□□□□□□□	□□□	□□□	□□□	□□□	□□□
MW-04	□0□□□□□□□	□□0	□0□0	□0	□□□	□□0
	2□□M□r□□□	□22	2□□0	□□	□□□	□□2
	□□□□□□□□	□□□	□□□	□□2	□□□	□□□
	□□□□□□□□□□□	2□□	□□□0	□□	□□□	□□□0
	22□□□□□□2	□□0	□□00	□□	□□□	2200
	□□□□□□□□2	2□0	2□00	□0	□□□	□□00
	□□□M□□□□	□□0	2□00	□□□	□□□	□□0
	□□M□□□□	□□□	□□□	□□□	□□□	□□□
	□ □□□□□□□d□□□d					

[illegible]

[illegible]

Sample Location	Sample Date	PCE (μg/L)	TCE (μg/L)	cis-1,2-DCE (μg/L)	trans-1,2-DCE (μg/L)	1,1,1-TCA (μg/L)
MCLs		5	5	70	100	200
MW-04D	[illegible]	[illegible]	[illegible]	[illegible]	20	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	220
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]					
MW-04DR(S)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	22
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MW-04D2(I)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[illegible]

[illegible]

Sample Location	Sample Date	PCE (µg/L)	TCE (µg/L)	cis-1,2-DCE (µg/L)	trans-1,2-DCE (µg/L)	1,1,1-TCA (µg/L)
MCLs		5	5	70	100	200
MW-04D2(I)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	20	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MW-05(S)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MW-06(I)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	20	[illegible]	[illegible]	200
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	220

[illegible]

Sample Location	Sample Date	PCE (µg/L)	TCE (µg/L)	cis-1,2-DCE (µg/L)	trans-1,2-DCE (µg/L)	1,1,1-TCA (µg/L)
MCLs		5	5	70	100	200
MW-06(I)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	220
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	220
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	22	[illegible]	[illegible]	[illegible]
MW-06D(D)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	2	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MW-07(S)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[illegible]

Sample Location	Sample Date	PCE (µg/L)	TCE (µg/L)	cis-1,2-DCE (µg/L)	trans-1,2-DCE (µg/L)	1,1,1-TCA (µg/L)
MCLs		5	5	70	100	200
MW-07D(I)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	22[illegible]2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	2[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	2[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	2[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	2[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	2[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	2[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	20[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[illegible]

Sample Location	Sample Date	PCE (µg/L)	TCE (µg/L)	cis-1,2-DCE (µg/L)	trans-1,2-DCE (µg/L)	1,1,1-TCA (µg/L)
MCLs		5	5	70	100	200
MW-08(S)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[illegible]
[illegible]

Sample Location	Sample Date	PCE (µg/L)	TCE (µg/L)	cis-1,2-DCE (µg/L)	trans-1,2-DCE (µg/L)	1,1,1-TCA (µg/L)
MCLs		5	5	70	100	200
MW-08(S)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	2	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	20	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MW-08D(I)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MW-16(S)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[illegible]

Sample Location	Sample Date	PCE (µg/L)	TCE (µg/L)	cis-1,2-DCE (µg/L)	trans-1,2-DCE (µg/L)	1,1,1-TCA (µg/L)
MCLs		5	5	70	100	200
MW-17(I)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MW-P1(S)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	22
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	22
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[illegible]

[illegible]

Sample Location	Sample Date	PCE (µg/L)	TCE (µg/L)	cis-1,2-DCE (µg/L)	trans-1,2-DCE (µg/L)	1,1,1-TCA (µg/L)
MCLs		5	5	70	100	200
GSSMW-01	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]					
GSSMW-02(S)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[illegible]

Sample Location	Sample Date	PCE (µg/L)	TCE (µg/L)	cis-1,2-DCE (µg/L)	trans-1,2-DCE (µg/L)	1,1,1-TCA (µg/L)
MCLs		5	5	70	100	200
GSSMW-03	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]					
GSSMW-03D	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]					
GSSMW-04(I)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[illegible]

Sample Location	Sample Date	PCE (µg/L)	TCE (µg/L)	cis-1,2-DCE (µg/L)	trans-1,2-DCE (µg/L)	1,1,1-TCA (µg/L)
MCLs		5	5	70	100	200
GSSMW-05(I)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GSSMW-06	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]					

[illegible]

[illegible]

Sample Location	Sample Date	PCE (µg/L)	TCE (µg/L)	cis-1,2-DCE (µg/L)	trans-1,2-DCE (µg/L)	1,1,1-TCA (µg/L)
MCLs		5	5	70	100	200
GSSMW-07	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]					
GSSMW-08(I)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[illegible]

Sample Location	Sample Date	PCE (µg/L)	TCE (µg/L)	cis-1,2-DCE (µg/L)	trans-1,2-DCE (µg/L)	1,1,1-TCA (µg/L)
MCLs		5	5	70	100	200
GSSMW-08(I)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[illegible]

Sample Location	Sample Date	PCE (µg/L)	TCE (µg/L)	cis-1,2-DCE (µg/L)	trans-1,2-DCE (µg/L)	1,1,1-TCA (µg/L)
MCLs		5	5	70	100	200
GSSMW-09(I)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[illegible]

Sample Location	Sample Date	PCE (µg/L)	TCE (µg/L)	cis-1,2-DCE (µg/L)	trans-1,2-DCE (µg/L)	1,1,1-TCA (µg/L)
MCLs		5	5	70	100	200
GSSMW-09(I)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	0.2[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GSSMW-10(I)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	0[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[illegible]

[illegible]

Sample Location	Sample Date	PCE (μg/L)	TCE (μg/L)	cis-1,2-DCE (μg/L)	trans-1,2-DCE (μg/L)	1,1,1-TCA (μg/L)
MCLs		5	5	70	100	200
GSSMW-10(I)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GSSMW-11	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]					
GSSMW-12(D)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GSSMW-13(D)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[illegible]

[illegible]

Sample Location	Sample Date	PCE (µg/L)	TCE (µg/L)	cis-1,2-DCE (µg/L)	trans-1,2-DCE (µg/L)	1,1,1-TCA (µg/L)
MCLs		5	5	70	100	200
GSSMW-14(D)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GSSMW-14(D)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[illegible]

[illegible]

Sample Location	Sample Date	PCE (µg/L)	TCE (µg/L)	cis-1,2-DCE (µg/L)	trans-1,2-DCE (µg/L)	1,1,1-TCA (µg/L)
MCLs		5	5	70	100	200
GSSMW-15(I)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	22	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	20	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	20	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	22 [illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GSSEW-01	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]					
GSSEW-02	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]					
GSS-P2(D)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GSS-P3(D)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
PW-01(D)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
PW-02(D)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[illegible]

Sample Location	Sample Date	PCE (µg/L)	TCE (µg/L)	cis-1,2-DCE (µg/L)	trans-1,2-DCE (µg/L)	1,1,1-TCA (µg/L)
MCLs		5	5	70	100	200
PW-03A(D)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
PW-04(D)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[illegible]

[illegible]

[illegible]

M[illegible]M[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

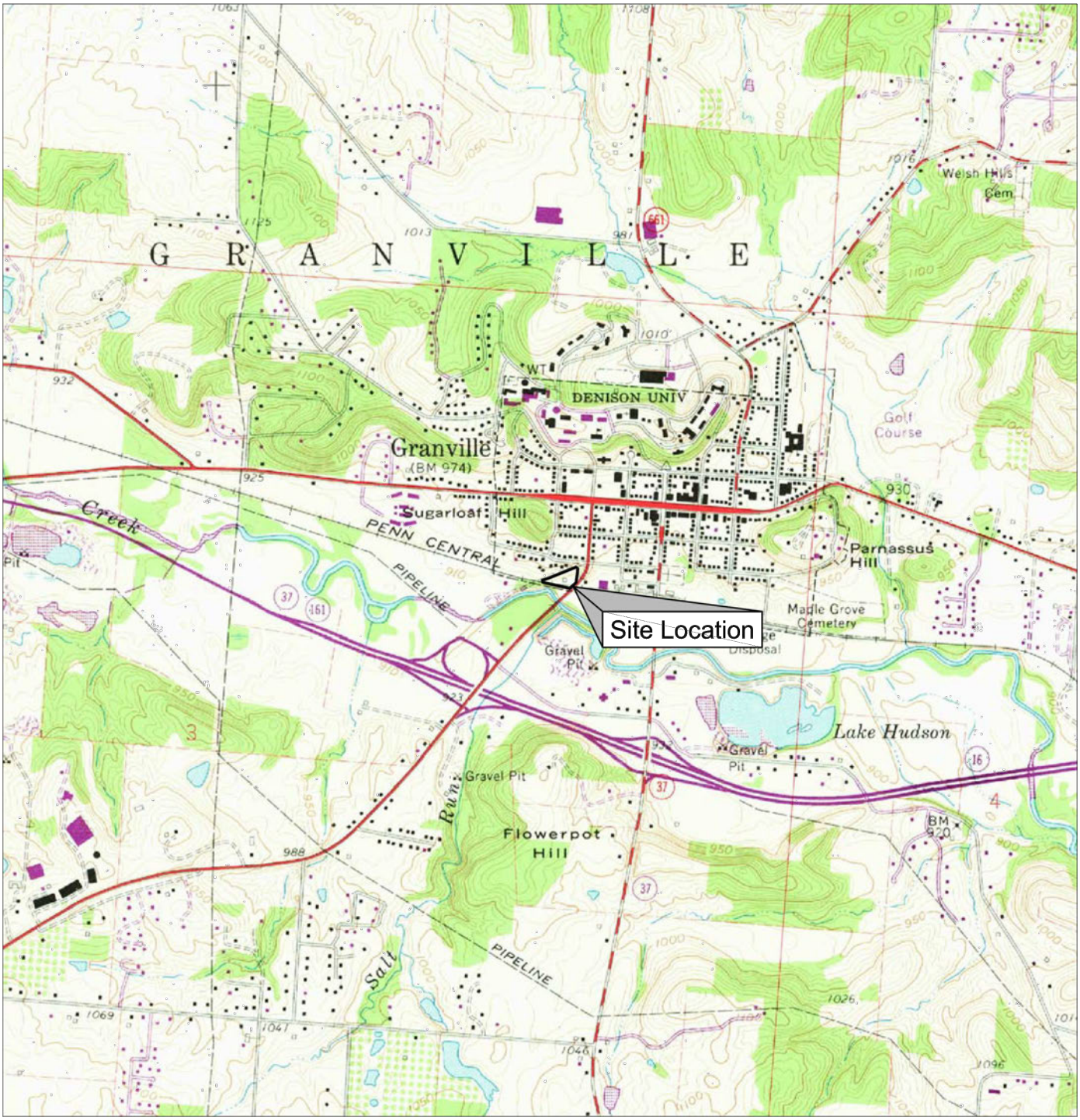
[illegible]

[illegible]

[illegible]

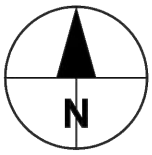
[illegible]

FIGURES



Quadrangle Location

Base Taken From USGS Granville, Ohio
7.5'-Series Topographic Quadrangle.
Date 1961. Photorevised 1974.
Scale 1:24.000.



1" = 2000'

NOTE:
FIGURE SOURCE: AECOM

PROGRESSIVE ENGINEERING & CONSTRUCTION, INC.

12402 N 56th Street, Tampa, Florida 33617
Phone: (813) 930-0669 Fax: (813) 930-9809
Web Site: http://www.progressiveec.com

NO.	REVISION DETAILS	DATE
1		
2		
3		
4		
5		

SITE LOCATION MAP

GRANVILLE SOLVENTS, INC.
GRANVILLE, OHIO

DATE: 12/14/18
DRAWN BY: KWC
APPROVED BY: BM

DRAWING NUMBER: 1

FILE PATH: \\PRO-SV1\worldox\docs\Project\GRANVILL\GRNVLPC\00037917.DWG

SCALE: 1" = 2,000'

Non-Responsive

Non-Responsive

Non-Responsive

Non-Responsive

Non-Responsive

Non-Responsive

Non-Responsive

Non-Responsive

Non-Responsive

Figure 11.
Well **MW-08(S)** Log VOC Concentrations vs. Time - Through November 2019
[Leading Edge Well]

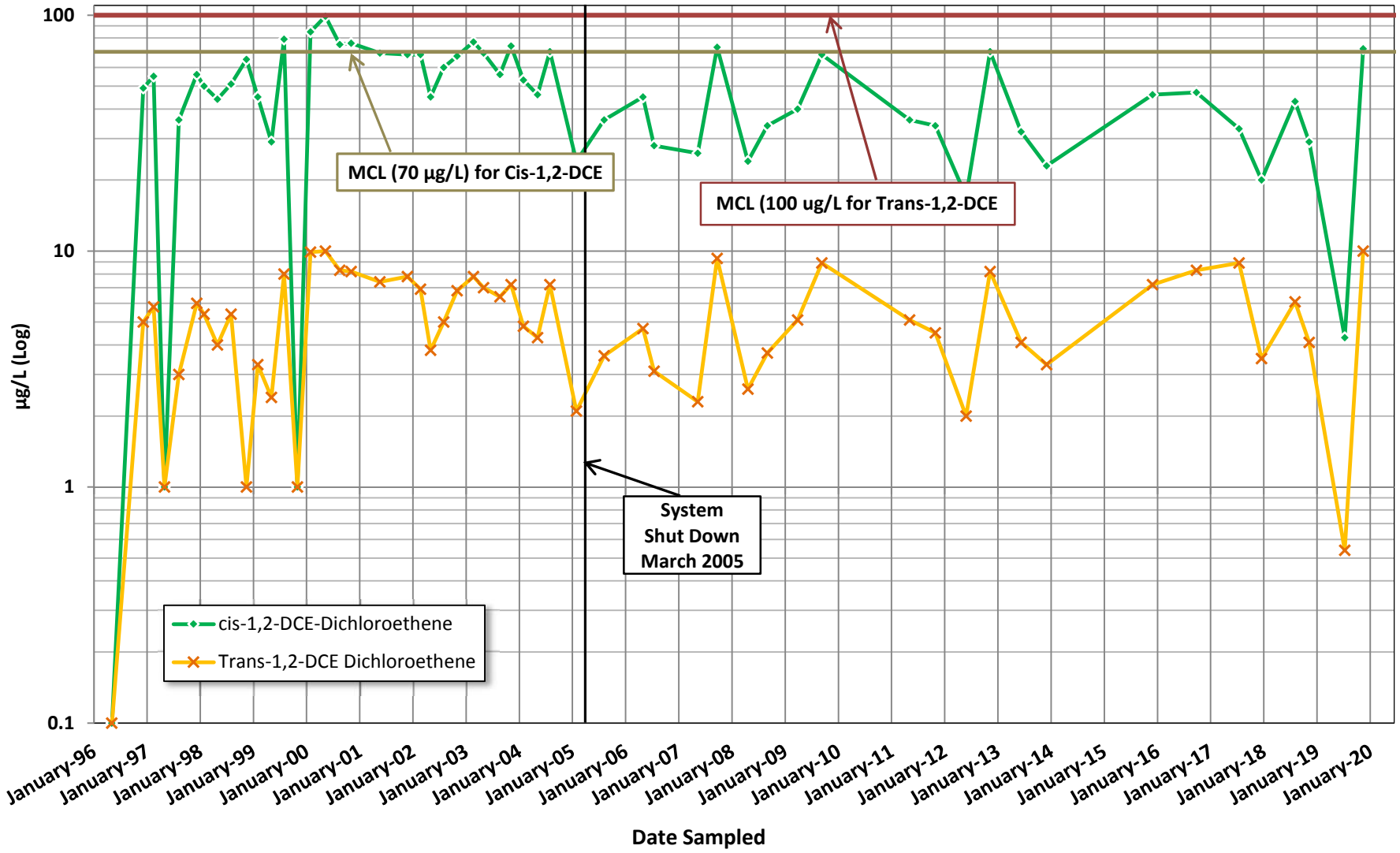
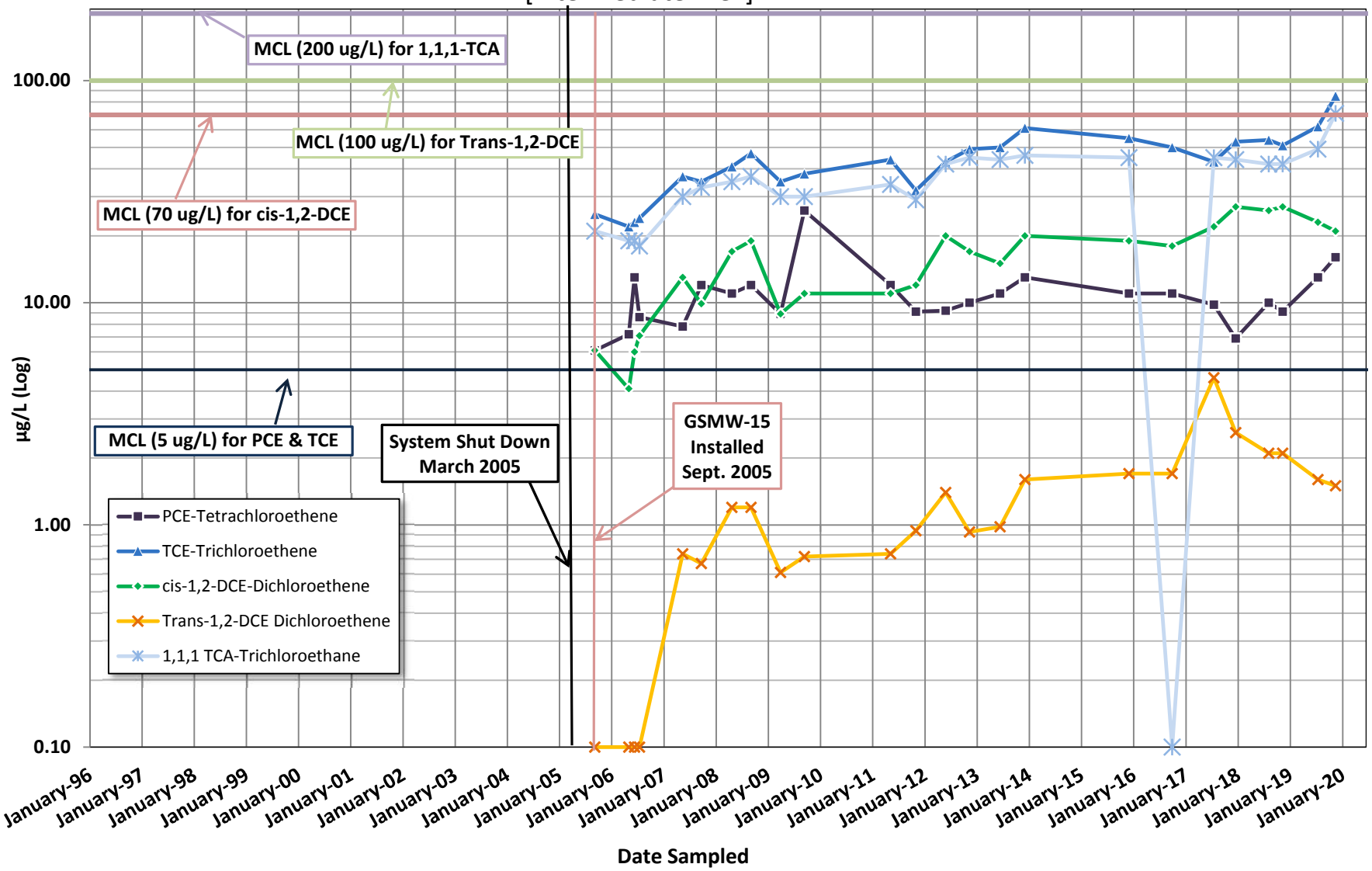
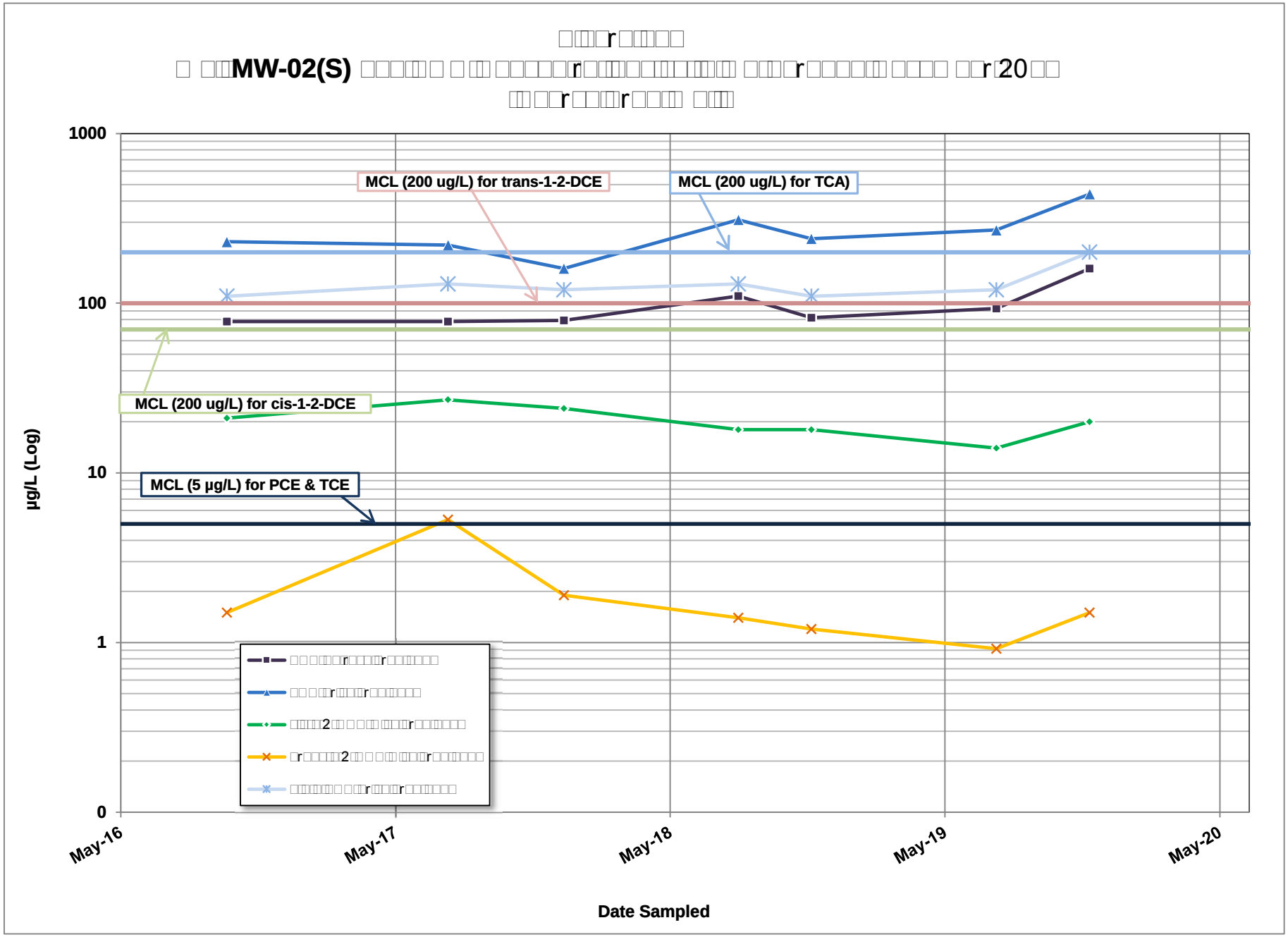
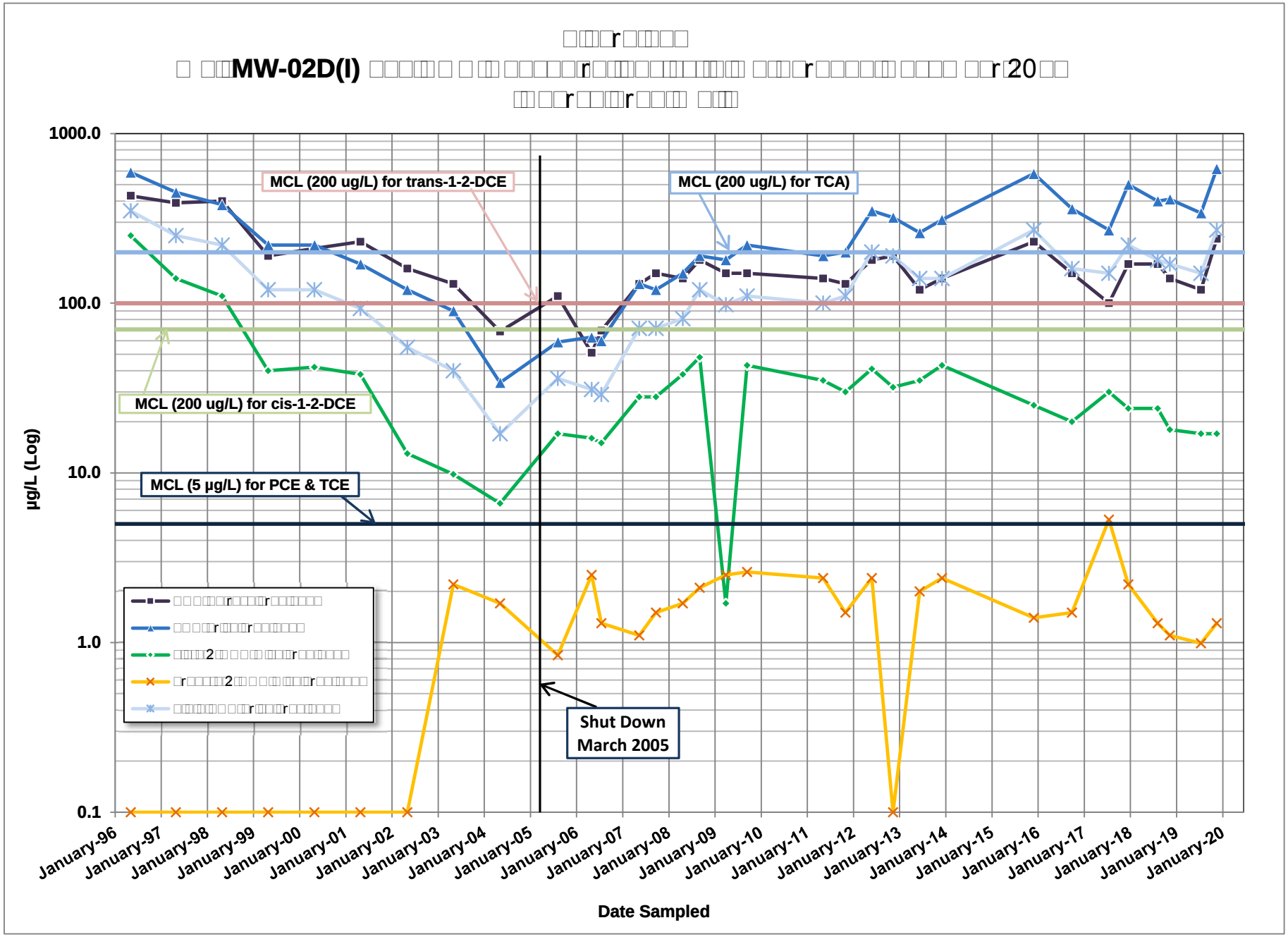
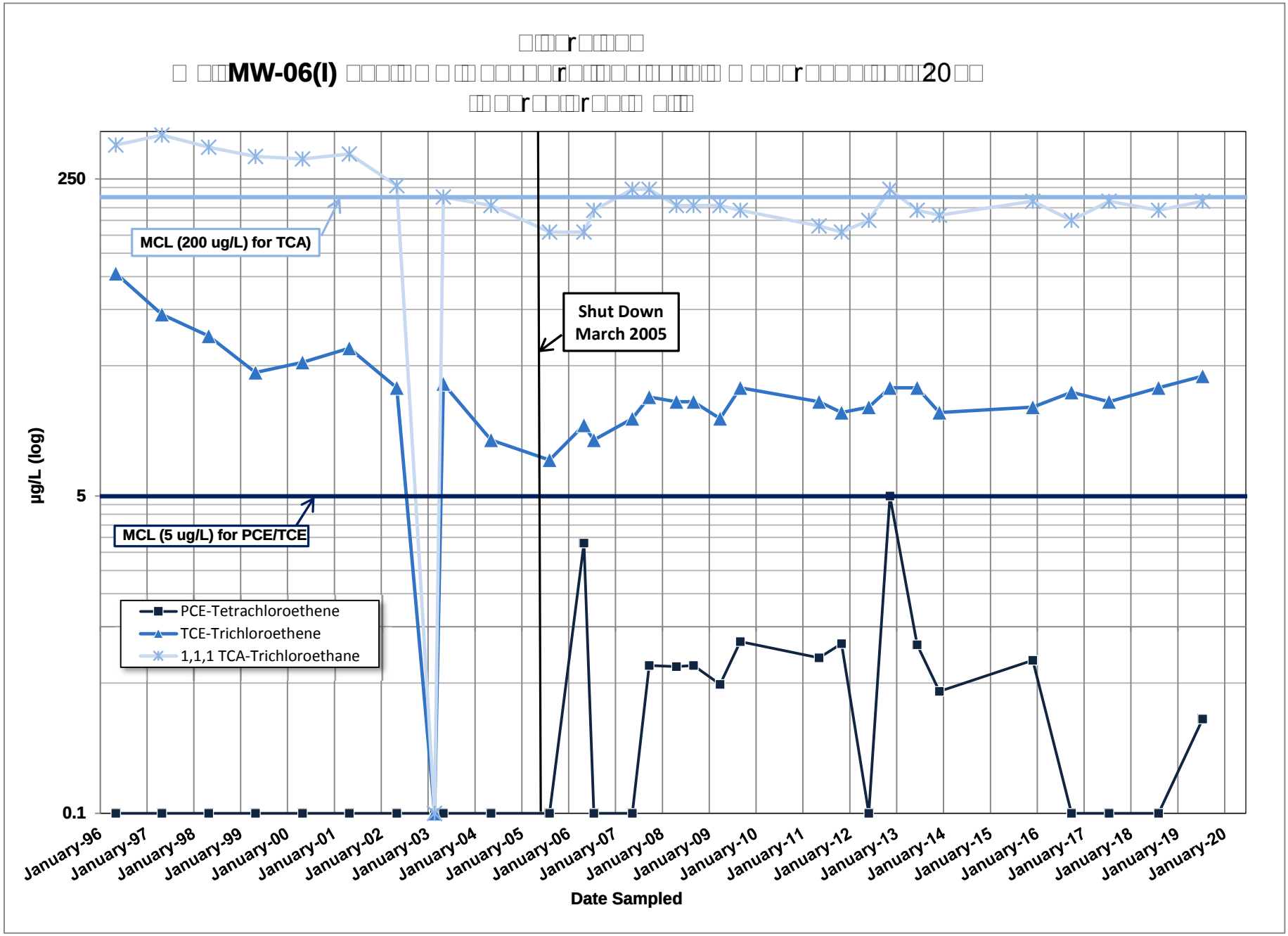


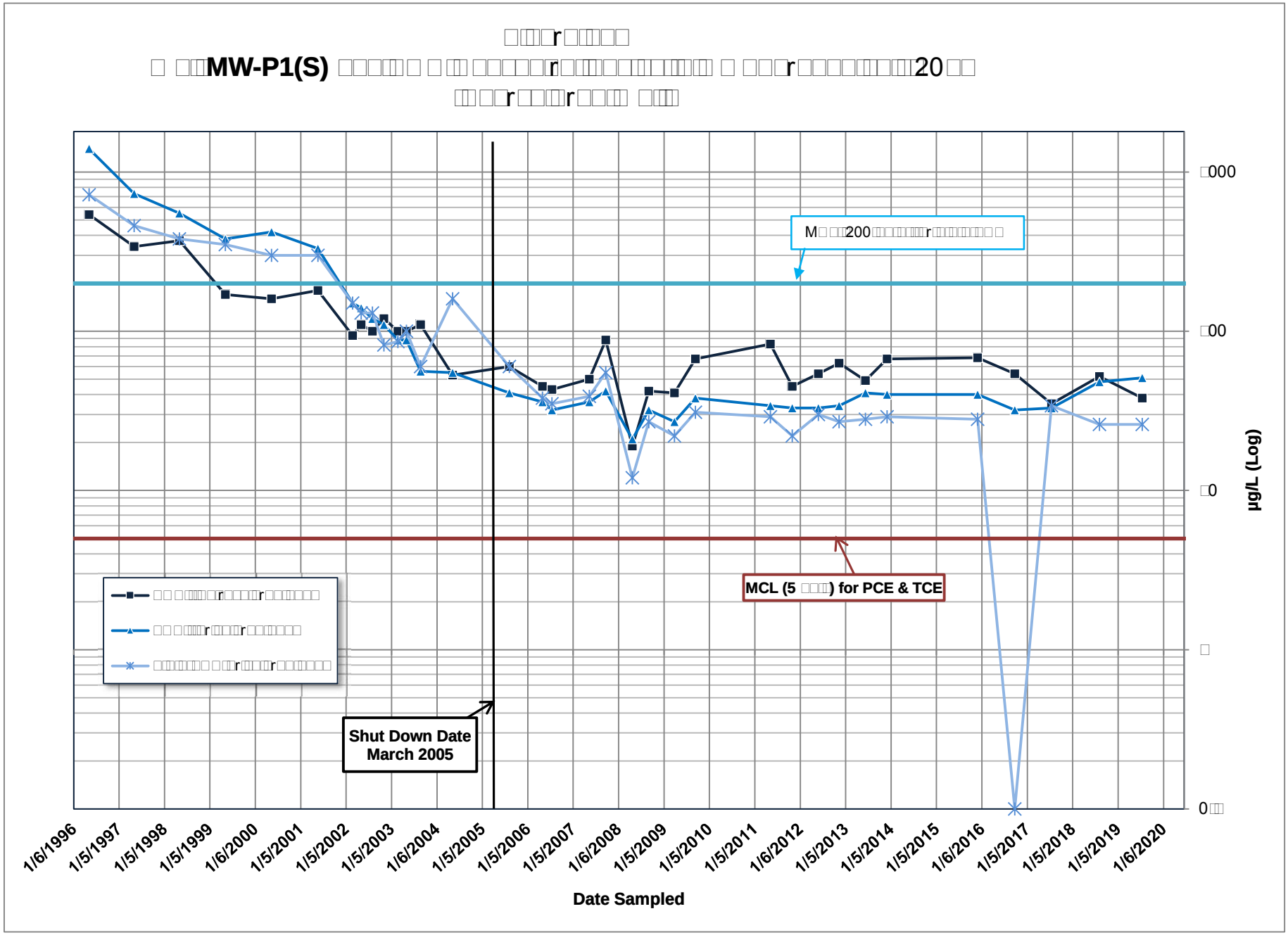
Figure 12.
Well **GSSMW-15(I)** Log VOC Concentrations vs. Time -Through November 2019
[Intermediate Well]




MW-02(S)
MCL (200 ug/L) for trans-1-2-DCE
MCL (200 ug/L) for TCA)
MCL (200 ug/L) for cis-1-2-DCE
MCL (5 µg/L) for PCE & TCE
1000
100
10
1
0
µg/L (Log)
May-16
May-17
May-18
May-19
May-20
Date Sampled


MW-02D(I)
MCL (200 ug/L) for trans-1-2-DCE
MCL (200 ug/L) for TCA)
MCL (200 ug/L) for cis-1-2-DCE
MCL (5 µg/L) for PCE & TCE
Shut Down
March 2005
µg/L (Log)
1000.0
100.0
10.0
1.0
0.1
January-96
January-97
January-98
January-99
January-00
January-01
January-02
January-03
January-04
January-05
January-06
January-07
January-08
January-09
January-10
January-11
January-12
January-13
January-14
January-15
January-16
January-17
January-18
January-19
January-20
Date Sampled


MW-06(I)
250
5
0.1
µg/L (log)
MCL (200 ug/L) for TCA)
Shut Down
March 2005
MCL (5 ug/L) for PCE/TCE
PCE-Tetrachloroethene
TCE-Trichloroethene
1,1,1 TCA-Trichloroethane
January-96
January-97
January-98
January-99
January-00
January-01
January-02
January-03
January-04
January-05
January-06
January-07
January-08
January-09
January-10
January-11
January-12
January-13
January-14
January-15
January-16
January-17
January-18
January-19
January-20
Date Sampled


MW-P1(S)
Shut Down Date
March 2005
MCL (5) for PCE & TCE
µg/L (Log)
Date Sampled
1/6/1996
1/5/1997
1/5/1998
1/5/1999
1/6/2000
1/5/2001
1/5/2002
1/5/2003
1/6/2004
1/5/2005
1/5/2006
1/5/2007
1/6/2008
1/5/2009
1/5/2010
1/5/2011
1/6/2012
1/5/2013
1/5/2014
1/5/2015
1/6/2016
1/5/2017
1/5/2018
1/5/2019
1/6/2020

APPENDIX A

Groundwater Sampling Field Logs and Stabilization Summary Table

GRESSIVE
ENGINEERING & CONSTRUCTION, INC.

GROUNDWATER SAMPLING LOG

WELL NO: **MW-01(S)**	PROJECT NO: P2347
SITE NAME: GRANVILLE SOLVENTS	SITE LOCATION: GRANVILLE, OH — Date: 7/16/19

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): 1/4"	WELL SCREEN INTERVAL: 25.5 feet to 35.5 feet	STATIC DEPTH TO WATER (feet): 30.69	TOTAL DEPTH: 35.5 feet	PURGE PUMP TYPE OR BAILER: BP
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 32'	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 32'	PURGING INITIATED AT: 1735	PURGING ENDED AT: 1811	TOTAL VOLUME PURGED (~~gallons~~): L 9.0	

TIME	VOLUME PURGED (~~gallons~~) L	CUMUL. VOLUME PURGED (~~gallons~~) L	PURGE RATE (~~gpm or~~ ml/min)	DEPTH TO WATER (feet)	pH (standard units)	COND. (mS/cm or us/cm)	TURBIDITY (NTUs)	DISSOLVED OXYGEN (mg/L or % saturation)	TEMP (°C)	ORP (mV)	COLOR/ ODOR (describe)
1745	3.0	3.0	300	30.71	7.04	937	188.3	6.67	13.6	128.5	cloudy/none
1750	1.5	4.5	300	30.71	7.04	935	236.3	6.66	13.5	129.5	" / "
1753	0.90	5.4	300	30.71	7.05	932	186.4	6.68	13.4	129.7	" / "
1756	0.9	6.3	300	30.71	7.07	934	174.4	6.64	13.5	129.9	" / "
1759	0.9	7.2	300	30.71	7.08	932	125.9	6.62	13.5	130.5	" / "
1802	0.9	8.1	300	30.71	7.08	931	132.9	6.62	13.3	130.9	" / "
1805	0.9	9.0	300	30.71	7.08	929	125.0	6.69	13.4	131.1	" / "
1810	SAMPLE										

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **8"= 2.61**; **10"** =4.08; **12"** = 5.88

TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **.170"** = 0.0012; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: ABS / JW PEC	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 1807	SAMPLING ENDED AT: 1811
PUMP OR TUBING DEPTH IN WELL (feet): 32'	SAMPLE PUMP FLOW RATE: (100-500 ml/minute), (1 gallon = 3,785 ml) 300	TUBING MATERIAL CODE: PE	

FIELD DECONTAMINATION: (Y) N — FIELD FILTERED: Y (N) — Filtration Equipment Type: _____ — FILTER SIZE: _____micron — DUPLICATE: Y (N)

SAMPLE ID CODE	SAMPLE CONTAINER SPECIFICATION: # of CONTAINERS	MATERIAL CODE	VOLUME	SAMPLE PRESERVATION: PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-01(S)	2	CG	40mL	HCL	—	—	8260B	PE, S

REMARKS:
High DO

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **LDPE** = Low Density Polyethylene; **HDPE** = High Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **VT** = Vacuum Trap; **O** = Other (Specify)

NOTES:
1. Readings collected every 3-5 minutes.
2. STABILIZATIONCRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS; THREE PARAMETERS ARE REQUIRED, ONE MUST BE SP. COND.

pH: ± 0.1 units, Temperature: ± 0.5 °C, Specific Conductance: ± 3%, Dissolved Oxygen: +/- 0.3mg/L, Turbidity: ≤10 NTU or +/- 10%, ORP: +/- 10mv

If above can't be attained then: Dissolved Oxygen: ± 0.2 mg/l or ± 10% (whichever is greater), Turbidity: ± 5 NTU or ± 10% (whichever if greater)

GRESSIVE
ENGINEERING & CONSTRUCTION, INC.

GROUNDWATER SAMPLING LOG

WELL NO: **MW-02(S)**	PROJECT NO: P2347	
SITE NAME: GRANVILLE SOLVENTS	SITE LOCATION: GRANVILLE, OH	Date: 7/18/19

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL: 13.5 feet to 23.5 feet	STATIC DEPTH TO WATER (feet): 24.39	TOTAL DEPTH: 23.5 feet	PURGE PUMP TYPE OR BAILER: PP
INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):		PURGING INITIATED AT: 0918	PURGING ENDED AT: 0938	TOTAL VOLUME PURGED (~~gallons~~ L): 4.2

TIME	VOLUME PURGED (~~gallons~~ L)	CUMUL. VOLUME PURGED (~~gallons~~ L)	PURGE RATE (gpm or ml/min)	DEPTH TO WATER (feet)	pH (standard units)	COND. (mS/cm or us/cm)	TURBIDITY (NTUs)	DISSOLVED OXYGEN (mg/L or % saturation)	TEMP (°C)	ORP (mV)	COLOR/ ODOR (describe)
0923	1.5	1.5	300	24.60	6.82	784	4.14	0.89	14.2	59.7	clear / none
0926	0.9	2.4	300	24.62	6.86	772	4.38	1.02	14.2	49.1	" / "
0929	0.9	3.3	300	24.64	6.90	765	3.91	1.10	14.0	41.9	" / "
0932	0.9	4.2	300	24.65	6.93	765	2.15	1.00	14.2	26.2	" / "
0935	SAMPLE										

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **8"= 2.61**; **10"** =4.08; **12"** = 5.88

TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **.170"** = 0.0012; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: MBS PEC	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 0930	SAMPLING ENDED AT: 0938
PUMP OR TUBING DEPTH IN WELL (feet):	SAMPLE PUMP FLOW RATE: (100-500 ml/minute), (1 gallon = 3,785 ml) 300	TUBING MATERIAL CODE: PE	

FIELD DECONTAMINATION: Y (N)

FIELD FILTERED: Y N FILTER SIZE: _____micron

Filtration Equipment Type: _____

DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# of CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **LDPE** = Low Density Polyethylene; **HDPE** = High Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **VT** = Vacuum Trap; **O** = Other (Specify)

NOTES:
1. Readings collected every 3-5 minutes.
2. STABILIZATIONCRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS; THREE PARAMETERS ARE REQUIRED, ONE MUST BE SP. COND,
pH: ± 0.1 units, Temperature: ± 0.5 °C, Specific Conductance: ± 3%, Dissolved Oxygen: +/- 0.3mg/L, Turbidity: ≤10 NTU or +/- 10%, ORP: +/- 10mv
If above can't be attained then: Dissolved Oxygen: ± 0.2 mg/l or ± 10% (whichever is greater), Turbidity: ± 5 NTU or ± 10% (whichever if greater)

GRESSIVE
ENGINEERING & CONSTRUCTION, INC.

GROUNDWATER SAMPLING LOG

WELL NO: **MW-02D(I)**	PROJECT NO: P2347	
SITE NAME: GRANVILLE SOLVENTS	SITE LOCATION: GRANVILLE, OH	Date: 7/18/19

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL: 23 feet to 33 feet	STATIC DEPTH TO WATER (feet): 24.78	TOTAL DEPTH: 33 feet	PURGE PUMP TYPE OR BAILER: PP
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 28'	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 28	PURGING INITIATED AT: 941	PURGING ENDED AT: 1000	TOTAL VOLUME PURGED (gallons): 4.2	

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm or ml/min)	DEPTH TO WATER (feet)	pH (standard units)	COND. (mS/cm or us/cm)	TURBIDITY (NTUs)	DISSOLVED OXYGEN (mg/L or % saturation)	TEMP (°C)	ORP (mV)	COLOR/ ODOR (describe)
0946	1.5	1.5	300	24.85	6.97	746	0.00	2.21	14.9	60.4	clear / none
0949	0.9	2.4	300	24.85	6.95	745	0.00	1.96	15.0	63.2	" / "
0952	0.9	3.3	300	24.85	6.96	739	0.00	1.92	14.6	65.9	" / "
0955	0.9	4.2	300	24.85	6.97	740	0.00	1.90	14.8	67.0	" / "
0958	SAMPLE										

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **8"= 2.61**; **10"** =4.08; **12"** = 5.88

TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **.170"** = 0.0012; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: ABS / TW PEC	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 0957	SAMPLING ENDED AT: 1000
PUMP OR TUBING DEPTH IN WELL (feet): 28'	SAMPLE PUMP FLOW RATE: (100-500 ml/minute), (1 gallon = 3,785 ml) 300	TUBING MATERIAL CODE: PE	

FIELD DECONTAMINATION: Y (N) FIELD FILTERED: Y (N) FILTER SIZE: _____micron
Filtration Equipment Type: _____ DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# of CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-02D(I)	2	CG	40mL	HCl	—	—	8260B	PE, S

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **LDPE** = Low Density Polyethylene; **HDPE** = High Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **VT** = Vacuum Trap; **O** = Other (Specify)

NOTES:
1. Readings collected every 3-5 minutes.
2. STABILIZATIONCRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS; THREE PARAMETERS ARE REQUIRED, ONE MUST BE SP. COND.

pH: ± 0.1 units, Temperature: ± 0.5 °C, Specific Conductance: ± 3%, Dissolved Oxygen: +/- 0.3mg/L, Turbidity: ≤10 NTU or +/- 10%, ORP: +/- 10mv

If above can't be attained then: Dissolved Oxygen: ± 0.2 mg/l or ± 10% (whichever is greater), Turbidity: ± 5 NTU or ± 10% (whichever if greater)

GRESSIVE
ENGINEERING & CONSTRUCTION, INC.

GROUNDWATER SAMPLING LOG

WELL NO: **MW-04D(S)** MW-04D R(S)		PROJECT NO: P2347
SITE NAME: GRANVILLE SOLVENTS	SITE LOCATION: GRANVILLE, OH	Date: 7/18/19

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL: 13 feet to 23 feet	STATIC DEPTH TO WATER (feet): 19.97	TOTAL DEPTH: 23 feet	PURGE PUMP TYPE OR BAILER: IPP
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 18'	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 18'	PURGING INITIATED AT: 0810	PURGING ENDED AT: 0830	TOTAL VOLUME PURGED (gallons): 4.8 L	

TIME	VOLUME PURGED (gallons) L	CUMUL. VOLUME PURGED (gallons) L	PURGE RATE (gpm or ml/min)	DEPTH TO WATER (feet)	pH (standard units)	COND. (mS/cm or us/cm)	TURBIDITY (NTUs)	DISSOLVED OXYGEN (mg/L or % saturation)	TEMP (°C)	ORP (mV)	COLOR/ ODOR (describe)
0820	3.0	3.0	300	20.03	6.82	616	4.42	4.10	13.3	87.3	clear / none
0823	0.9	3.9	300	20.03	6.84	609	1.65	4.17	13.2	89.8	" / "
0826	0.9	4.8	300	20.03	6.85	609	1.71	4.29	13.1	92.0	" / "
0828	SAMPLE										

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **8"= 2.61**; **10"** =4.08; **12"** = 5.88

TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **.170"** = 0.0012; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: ABS REC	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 0827	SAMPLING ENDED AT: 0830
PUMP OR TUBING DEPTH IN WELL (feet): 18'	SAMPLE PUMP FLOW RATE: 300 (100-500 ml/minute), (1 gallon = 3.785 ml)	TUBING MATERIAL CODE: PE	

FIELD DECONTAMINATION: Y (N)

FIELD FILTERED: Y (N) FILTER SIZE: _____micron

Filtration Equipment Type: _____

DUPLICATE: Y (N)

SAMPLE ID CODE	SAMPLE CONTAINER SPECIFICATION: # of CONTAINERS	MATERIAL CODE	VOLUME	SAMPLE PRESERVATION: PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-04D(S)	2	CG	40 mL	HCl	—	—	8260B	PE, S

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **LDPE** = Low Density Polyethylene; **HDPE** = High Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **VT** = Vacuum Trap; **O** = Other (Specify)

NOTES:
1. Readings collected every 3-5 minutes.
2. STABILIZATIONCRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS; THREE PARAMETERS ARE REQUIRED, ONE MUST BE SP. COND.

pH: ± 0.1 units, Temperature: ± 0.5 °C, Specific Conductance: ± 3%, Dissolved Oxygen: +/- 0.3mg/L, Turbidity: ≤10 NTU or +/- 10%, ORP: +/- 10mv

If above can't be attained then: Dissolved Oxygen: ± 0.2 mg/l or ± 10% (whichever is greater), Turbidity: ± 5 NTU or ± 10% (whichever if greater)

GRESSIVE
ENGINEERING & CONSTRUCTION, INC.

GROUNDWATER SAMPLING LOG

WELL NO: **MW-04D2(I)**	PROJECT NO: P2347
SITE NAME: GRANVILLE SOLVENTS	SITE LOCATION: GRANVILLE, OH — Date: 7/18/19

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL: 35 feet to 45 feet	STATIC DEPTH TO WATER (feet): 21.62	TOTAL DEPTH: 45 feet	PURGE PUMP TYPE OR BAILER: PP

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): ~40	FINAL PUMP OR TUBING DEPTH IN WELL (feet): ~40	PURGING INITIATED AT: 810	PURGING ENDED AT: 827	TOTAL VOLUME PURGED (~~gallons~~): 4.2 L

TIME	VOLUME PURGED (~~gallons~~ L)	CUMUL. VOLUME PURGED (~~gallons~~ L)	PURGE RATE (gpm or ~~ml/min~~)	DEPTH TO WATER (feet)	pH (standard units)	COND. (mS/cm or us/cm)	TURBIDITY (NTUs)	DISSOLVED OXYGEN (mg/L or % saturation)	TEMP (°C)	ORP (mV)	COLOR/ ODOR (describe)
815	1.5	1.5	300	21.67	7.13	183.9	8.39	0.94	13.3	518	None / None
818	0.9	2.4	300	21.67	7.00	182.2	7.77	0.83	13.2	529	None / None
821	0.9	3.3	300	21.67	6.90	181.	5.89	0.76	13.2	541	" "
824	0.9	4.2	300	21.67	6.92	182.		0.84	13.3	552	" "
825	Sample										

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **8"** = 2.61; **10"** = 4.08; **12"** = 5.88

TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **.170"** = 0.0012; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: J. Whitson PEC	SAMPLER(S) SIGNATURES: [signature]	SAMPLING INITIATED AT: 825	SAMPLING ENDED AT: 827
PUMP OR TUBING DEPTH IN WELL (feet): ~40	SAMPLE PUMP FLOW RATE: (100-500 ml/minute), (1 gallon = 3.785 ml) 300	TUBING MATERIAL CODE: LDPE / S	

FIELD DECONTAMINATION: Y (N) — FIELD FILTERED: Y (N) — FILTER SIZE: _____micron — Filtration Equipment Type: _____ — DUPLICATE: Y (N)

SAMPLE ID CODE	SAMPLE CONTAINER SPECIFICATION: # of CONTAINERS	MATERIAL CODE	VOLUME	SAMPLE PRESERVATION: PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-04D2(I)	2	CG	40mL	HCl	—	—	8260B	PE, S

REMARKS:
MS/MSD - 2

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **LDPE** = Low Density Polyethylene; **HDPE** = High Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Strew Method (Tubing Gravity Drain); **VT** = Vacuum Trap; **O** = Other (Specify)

NOTES:
1. Readings collected every 3-5 minutes.
2. STABILIZATIONCRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS; THREE PARAMETERS ARE REQUIRED, ONE MUST BE SP. COND.

pH: ± 0.1 units, Temperature: ± 0.5 °C, Specific Conductance: ± 3%, Dissolved Oxygen: +/- 0.3mg/L, Turbidity: ≤10 NTU or +/- 10%, ORP: +/- 10mv

If above can't be attained then: Dissolved Oxygen: ± 0.2 mg/l or ± 10% (whichever is greater), Turbidity: ± 5 NTU or ± 10% (whichever if greater)

GRESSIVE
ENGINEERING & CONSTRUCTION, INC.

GROUNDWATER SAMPLING LOG

WELL NO: **MW-06(I)**	PROJECT NO: P2347
SITE NAME: GRANVILLE SOLVENTS	SITE LOCATION: GRANVILLE, OH — Date: 7/18/19

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL: 38 feet to 48 feet	STATIC DEPTH TO WATER (feet): 36.60	TOTAL DEPTH: 48 feet	PURGE PUMP TYPE OR BAILER: BP
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 43'	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 43'	PURGING INITIATED AT: 0730	PURGING ENDED AT: 0752	TOTAL VOLUME PURGED (gallons): 4.8	

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm or ml/min)	DEPTH TO WATER (feet)	pH (standard units)	COND. (mS/cm or us/cm)	TURBIDITY (NTUs)	DISSOLVED OXYGEN (mg/L or % saturation)	TEMP (°C)	ORP (mV)	COLOR/ ODOR (describe)
0740	3.0	3.0	300	36.60	6.98	720	4.41	4.00	14.0	47.3	clear / none
0743	0.9	3.9	300	36.60	6.99	724	4.20	3.91	14.0	48.4	" / "
0746	0.9	4.8	300	36.60	6.99	725	5.04	3.79	14.0	49.3	" / "
0750	SAMPLE										

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **8"= 2.61;** **10"** =4.08; **12"** = 5.88

TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **.170"** = 0.0012; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 0748	SAMPLING ENDED AT: 0752
TBS / TW PEC			
PUMP OR TUBING DEPTH IN WELL (feet): 43'	SAMPLE PUMP FLOW RATE: (100-500 ml/minute), (1 gallon = 3,785 ml) 300	TUBING MATERIAL CODE: PE	

FIELD DECONTAMINATION: (Y) N — FIELD FILTERED: Y (N) — FILTER SIZE: _____micron — Filtration Equipment Type: _____ — DUPLICATE: (Y) N

SAMPLE ID CODE	SAMPLE CONTAINER SPECIFICATION: # of CONTAINERS	MATERIAL CODE	VOLUME	SAMPLE PRESERVATION: PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-06(I)	2	CG	40mL	HCl	—	—	8260B	PE, S

REMARKS:
Dup-2, MS/MSD-1

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **LDPE** = Low Density Polyethylene; **HDPE** = High Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **VT** = Vacuum Trap; **O** = Other (Specify)

NOTES:
1. Readings collected every 3-5 minutes.
2. STABILIZATIONCRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS; THREE PARAMETERS ARE REQUIRED, ONE MUST BE SP. COND.
pH: ± 0.1 units, Temperature: ± 0.5 °C, Specific Conductance: ± 3%, Dissolved Oxygen: +/- 0.3mg/L, Turbidity: ≤10 NTU or +/- 10%, ORP: +/- 10mv
If above can't be attained then: Dissolved Oxygen: ± 0.2 mg/l or ± 10% (whichever is greater), Turbidity: ± 5 NTU or ± 10% (whichever if greater)

GRESSIVE
ENGINEERING & CONSTRUCTION, INC.

GROUNDWATER SAMPLING LOG

WELL NO: **MW-07(S)**		PROJECT NO: P2347
SITE NAME: GRANVILLE SOLVENTS	SITE LOCATION: GRANVILLE, OH	Date: 7/17/19

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL: 15 feet to 25 feet	STATIC DEPTH TO WATER (feet): 18.85	TOTAL DEPTH: 25 feet	PURGE PUMP TYPE OR BAILER: PP
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): -20	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 20-		PURGING INITIATED AT: 1432	PURGING ENDED AT: 1455	TOTAL VOLUME PURGED (gallons): 5.7

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm or ml/min)	DEPTH TO WATER (feet)	pH (standard units)	COND. (mS/cm or us/cm)	TURBIDITY (NTUs)	DISSOLVED OXYGEN (mg/L or % saturation)	TEMP (°C)	ORP (mV)	COLOR/ ODOR (describe)
1442	3.0	3.0	300	18.85	6.91	742	6.47	0.22	15.5	425.2	clear / none
1445	0.9	3.9	300	18.85	6.89	743	6.11	0.20	15.4	440.6	" / "
1448	0.9	4.8	300	18.85	6.88	746	4.21	0.22	15.5	446.4	" / "
1451	0.9	5.7	300	18.85	6.88	738	4.72	0.22	15.3	454.4	" / "
1454	SAMPLE										

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **8"= 2.61**; **10"** =4.08; **12"** = 5.88

TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **.170"** = 0.0012; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: TBS PEC	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 1452	SAMPLING ENDED AT: 1455
PUMP OR TUBING DEPTH IN WELL (feet): 20-	SAMPLE PUMP FLOW RATE (100-500 ml/minute), (1 gallon = 3,785 ml) 300	TUBING MATERIAL CODE: PE	

FIELD DECONTAMINATION: Y (N) FIELD FILTERED: Y (N) Filtration Equipment Type: _____ FILTER SIZE: _____ micron DUPLICATE: Y (N)

SAMPLE ID CODE	SAMPLE CONTAINER SPECIFICATION: # of CONTAINERS	MATERIAL CODE	VOLUME	SAMPLE PRESERVATION: PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-07 (S)	2	LG	40mL	HCl	—	—	8260	PE, S

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **LDPE** = Low Density Polyethylene; **HDPE** = High Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **VT** = Vacuum Trap; **O** = Other (Specify)

NOTES:
1. Readings collected every 3-5 minutes.
2. STABILIZATIONCRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS; THREE PARAMETERS ARE REQUIRED, ONE MUST BE SP. COND.

pH: ± 0.1 units, Temperature: ± 0.5 °C, Specific Conductance: ± 3%, Dissolved Oxygen: +/- 0.3mg/L, Turbidity: ≤10 NTU or +/- 10%, ORP: +/- 10mv

If above can't be attained then: Dissolved Oxygen: ± 0.2 mg/l or ± 10% (whichever is greater), Turbidity: ± 5 NTU or ± 10% (whichever if greater)

GRESSIVE
ENGINEERING & CONSTRUCTION, INC.

GROUNDWATER SAMPLING LOG

WELL NO: **MW-07D(I)**	PROJECT NO: P2347
SITE NAME: GRANVILLE SOLVENTS	SITE LOCATION: GRANVILLE, OH — Date: 7/17/19

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL: 26.5 feet to 36.5 feet	STATIC DEPTH TO WATER (feet): 18.85	TOTAL DEPTH: 36.5 feet	PURGE PUMP TYPE OR BAILER: PP
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): ~30	FINAL PUMP OR TUBING DEPTH IN WELL (feet): ~30	PURGING INITIATED AT: 1428	PURGING ENDED AT: ~~1428~~ 1447	TOTAL VOLUME PURGED (~~gallons~~): 4.0 L	

TIME	VOLUME PURGED (~~gallons~~) L	CUMUL. VOLUME PURGED (~~gallons~~) L	PURGE RATE (gpm or ~~ml/min~~)	DEPTH TO WATER (feet)	pH (standard units)	COND. (mS/cm or us/cm)	TURBIDITY (NTUs)	DISSOLVED OXYGEN (mg/L or % saturation)	TEMP (°C)	ORP (mV)	COLOR/ ODOR (describe)
1438	3.0	3.0	300	18.86	6.93	742	0.00	0.28	16.3	121.0	Non / Non
1441	3.9	0.9	300	18.86	6.85	746	0.00	0.25	16.4	121.0	" / "
1443	4.8	0.9	300	18.86	6.85	754	0.00	0.21	16.4	121.5	" / "
1445	Sample										

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **8"** = 2.61; **10"** =4.08; **12"** = 5.88

TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **.170"** = 0.0012; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: J. Whitson PEC	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 1445	SAMPLING ENDED AT: 1447
PUMP OR TUBING DEPTH IN WELL (feet): ~30	SAMPLE PUMP FLOW RATE: 300 (100-500 ml/minute), (1 gallon = 3,785 ml)	TUBING MATERIAL CODE: LDPE / S	

FIELD DECONTAMINATION: Y (N) — FIELD FILTERED: Y (N) — FILTER SIZE: _____micron — Filtration Equipment Type: _____ — DUPLICATE: Y (N)

SAMPLE ID CODE	SAMPLE CONTAINER SPECIFICATION: # of CONTAINERS	MATERIAL CODE	VOLUME	SAMPLE PRESERVATION: PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-07D(I)	2	CG	40 mL	HCl	–	–	8260	PE, S

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **LDPE** = Low Density Polyethylene; **HDPE** = High Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **VT** = Vacuum Trap; **O** = Other (Specify)

NOTES:
1. Readings collected every 3-5 minutes.
2. STABILIZATIONCRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS; THREE PARAMETERS ARE REQUIRED, ONE MUST BE SP. COND.

pH: ± 0.1 units, Temperature: ± 0.5 °C, Specific Conductance: ± 3%, Dissolved Oxygen: +/- 0.3mg/L, Turbidity: ≤10 NTU or +/- 10%, ORP: +/- 10mv

If above can't be attained then: Dissolved Oxygen: ± 0.2 mg/l or ± 10% (whichever is greater), Turbidity: ± 5 NTU or ± 10% (whichever if greater)

GRESSIVE
ENGINEERING & CONSTRUCTION, INC.

GROUNDWATER SAMPLING LOG

WELL NO: **MW-08(S)**		PROJECT NO: P2347
SITE NAME: GRANVILLE SOLVENTS	SITE LOCATION: GRANVILLE, OH	Date: 7/16/19

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL: 29 feet to 39 feet	STATIC DEPTH TO WATER (feet): 28.99	TOTAL DEPTH: 39 feet	PURGE PUMP TYPE OR BAILER: BP
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 34'	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 34'	PURGING INITIATED AT: 1544	PURGING ENDED AT: 1608	TOTAL VOLUME PURGED (gallons): 3.8 L	

TIME	VOLUME PURGED (gallons) L	CUMUL. VOLUME PURGED (gallons) L	PURGE RATE (gpm or ml/min)	DEPTH TO WATER (feet)	pH (standard units)	COND. (mS/cm or us/cm)	TURBIDITY (NTUs)	DISSOLVED OXYGEN (mg/L or % saturation)	TEMP (°C)	ORP (mV)	COLOR/ ODOR (describe)
1554	2.0	2.0	200	28.99	6.81	743	9.59	6.37	17.4	161.6	clear / none
1557	0.6	2.6	200	28.99	6.82	731	8.10	6.27	17.1	161.9	" / "
1600	0.6	3.2	200	28.99	6.83	728	3.54	6.40	17.1	161.3	" / "
1603	0.6	3.8	200	28.99	6.85	733	3.14	6.37	17.4	160.6	" / "
1607	SAMPLE										

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **8"= 2.61**; **10"** =4.08; **12"** = 5.88

TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **.170"** = 0.0012; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: ABS / TW PEL	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 1604	SAMPLING ENDED AT: 1608
PUMP OR TUBING DEPTH IN WELL (feet): 34'	SAMPLE PUMP FLOW RATE: (100-500 ml/minute), (1 gallon = 3,785 ml) 200	TUBING MATERIAL CODE: PE	

FIELD DECONTAMINATION: Y (N) FIELD FILTERED: Y (N) Filtration Equipment Type: _____ FILTER SIZE: _____micron DUPLICATE: Y (N)

SAMPLE ID CODE	SAMPLE CONTAINER SPECIFICATION: # of CONTAINERS	MATERIAL CODE	VOLUME	SAMPLE PRESERVATION: PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-08(S)	2	CG	40 mL	HCl	—	—	8260	PE, S

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **LDPE** = Low Density Polyethylene; **HDPE** = High Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **VT** = Vacuum Trap; **O** = Other (Specify)

NOTES:
1. Readings collected every 3-5 minutes.
2. STABILIZATIONCRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS; THREE PARAMETERS ARE REQUIRED, ONE MUST BE SP. COND.

pH: ± 0.1 units, Temperature: ± 0.5 °C, Specific Conductance: ± 3%, Dissolved Oxygen: +/- 0.3mg/L, Turbidity: ≤10 NTU or +/- 10%, ORP: +/- 10mv

If above can't be attained then: Dissolved Oxygen: ± 0.2 mg/l or ± 10% (whichever is greater), Turbidity: ± 5 NTU or ± 10% (whichever if greater)

GRESSIVE
ENGINEERING & CONSTRUCTION, INC.

GROUNDWATER SAMPLING LOG

WELL NO: **MW-08D(I)**		PROJECT NO: P2347
SITE NAME: GRANVILLE SOLVENTS	SITE LOCATION: GRANVILLE, OH	Date: 7/16/19

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL: 43 feet to 53 feet	STATIC DEPTH TO WATER (feet): 28.79	TOTAL DEPTH: 53 feet	PURGE PUMP TYPE OR BAILER: BP
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 48'	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 48'	PURGING INITIATED AT: 1624	PURGING ENDED AT: 1705	TOTAL VOLUME PURGED (gallons): 7.2	

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm or ml/min)	DEPTH TO WATER (feet)	pH (standard units)	COND. (mS/cm or us/cm)	TURBIDITY (NTUs)	DISSOLVED OXYGEN (mg/L or % saturation)	TEMP (°C)	ORP (mV)	COLOR/ ODOR (describe)
1634	2.0	2.0	200	28.78	6.82	782	131.9	0.61	14.2	21.1	clear / none
1644	2.0	4.0	200	28.78	6.87	790	108.1	0.76	13.9	4.0	" / "
1654	2.0	6.0	200	28.78	6.90	799	58.03	0.41	14.3	-6.5	cloudy / "
1657	0.6	6.6	200	28.78	6.98	804	60.36	0.47	14.2	1.3	" / "
1700	0.6	7.2	200	28.78	6.90	804	56.24	0.43	14.4	-1.1	" "
1703	SAMPLE										

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **8"** = 2.61; **10"** = 4.08; **12"** = 5.88

TUBING INSIDE DIA. CAPACITY (Gal./FL): **1/8"** = 0.0006; **.170"** = 0.0012; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: BS / JW PEL	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 1702	SAMPLING ENDED AT: 1705
PUMP OR TUBING DEPTH IN WELL (feet): 48'	SAMPLE PUMP FLOW RATE: (100-500 ml/minute), (1 gallon = 3,785 ml) 200	TUBING MATERIAL CODE: PE	

FIELD DECONTAMINATION: (Y) N — FIELD FILTERED: Y (N) — FILTER SIZE: _____micron — Filtration Equipment Type: _____ — DUPLICATE: Y (N)

SAMPLE ID CODE	SAMPLE CONTAINER SPECIFICATION: # of CONTAINERS	MATERIAL CODE	VOLUME	SAMPLE PRESERVATION: PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-08D(I)	2	CG	40 mL	HCl	—	—	8260	PE

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **LDPE** = Low Density Polyethylene; **HDPE** = High Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **VT** = Vacuum Trap; **O** = Other (Specify)

NOTES:
1. Readings collected every 3-5 minutes.
2. STABILIZATIONCRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS; THREE PARAMETERS ARE REQUIRED, ONE MUST BE SP. COND.

pH: ± 0.1 units, Temperature: ± 0.5 °C, Specific Conductance: ± 3%, Dissolved Oxygen: +/- 0.3mg/L, Turbidity: ≤10 NTU or +/- 10%, ORP: +/- 10mv

If above can't be attained then: Dissolved Oxygen: ± 0.2 mg/l or ± 10% (whichever is greater), Turbidity: ± 5 NTU or ± 10% (whichever if greater)

GRESSIVE
ENGINEERING & CONSTRUCTION, INC.

GROUNDWATER SAMPLING LOG

WELL NO: **MW-16(S)**		PROJECT NO: P2347
SITE NAME: GRANVILLE SOLVENTS	SITE LOCATION: GRANVILLE, OH	Date: 7/17/19

PURGING DATA

WELL DIAMETER (inches):	TUBING DIAMETER (inches):	WELL SCREEN INTERVAL: 20 feet to 30 feet	STATIC DEPTH TO WATER (feet): 18.42	TOTAL DEPTH: 30 feet	PURGE PUMP TYPE OR BAILER: PP
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): ~25	FINAL PUMP OR TUBING DEPTH IN WELL (feet): ~25	PURGING INITIATED AT: 1628	PURGING ENDED AT: 1647	TOTAL VOLUME PURGED (gallons): 4.8L	

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm or ml/min)	DEPTH TO WATER (feet)	pH (standard units)	COND. (mS/cm or uS/cm)	TURBIDITY (NTUs)	DISSOLVED OXYGEN (mg/L or % saturation)	TEMP (°C)	ORP (mV)	COLOR/ ODOR (describe)
1638	3.0	3.0	300	18.43	6.87	738	4.58	2.39	13.5	144.5	None/None
1641	0.9	3.9	300	18.43	6.89	744	2.45	2.34	13.8	144.7	~/~
1644	0.9	4.8	300	18.43	6.90	745		2.27	13.8	144.	~/~
1645	Sample										

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **8"= 2.61;** **10"** =4.08; **12"** = 5.88

TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **.170"** = 0.0012; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: J. Whitson PEL	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 1645	SAMPLING ENDED AT: 1647
PUMP OR TUBING DEPTH IN WELL (feet): ~25	SAMPLE PUMP FLOW RATE: (100-500 ml/minute), (1 gallon = 3.785 ml) 300	TUBING MATERIAL CODE: LDPE / S	
FIELD DECONTAMINATION: Y (N)	FIELD FILTERED: Y (N) Filtration Equipment Type: _____	FILTER SIZE: _____micron	DUPLICATE: Y (N)

SAMPLE ID CODE	SAMPLE CONTAINER SPECIFICATION: # of CONTAINERS	MATERIAL CODE	VOLUME	SAMPLE PRESERVATION: PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-16(S)	2	CG	40 mL	HCl	—	—	8260	PE, S

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **LDPE** = Low Density Polyethylene; **HDPE** = High Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **VT** = Vacuum Trap; **O** = Other (Specify)

NOTES:
1. Readings collected every 3-5 minutes.
2. STABILIZATIONCRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS; THREE PARAMETERS ARE REQUIRED, ONE MUST BE SP. COND.

pH: ± 0.1 units, Temperature: ± 0.5 °C, Specific Conductance: ± 3%, Dissolved Oxygen: +/- 0.3mg/L, Turbidity: ≤10 NTU or +/- 10%, ORP: +/- 10mv

If above can't be attained then: Dissolved Oxygen: ± 0.2 mg/l or ± 10% (whichever is greater), Turbidity: ± 5 NTU or ± 10% (whichever if greater)

GRESSIVE
ENGINEERING & CONSTRUCTION, INC.

GROUNDWATER SAMPLING LOG

WELL NO: **MW-17(I)**	PROJECT NO: P2347	
SITE NAME: GRANVILLE SOLVENTS	SITE LOCATION: GRANVILLE, OH	Date: 7/17/19

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): 1/4"	WELL SCREEN INTERVAL: 38 feet to 48 feet	STATIC DEPTH TO WATER (feet): 17.27	TOTAL DEPTH: 48 feet	PURGE PUMP TYPE OR BAILER: PP
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 43'	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 43"		PURGING INITIATED AT: 1631	PURGING ENDED AT: 1649	TOTAL VOLUME PURGED (~~gallons~~ L): 4.2

TIME	VOLUME PURGED (~~gallons~~ L)	CUMUL. VOLUME PURGED (~~gallons~~ L)	PURGE RATE (gpm or ml/min)	DEPTH TO WATER (feet)	pH (standard units)	COND. (mS/cm or us/cm)	TURBIDITY (NTUs)	DISSOLVED OXYGEN (mg/L or % saturation)	TEMP (°C)	ORP (mV)	COLOR/ ODOR (describe)
1636	1.5	1.5	300	17.30	7.10	865	5.50	0.69	14.2	512.8	clear / none
1639	0.9	2.4	300	17.30	7.07	870	3.71	0.45	14.4	502.0	" / "
1642	0.9	3.3	300	17.30	7.05	875	4.66	0.37	14.5	495.2	" / "
1645	0.9	4.2	300	17.30	7.03	873	4.74	0.33	14.4	493.7	" / "
1648	SAMPLE										

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **8"= 2.61**; **10"** =4.08; **12"** = 5.88

TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **.170"** = 0.0012; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: TBS PEC	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 1647	SAMPLING ENDED AT: 1649
PUMP OR TUBING DEPTH IN WELL (feet): 43"	SAMPLE PUMP FLOW RATE: (100-500 ml/minute), (1 gallon = 3.785 ml)	TUBING MATERIAL CODE: PE	

FIELD DECONTAMINATION: Y (N) FIELD FILTERED: Y (N) FILTER SIZE: _____micron
Filtration Equipment Type: _____ DUPLICATE: Y (N)

SAMPLE ID CODE	SAMPLE CONTAINER SPECIFICATION: # of CONTAINERS	MATERIAL CODE	VOLUME	SAMPLE PRESERVATION: PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-17(I)	2	CG	40mL	HCl	—	—	8260	PE, S

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **LDPE** = Low Density Polyethylene; **HDPE** = High Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **VT** = Vacuum Trap; **O** = Other (Specify)

NOTES:
1. Readings collected every 3-5 minutes.
2. STABILIZATIONCRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS; THREE PARAMETERS ARE REQUIRED, ONE MUST BE SP. COND.
pH: ± 0.1 units, Temperature: ± 0.5 °C, Specific Conductance: ± 3%, Dissolved Oxygen: +/- 0.3mg/L, Turbidity: ≤10 NTU or +/- 10%, ORP: +/- 10mv
If above can't be attained then: Dissolved Oxygen: ± 0.2 mg/l or ± 10% (whichever is greater), Turbidity: ± 5 NTU or ± 10% (whichever if greater)

GRESSIVE
ENGINEERING & CONSTRUCTION, INC.

GROUNDWATER SAMPLING LOG

WELL NO: **MW-P1(S)**		PROJECT NO: P2347
SITE NAME: GRANVILLE SOLVENTS	SITE LOCATION: GRANVILLE, OH	Date: 7/18/19

PURGING DATA

WELL DIAMETER (Inches):	TUBING DIAMETER (inches):	WELL SCREEN INTERVAL: 21 feet to 31 feet	STATIC DEPTH TO WATER (feet): 24.40	TOTAL DEPTH: 31 feet	PURGE PUMP TYPE OR BAILER: PP

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): ~26	FINAL PUMP OR TUBING DEPTH IN WELL (feet): ~26	PURGING INITIATED AT: 843	PURGING ENDED AT: 857	TOTAL VOLUME PURGED (~~gallons~~): 3.3 L

TIME	VOLUME PURGED (~~gallons~~) L	CUMUL. VOLUME PURGED (~~gallons~~) L	PURGE RATE (~~gpm or~~ ml/min)	DEPTH TO WATER (feet)	pH (standard units)	COND. (mS/cm or us/cm)	TURBIDITY (NTUs)	DISSOLVED OXYGEN (mg/L or % saturation)	TEMP (°C)	ORP (mV)	COLOR/ ODOR (describe)
848	1.5	1.5	300	24.40	7.17	683	4.97	6.55	13.9	552	None/None
851	0.9	2.4	300	24.40	7.16	685	3.67	6.47	13.9	553	" / "
854	0.9	3.3	300	24.40	7.16	684	3.62	6.44	13.9	556	" / "
855	Sample										

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **8"= 2.61;** **10"** =4.08; **12"** = 5.88

TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **.170"** = 0.0012; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: J. Whitson PEL	SAMPLER(S) SIGNATURES: [signature]	SAMPLING INITIATED AT: 855	SAMPLING ENDED AT: 857
PUMP OR TUBING DEPTH IN WELL (feet): ~26	SAMPLE PUMP FLOW RATE: (100-500 ml/minute), (1 gallon = 3,785 ml) 300	TUBING MATERIAL CODE: LDPE / S	

FIELD DECONTAMINATION: Y (N)

FIELD FILTERED: Y (N) FILTER SIZE: _____micron

Filtration Equipment Type: _____

DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# of CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-P1(S)	2	CG	40 mL	HCl	—	—	8260	PE/S

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **LDPE** = Low Density Polyethylene; **HDPE** = High Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **VT** = Vacuum Trap; **O** = Other (Specify)

NOTES:
1. Readings collected every 3-5 minutes.
2. STABILIZATIONCRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS; THREE PARAMETERS ARE REQUIRED, ONE MUST BE SP. COND.

pH: ± 0.1 units, Temperature: ± 0.5 °C, Specific Conductance: ± 3%, Dissolved Oxygen: +/- 0.3mg/L, Turbidity: ≤10 NTU or +/- 10%, ORP: +/- 10mv

If above can't be attained then: Dissolved Oxygen: ± 0.2 mg/l or ± 10% (whichever is greater), Turbidity: ± 5 NTU or ± 10% (whichever if greater)

GRESSIVE
ENGINEERING & CONSTRUCTION, INC.

GROUNDWATER SAMPLING LOG

WELL NO: GSS-P2(D)	PROJECT NO: P2347	
SITE NAME: GRANVILLE SOLVENTS	SITE LOCATION: GRANVILLE, OH	Date: 7/12/19

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL: 41.5 feet to 61.5 feet	STATIC DEPTH TO WATER (feet): 14.62	TOTAL DEPTH: 61.5 feet	PURGE PUMP TYPE OR BAILER: PP

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): ~50'	FINAL PUMP OR TUBING DEPTH IN WELL (feet): ~50'	PURGING INITIATED AT: 1136	PURGING ENDED AT: 1159	TOTAL VOLUME PURGED (gallons): 5.7

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm or ml/min)	DEPTH TO WATER (feet)	pH (standard units)	COND. (mS/cm or us/cm)	TURBIDITY (NTUs)	DISSOLVED OXYGEN (mg/L or % saturation)	TEMP (°C)	ORP (mV)	COLOR/ ODOR (describe)
1146	3.0	3.0	300	14.61	6.93	38.6	5.56	7.73	14.7	455.7	clear / none
1149	0.9	3.9	300	14.61	6.81	37.8	6.44	7.72	14.5	462.5	" / "
1152	0.9	4.8	300	14.61	6.76	38.0	6.16	7.73	14.5	466.4	" / "
1155	0.9	5.7	300	14.61	6.70	37.7	3.71	7.70	14.6	469.7	" / "
1158	SAMPLE										

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **8"**= 2.61; **10"** =4.08; **12"** = 5.88

TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **.170"** = 0.0012; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: YBK / TW PEC	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 1156	SAMPLING ENDED AT: 1159
PUMP OR TUBING DEPTH IN WELL (feet): ~50'	SAMPLE PUMP FLOW RATE: (100-500 ml/minute), (1 gallon = 3,785 ml) 300	TUBING MATERIAL CODE: PE	

FIELD DECONTAMINATION: Y (N)

FIELD FILTERED: Y (N) FILTER SIZE: _____micron

Filtration Equipment Type: _____

DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# of CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
GSS-P2(D)	2	CG	40 mL	~~[illegible]~~ HCl	—	—	8260	PE, S

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **LDPE** = Low Density Polyethylene; **HDPE** = High Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **VT** = Vacuum Trap; **O** = Other (Specify)

NOTES:
1. Readings collected every 3-5 minutes.
2. STABILIZATIONCRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS; THREE PARAMETERS ARE REQUIRED, ONE MUST BE SP. COND.

pH: ± 0.1 units, Temperature: ± 0.5 °C, Specific Conductance: ± 3%, Dissolved Oxygen: +/- 0.3mg/L, Turbidity: ≤10 NTU or +/- 10%, ORP: +/- 10mv

If above can't be attained then: Dissolved Oxygen: ± 0.2 mg/l or ± 10% (whichever is greater), Turbidity: ± 5 NTU or ± 10% (whichever if greater)

GRESSIVE
ENGINEERING & CONSTRUCTION, INC.

GROUNDWATER SAMPLING LOG

WELL NO: **GSS-P3(D)**		PROJECT NO: P2347
SITE NAME: GRANVILLE SOLVENTS	SITE LOCATION: GRANVILLE, OH	Date: 7/17/19

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL: 55 feet to 65 feet	STATIC DEPTH TO WATER (feet): 7.23	TOTAL DEPTH: 65 feet	PURGE PUMP TYPE OR BAILER: PP
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): ~60'	FINAL PUMP OR TUBING DEPTH IN WELL (feet): ~60'	PURGING INITIATED AT: 1047	PURGING ENDED AT: 1119	TOTAL VOLUME PURGED (~~gallons~~) L: 8.4	

TIME	VOLUME PURGED (~~gallons~~) L	CUMUL. VOLUME PURGED (~~gallons~~) L	PURGE RATE (gpm or ~~ml/min~~)	DEPTH TO WATER (feet)	pH (standard units)	COND. (mS/cm or us/cm)	TURBIDITY (NTUs)	DISSOLVED OXYGEN (mg/L or % saturation)	TEMP (°C)	ORP (mV)	COLOR/ ODOR (describe)
1057	3.0	3.0	300	7.55	7.37	616	131.2	0.77	13.6	369.7	cloudy / none
1100	0.9	3.9	300	7.55	7.36	616	11.39	0.70	13.5	378.4	" / "
1103	0.9	4.8	300	7.55	7.35	621	41.19	0.68	13.7	382.8	" / "
1106	0.9	5.7	300	7.55	7.34	618	38.22	0.68	13.7	390.9	" / "
1109	0.9	6.6	300	7.55	7.35	615	19.64	0.66	13.5	396.9	" / "
1112	0.9	7.5	300	7.55	7.35	618	20.06	0.63	13.7	403.9	" / "
1115	0.9	8.4	300	7.55	7.35	621	18.75	0.63	13.8	408.3	" / "
1118	SAMPLE										

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **8"**= 2.61; **10"** =4.08; **12"** = 5.88

TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **.170"** = 0.0012; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: ABS / GW PEL	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 1117	SAMPLING ENDED AT: 1119
PUMP OR TUBING DEPTH IN WELL (feet): ~60'	SAMPLE PUMP FLOW RATE: (100-500 ml/minute), (1 gallon = 3,785 ml) 300	TUBING MATERIAL CODE: PE	
FIELD DECONTAMINATION: Y (N)	FIELD FILTERED: Y (N) Filtration Equipment Type: _____	FILTER SIZE: _____micron	DUPLICATE: Y (N)

SAMPLE ID CODE	SAMPLE CONTAINER SPECIFICATION: # of CONTAINERS	MATERIAL CODE	VOLUME	SAMPLE PRESERVATION: PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
GSS-P3(D)	2	CG	40 mL	HCl	—	—	8260	PE, S

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **LDPE** = Low Density Polyethylene; **HDPE** = High Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **VT** = Vacuum Trap; **O** = Other (Specify)

NOTES:
1. Readings collected every 3-5 minutes.
2. STABILIZATIONCRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS; THREE PARAMETERS ARE REQUIRED, ONE MUST BE SP. COND.

pH: ± 0.1 units, Temperature: ± 0.5 °C, Specific Conductance: ± 3%, Dissolved Oxygen: +/- 0.3mg/L, Turbidity: ≤10 NTU or +/- 10%, ORP: +/- 10mv

If above can't be attained then: Dissolved Oxygen: ± 0.2 mg/l or ± 10% (whichever is greater), Turbidity: ± 5 NTU or ± 10% (whichever if greater)

GRESSIVE
ENGINEERING & CONSTRUCTION, INC.

GROUNDWATER SAMPLING LOG

WELL NO: **GSSMW-08(I)**	PROJECT NO: P2347
SITE NAME: GRANVILLE SOLVENTS	SITE LOCATION: GRANVILLE, OH — Date: 7/17/19

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL: 28 feet to 38 feet	STATIC DEPTH TO WATER (feet): 17.25	TOTAL DEPTH: 38 feet	PURGE PUMP TYPE OR BAILER: PP
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): ~33	FINAL PUMP OR TUBING DEPTH IN WELL (feet): ~33	PURGING INITIATED AT: 1343	PURGING ENDED AT: 1406	TOTAL VOLUME PURGED (gallons): 5.7	

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm or ml/min)	DEPTH TO WATER (feet)	pH (standard units)	COND. (mS/cm or us/cm)	TURBIDITY (NTUs)	DISSOLVED OXYGEN (mg/L or % saturation)	TEMP (°C)	ORP (mV)	COLOR/ ODOR (describe)
1353	3.0	3.0	300	18.25	6.92	496.2	0.0	0.22	13.7	66.9	None / None
1356	0.9	3.9	300	18.25	6.95	494.1	0.0	0.20	13.6	66.0	" / "
1359	0.9	4.8	300	18.25	6.95	497.3	0.0	0.19	13.7	65.8	" / "
1402	0.9	5.7	300	18.25	6.97	496.6	0.0	0.18	13.7	65.6	" / "
1405	SAMPLE										

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **8"= 2.61**; **10"** =4.08; **12"** = 5.88

TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **.170"** = 0.0012; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: J. Whitson / PEC	SAMPLER(S) SIGNATURES: [signature]	SAMPLING INITIATED AT: 1403	SAMPLING ENDED AT: 1406
PUMP OR TUBING DEPTH IN WELL (feet): ~33	SAMPLE PUMP FLOW RATE (100-500 ml/minute), (1 gallon = 3.785 ml): 300	TUBING MATERIAL CODE: LDPE / S	

FIELD FILTERED: Y (N) FILTER SIZE: _____micron

FIELD DECONTAMINATION: Y (N) Filtration Equipment Type: _____ DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# of CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
GSSMW-08(I)	2	CG	40 mL	HCl	—	—	8260	PE, S

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **LDPE** = Low Density Polyethylene; **HDPE** = High Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **VT** = Vacuum Trap; **O** = Other (Specify)

NOTES:
1. Readings collected every 3-5 minutes.
2. STABILIZATIONCRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS; THREE PARAMETERS ARE REQUIRED, ONE MUST BE SP. COND.

pH: ± 0.1 units, Temperature: ± 0.5 °C, Specific Conductance: ± 3%, Dissolved Oxygen: +/- 0.3mg/L, Turbidity: ≤10 NTU or +/- 10%, ORP: +/- 10mv

If above can't be attained then: Dissolved Oxygen: ± 0.2 mg/l or ± 10% (whichever is greater), Turbidity: ± 5 NTU or ± 10% (whichever if greater)

GRESSIVE
ENGINEERING & CONSTRUCTION, INC.

GROUNDWATER SAMPLING LOG

WELL NO: **GSSMW-09(I)**	PROJECT NO: P2347
SITE NAME: GRANVILLE SOLVENTS	SITE LOCATION: GRANVILLE, OH
Date: 7/17/19	

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL: 27 feet to 37 feet	STATIC DEPTH TO WATER (feet): 18.05	TOTAL DEPTH: 37 feet	PURGE PUMP TYPE OR BAILER: PP

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): ~32'	FINAL PUMP OR TUBING DEPTH IN WELL (feet): ~32'	PURGING INITIATED AT: 1317	PURGING ENDED AT: 1341	TOTAL VOLUME PURGED (gallons): 5.7

TIME	VOLUME PURGED (gallons) L	CUMUL. VOLUME PURGED (gallons) L	PURGE RATE (gpm or ml/min)	DEPTH TO WATER (feet)	pH (standard units)	COND. (mS/cm or us/cm)	TURBIDITY (NTUs)	DISSOLVED OXYGEN (mg/L or % saturation)	TEMP (°C)	ORP (mV)	COLOR/ ODOR (describe)
1328	3.0	3.0	300	18.05	7.23	657	10.14	0.52	15.8	221.5	clear w/flecks/none
1331	0.9	3.9	300	18.05	7.03	692	7.38	0.57	15.9	191.9	" / "
1334	0.9	4.8	300	18.05	7.03	685	6.72	0.46	15.7	183.3	" / "
1337	0.9	5.7	300	18.05	7.04	679	6.90	0.36	15.8	174.1	" / "
1340	SAMPLE										

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **8"= 2.61**; **10"** =4.08; **12"** = 5.88

TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **.170"** = 0.0012; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: JBS PEC	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 1338	SAMPLING ENDED AT: 1341
PUMP OR TUBING DEPTH IN WELL (feet): ~32'	SAMPLE PUMP FLOW RATE: (100-500 ml/minute), (1 gallon = 3.785 ml) 300	TUBING MATERIAL CODE: PE	

FIELD FILTERED: Y (N) FILTER SIZE: _____micron

FIELD DECONTAMINATION: Y (N) Filtration Equipment Type: _____ DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# of CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
GSSMW-09(I)	2	CG	40mL	HCl	—	—	8260	PE,S

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **LDPE** = Low Density Polyethylene; **HDPE** = High Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; T = Teflon; **O** = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **VT** = Vacuum Trap; **O** = Other (Specify)

NOTES:
1. Readings collected every 3-5 minutes.
2. STABILIZATIONCRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS; THREE PARAMETERS ARE REQUIRED, ONE MUST BE SP. COND.

pH: ± 0.1 units, Temperature: ± 0.5 °C, Specific Conductance: ± 3%, Dissolved Oxygen: +/- 0.3mg/L, Turbidity: ≤10 NTU or +/- 10%, ORP: +/- 10mv

If above can't be attained then: Dissolved Oxygen: ± 0.2 mg/l or ± 10% (whichever is greater), Turbidity: ± 5 NTU or ± 10% (whichever if greater)

GRESSIVE
ENGINEERING & CONSTRUCTION, INC.

GROUNDWATER SAMPLING LOG

WELL NO: **GSSMW-10(I)** | PROJECT NO: P2347

SITE NAME: GRANVILLE SOLVENTS | SITE LOCATION: GRANVILLE, OH | Date: 7/17/19

PURGING DATA

WELL DIAMETER (inches):	TUBING DIAMETER (inches): .170	WELL SCREEN INTERVAL: 27 feet to 37 feet	STATIC DEPTH TO WATER (feet): 17.98	TOTAL DEPTH: 37 feet	PURGE PUMP TYPE OR BAILER: PP

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): ~30	FINAL PUMP OR TUBING DEPTH IN WELL (feet): ~30	PURGING INITIATED AT: 13:12	PURGING ENDED AT: 1332	TOTAL VOLUME PURGED (gallons): 4.8 L

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm or ml/min)	DEPTH TO WATER (feet)	pH (standard units)	COND. (mS/cm or µS/cm)	TURBIDITY (NTUs)	DISSOLVED OXYGEN (mg/l or % saturation)	TEMP (°C)	ORP (mV)	COLOR/ ODOR (describe)
1322	3.0	3.0	300	17.98	6.85	564	8.14	0.41	14.4	14.8	None / None
1325	0.9	3.9	300	17.98	6.91	565	1.58	0.32	14.4	2.3	" "
1328	0.9	4.8	300	17.98	6.94	567	0.22	0.29	14.4	-6.1	" "
1330	Sample										

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **8"** = 2.61; **10"** = 4.08; **12"** = 5.88

TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **.170"** = 0.0012; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: J. Whitson PEC	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 1330	SAMPLING ENDED AT: 1332
PUMP OR TUBING DEPTH IN WELL (feet): ~30'	SAMPLE PUMP FLOW RATE: (100-500 ml/minute), (1 gallon = 3,785 ml) 300	TUBING MATERIAL CODE: LDPE / S	

FIELD DECONTAMINATION: Y (N) | FIELD FILTERED: Y (N) | FILTER SIZE: _____micron | Filtration Equipment Type: _____ | DUPLICATE: Y (N)

SAMPLE ID CODE	SAMPLE CONTAINER SPECIFICATION: # of CONTAINERS	MATERIAL CODE	VOLUME	SAMPLE PRESERVATION: PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
GSSMW-10(I)	2	CE	40 mL	HCl	—	—	8260 B	PE, S

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **LDPE** = Low Density Polyethylene; **HDPE** = High Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **VT** = Vacuum Trap; **O** = Other (Specify)

NOTES:
1. Readings collected every 3-5 minutes.
2. STABILIZATIONCRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS; THREE PARAMETERS ARE REQUIRED, ONE MUST BE SP. COND.

pH: ± 0.1 units, Temperature: ± 0.5 °C, Specific Conductance: ± 3%, Dissolved Oxygen: +/- 0.3mg/L, Turbidity: ≤10 NTU or +/- 10%, ORP: +/- 10mv

If above can't be attained then: Dissolved Oxygen: ± 0.2 mg/l or ± 10% (whichever is greater), Turbidity: ± 5 NTU or ± 10% (whichever if greater)

GRESSIVE
ENGINEERING & CONSTRUCTION, INC.

GROUNDWATER SAMPLING LOG

WELL NO: **GSSMW-12(D)**	PROJECT NO: P2347	
SITE NAME: GRANVILLE SOLVENTS	SITE LOCATION: GRANVILLE, OH	Date: 7/18/09

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL: 77 feet to 97 feet	STATIC DEPTH TO WATER (feet) 23.89	TOTAL DEPTH: 97 feet	PURGE PUMP TYPE OR BAILER: PP
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): ~87	FINAL PUMP OR TUBING DEPTH IN WELL (feet): ~87	PURGING INITIATED AT: 920	PURGING ENDED AT: 932	TOTAL VOLUME PURGED (~~gallons~~): 3.9 L	

TIME	VOLUME PURGED (~~gallons~~) L	CUMUL. VOLUME PURGED (~~gallons~~) L	PURGE RATE (gpm or ml/min)	DEPTH TO WATER (feet)	pH (standard units)	COND. (mS/cm or us/cm)	TURBIDITY (NTUs)	DISSOLVED OXYGEN (mg/L or % saturation)	TEMP (°C)	ORP (mV)	COLOR/ ODOR (describe)
925	1.5	1.5	300	23.90	7.06	790	2.99	0.49	14.5	495	Non / Non
928	0.9	2.4	300	23.90	7.02	785	3.73	0.36	14.7	457	" / "
931	0.9	3.9	300	23.90	7.02	782	3.91	0.34	14.6	440	" / "
932	Sample										

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **8"= 2.61;** **10"** =4.08; **12"** = 5.88

TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **.170"** = 0.0012; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) /AFFILIATION: J. White PEC	SAMPLER(S) SIGNATURES: [signature]	SAMPLING INITIATED AT: 932	SAMPLING ENDED AT: 933
PUMP OR TUBING DEPTH IN WELL (feet): ~87	SAMPLE PUMP FLOW RATE: (100-500 ml/minute), (1 gallon = 3,785 ml) 300	TUBING MATERIAL CODE: LDPE/S	
FIELD DECONTAMINATION: Y (N)	FIELD FILTERED: Y (N) Filtration Equipment Type: _____	FILTER SIZE: _____ micron	DUPLICATE: (Y) N

SAMPLE ID CODE	SAMPLE CONTAINER SPECIFICATION: # of CONTAINERS	MATERIAL CODE	VOLUME	SAMPLE PRESERVATION: PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
GSSMW-12 (D)	2	CG	40 mL	HCl	—	—	8260	PE, S

REMARKS:
Dup-3

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **LDPE** = Low Density Polyethylene; **HDPE** = High Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **VT** = Vacuum Trap; **O** = Other (Specify)

NOTES:
1. Readings collected every 3-5 minutes.
2. STABILIZATIONCRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS: THREE PARAMETERS ARE REQUIRED, ONE MUST BE SP. COND.
pH: ± 0.1 units, Temperature: ± 0.5 °C, Specific Conductance: ± 3%, Dissolved Oxygen: +/- 0.3mg/L, Turbidity: ≤10 NTU or +/- 10%, ORP: +/- 10mv
If above can't be attained then: Dissolved Oxygen: ± 0.2 mg/l or ± 10% (whichever is greater), Turbidity: ± 5 NTU or ± 10% (whichever if greater)

GRESSIVE
ENGINEERING & CONSTRUCTION, INC.

GROUNDWATER SAMPLING LOG

WELL NO: **GSSMW-13(D)**		PROJECT NO: P2347
SITE NAME: GRANVILLE SOLVENTS	SITE LOCATION: GRANVILLE, OH	Date: 7/18/19

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL: 73.5 feet to 93.5 feet	STATIC DEPTH TO WATER (feet): 20.84	TOTAL DEPTH: 93.5 feet	PURGE PUMP TYPE OR BAILER: PP
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 83'	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 83'	PURGING INITIATED AT: 0845	PURGING ENDED AT: 0907	TOTAL VOLUME PURGED (~~gallons~~ L): 5.7	

TIME	VOLUME PURGED (~~gallons~~ L)	CUMUL. VOLUME PURGED (~~gallons~~ L)	PURGE RATE (gpm or ml/min)	DEPTH TO WATER (feet)	pH (standard units)	COND. (mS/cm or us/cm)	TURBIDITY (NTUs)	DISSOLVED OXYGEN (mg/L or % saturation)	TEMP (°C)	ORP (mV)	COLOR/ ODOR (describe)
0855	3.0	3.0	300	20.85	7.07	749	0.33	0.30	14.0	30.2	clear / none
0858	0.9	3.9	300	20.85	7.09	750	0.00	0.27	13.9	23.4	" / "
0901	0.9	4.8	300	20.85	7.10	748	0.00	0.24	14.0	16.9	" / "
0904	0.9	5.7	300	20.85	7.11	748	0.00	0.22	14.0	14.9	" / "
0906	SAMPLE										

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **8"= 2.61;** **10"** =4.08; **12"** = 5.88

TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **.170"** = 0.0012; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: ABS PEC	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 0905	SAMPLING ENDED AT: 0907
PUMP OR TUBING DEPTH IN WELL (feet): 83'	SAMPLE PUMP FLOW RATE: (100-500 ml/minute), (1 gallon = 3.785 ml) 300	TUBING MATERIAL CODE: PE	

FIELD DECONTAMINATION: Y (N) FIELD FILTERED: Y (N) FILTER SIZE: _____micron
Filtration Equipment Type: _____ DUPLICATE: Y (N)

SAMPLE ID CODE	SAMPLE CONTAINER SPECIFICATION: # of CONTAINERS	MATERIAL CODE	VOLUME	SAMPLE PRESERVATION: PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
GSSMW-13(D)	2	CG	40 mL	HCL	—	—	8260	PE, S

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **LDPE** = Low Density Polyethylene; **HDPE** = High Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **VT** = Vacuum Trap; **O** = Other (Specify)

NOTES:
1. Readings collected every 3-5 minutes.
2. STABILIZATIONCRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS; THREE PARAMETERS ARE REQUIRED, ONE MUST BE SP. COND.

pH: ± 0.1 units, Temperature: ± 0.5 °C, Specific Conductance: ± 3%, Dissolved Oxygen: +/- 0.3mg/L, Turbidity: ≤10 NTU or +/- 10%, ORP: +/- 10mv

If above can't be attained then: Dissolved Oxygen: ± 0.2 mg/l or ± 10% (whichever is greater), Turbidity: ± 5 NTU or ± 10% (whichever if greater)

GRESSIVE
ENGINEERING & CONSTRUCTION, INC.

GROUNDWATER SAMPLING LOG

WELL NO: **GSSMW-14(D)**		PROJECT NO: P2347
SITE NAME: GRANVILLE SOLVENTS	SITE LOCATION: GRANVILLE, OH	Date: 7/17/19

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL: 84 feet to 94 feet	STATIC DEPTH TO WATER (feet): 8.20	TOTAL DEPTH: 94 feet	PURGE PUMP TYPE OR BAILER: PP
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): ~90'	FINAL PUMP OR TUBING DEPTH IN WELL (feet): ~90'	PURGING INITIATED AT: 10:08	PURGING ENDED AT: 0934	TOTAL VOLUME PURGED (gallons): 6.6	

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm or ml/min)	DEPTH TO WATER (feet)	pH (standard units)	COND. (mS/cm or us/cm)	TURBIDITY (NTUs)	DISSOLVED OXYGEN (mg/L or % saturation)	TEMP (°C)	ORP (mV)	COLOR/ ODOR (describe)
1018	3.0	3.0	300	8.22	7.70	491.4	14.04	5.83	13.5	298.4	Clear / none
1021	0.9	3.9	300	8.22	7.62	490.1	18.24	5.78	13.6	311.0	" / "
1024	0.9	4.8	300	8.22	7.58	491.1	25.72	6.10	13.7	321.4	" / "
1027	0.9	5.7	300	8.22	7.53	491.5	20.09	5.94	13.7	329.5	" / "
1030	0.9	6.6	300	8.22	7.53	491.2	14.40	5.97	13.6	335.2	" / "
1033	SAMPLE										

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **8"= 2.61**; **10"** =4.08; **12"** = 5.88

TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **.170"** = 0.0012; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: TBS / TW PEL	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 0931	SAMPLING ENDED AT: 0934
PUMP OR TUBING DEPTH IN WELL (feet): ~90'	SAMPLE PUMP FLOW RATE: (100-500 ml/minute), (1 gallon = 3.785 ml) 300	TUBING MATERIAL CODE: PE	

FIELD FILTERED: Y (N) FILTER SIZE: _____micron

FIELD DECONTAMINATION: Y (N) Filtration Equipment Type: _____ DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# of CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
GSSMW-14(D)	2	RG	40 mL	HCl	—	—	8260	PE, S

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **LDPE** = Low Density Polyethylene; **HDPE** = High Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **VT** = Vacuum Trap; **O** = Other (Specify)

NOTES:
1. Readings collected every 3-5 minutes.
2. STABILIZATIONCRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS; THREE PARAMETERS ARE REQUIRED, ONE MUST BE SP. COND.

pH: ± 0.1 units, Temperature: ± 0.5 °C, Specific Conductance: ± 3%, Dissolved Oxygen: +/- 0.3mg/L, Turbidity: ≤10 NTU or +/- 10%, ORP: +/- 10mv

If above can't be attained then: Dissolved Oxygen: ± 0.2 mg/l or ± 10% (whichever is greater), Turbidity: ± 5 NTU or ± 10% (whichever if greater)

GRESSIVE
ENGINEERING & CONSTRUCTION, INC.

GROUNDWATER SAMPLING LOG

WELL NO: **GSSMW-15(I)**	PROJECT NO: P2347
SITE NAME: GRANVILLE SOLVENTS	SITE LOCATION: GRANVILLE, OH — Date: 7/17/19

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL: 24 feet to 34 feet	STATIC DEPTH TO WATER (feet): 20.60	TOTAL DEPTH: 34 feet	PURGE PUMP TYPE OR BAILER: PP

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): ~30'	FINAL PUMP OR TUBING DEPTH IN WELL (feet): ~30'	PURGING INITIATED AT: 1548	PURGING ENDED AT: 1611	TOTAL VOLUME PURGED (gallons): 6.0

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm or ml/min)	DEPTH TO WATER (feet)	pH (standard units)	COND. (mS/cm or us/cm)	TURBIDITY (NTUs)	DISSOLVED OXYGEN (mg/L or % saturation)	TEMP (°C)	ORP (mV)	COLOR/ ODOR (describe)
1553	1.5	1.5	300	20.63	6.94	735	8.06	1.86	14.3	484.6	clear / none
1556	0.9	2.4	300	20.63	6.93	732	6.01	1.77	14.3	494.0	" / "
1559	0.9	3.3	300	20.63	6.93	728	4.25	1.86	14.2	501.7	" / "
1602	0.9	4.2	300	20.63	6.93	710	3.66	2.70	14.1	511.5	" / "
1605	0.9	5.1	300	20.63	6.92	705	3.58	2.83	14.2	513.9	" / "
1608	0.9	6.0	300	20.63	6.92	707	3.74	3.05	14.4	517.6	" / "
1610	SAMPLE										

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **8"= 2.61**; **10"** =4.08; **12"** = 5.88

TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **.170"** = 0.0012; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: JBS / JW PEL	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 1609	SAMPLING ENDED AT: 1611
PUMP OR TUBING DEPTH IN WELL (feet): ~30'	SAMPLE PUMP FLOW RATE: (100-500 ml/minute), (1 gallon = 3,785 ml) 300	TUBING MATERIAL CODE: PE	

FIELD DECONTAMINATION: Y (N) — FIELD FILTERED: Y (N) — FILTER SIZE: _____ micron — Filtration Equipment Type: _____ — DUPLICATE: (Y) N

SAMPLE ID CODE	SAMPLE CONTAINER SPECIFICATION: # of CONTAINERS	MATERIAL CODE	VOLUME	SAMPLE PRESERVATION: PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
GSSMW-15(I)	2	(CG)	40 mL	HCl	—	—	8260	PE, S
Dup-1	2	CG	40 mL	HCl	—	—	8260	PE, S

REMARKS: Dup-1

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **LDPE** = Low Density Polyethylene; **HDPE** = High Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **VT** = Vacuum Trap; **O** = Other (Specify)

NOTES:
1. Readings collected every 3-5 minutes.
2. STABILIZATIONCRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS; THREE PARAMETERS ARE REQUIRED, ONE MUST BE SP. COND.

pH: ± 0.1 units, Temperature: ± 0.5 °C, Specific Conductance: ± 3%, Dissolved Oxygen: +/- 0.3mg/L, Turbidity: ≤10 NTU or +/- 10%, ORP: +/- 10mv

If above can't be attained then: Dissolved Oxygen: ± 0.2 mg/l or ± 10% (whichever is greater), Turbidity: ± 5 NTU or ± 10% (whichever if greater)

GRESSIVE
ENGINEERING & CONSTRUCTION, INC.

GROUNDWATER SAMPLING LOG

WELL NO: **PW-01(D)**		PROJECT NO: P2347
SITE NAME: GRANVILLE SOLVENTS	SITE LOCATION: GRANVILLE, OH	Date: 7/17/19

PURGING DATA

WELL DIAMETER (inches):	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL: 75 feet to 95 feet	STATIC DEPTH TO WATER (feet): 10.47	TOTAL DEPTH: 95 feet	PURGE PUMP TYPE OR BAILER: PP
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 80'	FINAL PUMP OR TUBING DEPTH IN WELL (feet): ~80'	PURGING INITIATED AT: 0935	PURGING ENDED AT: 0957	TOTAL VOLUME PURGED (gallons): 5.7	

TIME	VOLUME PURGED (~~gallons~~ L)	CUMUL. VOLUME PURGED (~~gallons~~ L)	PURGE RATE (gpm or ml/min)	DEPTH TO WATER (feet)	pH (standard units)	COND. (mS/cm or us/cm)	TURBIDITY (NTUs)	DISSOLVED OXYGEN (mg/L or % saturation)	TEMP (°C)	ORP (mV)	COLOR/ ODOR (describe)
0945	3.0	3.0	300	10.50	8.90	140.2	11.68	0.52	16.3	190.7	clear / none
0948	0.9	3.9	300	10.50	8.92	140.2	12.75	0.52	16.1	215.2	" / "
0951	0.9	4.8	300	10.50	8.94	140.3	11.21	0.52	16.1	226.9	" / "
0954	0.9	5.7	300	10.50	8.95	140.2	10.14	0.50	16.1	232.7	" / "
0956	SAMPLE										

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **8"= 2.61;** **10"** =4.08; **12"** = 5.88

TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **.170"** = 0.0012; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 0955	SAMPLING ENDED AT: 0957
JBS / JBW PEC			
PUMP OR TUBING DEPTH IN WELL (feet): ~80'	SAMPLE PUMP FLOW RATE: (100-500 ml/minute), (1 gallon = 3.785 ml) 300	TUBING MATERIAL CODE: PE	

FIELD DECONTAMINATION: Y (N)

FIELD FILTERED: Y (N) FILTER SIZE: _____micron

Filtration Equipment Type: _____

DUPLICATE: Y (N)

SAMPLE ID CODE	SAMPLE CONTAINER SPECIFICATION: # of CONTAINERS	MATERIAL CODE	VOLUME	SAMPLE PRESERVATION: PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
PW-01(D)	2	CG	40 mL	HCl	—	—	8260	PE.S

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **LDPE** = Low Density Polyethylene; **HDPE** = High Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **VT** = Vacuum Trap; **O** = Other (Specify)

NOTES:
1. Readings collected every 3-5 minutes.
2. STABILIZATIONCRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS; THREE PARAMETERS ARE REQUIRED, ONE MUST BE SP. COND.

pH: ± 0.1 units, Temperature: ± 0.5 °C, Specific Conductance: ± 3%, Dissolved Oxygen: +/- 0.3mg/L, Turbidity: ≤10 NTU or +/- 10%, ORP: +/- 10mv

If above can't be attained then: Dissolved Oxygen: ± 0.2 mg/l or ± 10% (whichever is greater), Turbidity: ± 5 NTU or ± 10% (whichever if greater)

GRESSIVE
ENGINEERING & CONSTRUCTION, INC.

GROUNDWATER SAMPLING LOG

WELL NO: **PW-02(D)**		PROJECT NO: P2347
SITE NAME: GRANVILLE SOLVENTS	SITE LOCATION: GRANVILLE, OH	Date: 7/17/19

PURGING DATA

WELL DIAMETER (inches): NA	TUBING DIAMETER (inches): NA	WELL SCREEN INTERVAL: 67 feet to 93 feet	STATIC DEPTH TO WATER (feet): NA	TOTAL DEPTH: 93 feet	PURGE PUMP TYPE OR BAILER: TAP
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): TAP	FINAL PUMP OR TUBING DEPTH IN WELL (feet): TAP	PURGING INITIATED AT: NA	PURGING ENDED AT: NA	TOTAL VOLUME PURGED (gallons): NA	

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm or ml/min)	DEPTH TO WATER (feet)	pH (standard units)	COND. (mS/cm or us/cm)	TURBIDITY (NTUs)	DISSOLVED OXYGEN (mg/L or % saturation)	TEMP (°C)	ORP (mV)	COLOR/ ODOR (describe)
0912	–	–	–	–	7.28	685		1.04	14.4	131.9	Clear / none
0915	SAMPLE				7.28	685					

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **8"= 2.61;** **10"** =4.08; **12"** = 5.88

TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **.170"** = 0.0012; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: TBS / JW PEC	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT:	SAMPLING ENDED AT: 0915
PUMP OR TUBING DEPTH IN WELL (feet): TAP	SAMPLE PUMP FLOW RATE: (100-500 ml/minute); (1 gallon = 3,785 ml) NA	TUBING MATERIAL CODE: NA	

FIELD DECONTAMINATION: Y (N) FIELD FILTERED: Y (N) FILTER SIZE: _____micron
Filtration Equipment Type: _____ DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# of CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
PW-02(D)	2	CG	40mL	HCl	–	–	8260	NA

REMARKS:
Sampled from hydrant tap, water level too deep for PP, too small for BP

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **LDPE** = Low Density Polyethylene; **HDPE** = High Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **VT** = Vacuum Trap; **O** = Other (Specify)

NOTES:
1. Readings collected every 3-5 minutes.
2. STABILIZATIONCRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS; THREE PARAMETERS ARE REQUIRED, ONE MUST BE SP. COND.

pH: ± 0.1 units, Temperature: ± 0.5 °C, Specific Conductance: ± 3%, Dissolved Oxygen: +/- 0.3mg/L, Turbidity: ≤10 NTU or +/- 10%, ORP: +/- 10mv

If above can't be attained then: Dissolved Oxygen: ± 0.2 mg/l or ± 10% (whichever is greater), Turbidity: ± 5 NTU or ± 10% (whichever if greater)

GRESSIVE
ENGINEERING & CONSTRUCTION, INC.

GROUNDWATER SAMPLING LOG

WELL NO: **PW-03A(D)**	PROJECT NO: P2347	
SITE NAME: GRANVILLE SOLVENTS	SITE LOCATION: GRANVILLE, OH	Date: 7/17/19

PURGING DATA

WELL DIAMETER (Inches): —	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL: 46-61 feet AND 71-91 fee	STATIC DEPTH TO WATER (feet): 8.95	TOTAL DEPTH: 91 feet	PURGE PUMP TYPE OR BAILER: PP
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): ~70'	FINAL PUMP OR TUBING DEPTH IN WELL (feet): ~70'	PURGING INITIATED AT: 0842	PURGING ENDED AT: 0907	TOTAL VOLUME PURGED (gallons): 5.7	

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm or ml/min)	DEPTH TO WATER (feet)	pH (standard units)	COND. (mS/cm or us/cm)	TURBIDITY (NTUs)	DISSOLVED OXYGEN (mg/L or % saturation)	TEMP (°C)	ORP (mV)	COLOR/ ODOR (describe)
0852	3.0	3.0	300	8.98	7.37	509	19.26	2.37	16.3	130.9	clear / none
0855	0.9	3.9	300	8.98	7.41	505	18.21	0.66	16.1	115.6	" / "
0858	0.9	4.8	300	8.98	7.42	499.6	19.61	0.47	15.8	105.7	" / "
0901	0.9	5.7	300	8.98	7.44	504	20.62	0.37	16.1	94.2	" / "
0904	SAMPLE										

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.66; **5"** = 1.02; **6"** = 1.47; **8"= 2.61**; **10"** =4.08; **12"** = 5.88

TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **.170"** = 0.0012; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: ABS / TW PEL	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 0902	SAMPLING ENDED AT: 0905
PUMP OR TUBING DEPTH IN WELL (feet): ~70'	SAMPLE PUMP FLOW RATE: (100-500 ml/minute), (1 gallon = 3,785 ml) 300	TUBING MATERIAL CODE: PE	

FIELD DECONTAMINATION: Y (N)

FIELD FILTERED: Y (N) FILTER SIZE: _____micron

Filtration Equipment Type: _____

DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# of CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
PW-03A(D)	2	CG	40mL	HCl	—	—	8260	PE, S

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **LDPE** = Low Density Polyethylene; **HDPE** = High Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **VT** = Vacuum Trap; **O** = Other (Specify)

NOTES:
1. Readings collected every 3-5 minutes.
2. STABILIZATIONCRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS; THREE PARAMETERS ARE REQUIRED, ONE MUST BE SP. COND.

pH: ± 0.1 units, Temperature: ± 0.5 °C, Specific Conductance: ± 3%, Dissolved Oxygen: +/- 0.3mg/L, Turbidity: ≤10 NTU or +/- 10%, ORP: +/- 10mv

If above can't be attained then: Dissolved Oxygen: ± 0.2 mg/l or ± 10% (whichever is greater), Turbidity: ± 5 NTU or ± 10% (whichever if greater)

GRESSIVE
ENGINEERING & CONSTRUCTION, INC.

GROUNDWATER SAMPLING LOG

WELL NO: **PW-04(D)**		PROJECT NO: P2347
SITE NAME: GRANVILLE SOLVENTS	SITE LOCATION: GRANVILLE, OH	Date: 7/17/19

PURGING DATA

WELL DIAMETER (inches): —	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL: 65 feet to 92 feet	STATIC DEPTH TO WATER (feet): 9.20	TOTAL DEPTH: 92 feet	PURGE PUMP TYPE OR BAILER: PP
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): ~80'	FINAL PUMP OR TUBING DEPTH IN WELL (feet): ~80'		PURGING INITIATED AT: 0800	PURGING ENDED AT: 0829	TOTAL VOLUME PURGED (~~gallons~~ L): 7.5

TIME	VOLUME PURGED (~~gallons~~ L)	CUMUL. VOLUME PURGED (~~gallons~~ L)	PURGE RATE (gpm or ml/min)	DEPTH TO WATER (feet)	pH (standard units)	COND. (mS/cm or us/cm)	TURBIDITY (NTUs)	DISSOLVED OXYGEN (mg/L or % saturation)	TEMP (°C)	ORP (mV)	COLOR/ ODOR (describe)
0810	3.0	3.0	300	9.22	7.29	516	24.71	0.31	13.8	154.4	clear / none
0813	0.9	3.9	300	9.22	7.29	518	23.22	0.61	13.8	143.6	" / "
0816	0.9	4.8	300	9.22	7.30	517	24.58	0.57	13.8	138.2	" / "
0819	0.9	5.7	300	9.22	7.32	516	23.15	0.44	13.8	130.4	" / "
0822	0.9	6.6	300	9.22	7.33	518	24.21	0.30	13.8	122.3	" / "
0825	0.9	7.5	300	9.22	7.33	518	24.13	0.26	13.8	117.0	" / "
0827	SAMPLE										

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **8"= 2.61**; **10"** =4.08; **12"** = 5.88

TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **.170"** = 0.0012; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: TBS / TW PEC	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 0826	SAMPLING ENDED AT: 0829
PUMP OR TUBING DEPTH IN WELL (feet): ~80'	SAMPLE PUMP FLOW RATE: (100-500 ml/minute), (1 gallon = 3.785 ml) 300	TUBING MATERIAL CODE: PE	

FIELD DECONTAMINATION: Y (N) FIELD FILTERED: Y (N) Filtration Equipment Type: _____ FILTER SIZE: _____micron DUPLICATE: Y (N)

SAMPLE ID CODE	SAMPLE CONTAINER SPECIFICATION: # of CONTAINERS	MATERIAL CODE	VOLUME	SAMPLE PRESERVATION: PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
PW-04(D)	2	CG	40 mL	HCl	—	—	8260	PE, S

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **LDPE** = Low Density Polyethylene; **HDPE** = High Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **VT** = Vacuum Trap; **O** = Other (Specify)

NOTES:
1. Readings collected every 3-5 minutes.
2. STABILIZATIONCRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS; THREE PARAMETERS ARE REQUIRED, ONE MUST BE SP. COND.

pH: ± 0.1 units, Temperature: ± 0.5 °C, Specific Conductance: ± 3%, Dissolved Oxygen: +/- 0.3mg/L, Turbidity: ≤10 NTU or +/- 10%, ORP: +/- 10mv

If above can't be attained then: Dissolved Oxygen: ± 0.2 mg/l or ± 10% (whichever is greater), Turbidity: ± 5 NTU or ± 10% (whichever if greater)

GRESSIVE
ENGINEERING & CONSTRUCTION, INC.

GROUNDWATER SAMPLING LOG

WELL NO: **MW-02(S)**		PROJECT NO: P2347
SITE NAME: GRANVILLE SOLVENTS	SITE LOCATION: GRANVILLE, OH	Date: 11/17/17

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL: 13.5 feet to 23.5 feet	STATIC DEPTH TO WATER (feet): 27.17	TOTAL DEPTH: 23.5 feet	PURGE PUMP TYPE OR BAILER: PP
INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT: 1331	PURGING ENDED AT: 1354	TOTAL VOLUME PURGED (gallons): 3.8	

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm or ml/min)	DEPTH TO WATER (feet)	pH (standard units)	COND. (mS/cm or us/cm)	TURBIDITY (NTUs)	DISSOLVED OXYGEN (mg/L or % saturation)	TEMP (°C)	ORP (mV)	COLOR/ ODOR (describe)
1341	2.0	2.0	200	27.37	7.11	717	13.52	2.76	12.0	108.6	clear / none
1344	0.6	2.6	200	27.36	7.10	734	2.48	2.86	12.0	108.6	" / "
1347	0.6	3.2	200	27.36	7.10	738	0.35	2.93	12.0	108.7	" / "
1350	0.6	3.8	200	27.36	7.09	742	0.00	3.16	12.0	108.7	" / "
1353	SAMPLE										

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **8"** = 2.61; **10"** = 4.08; **12"** = 5.88

TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **.170"** = 0.0012; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Brad Spurny PEL	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 1351	SAMPLING ENDED AT: 1354
PUMP OR TUBING DEPTH IN WELL (feet):	SAMPLE PUMP FLOW RATE: (100-500 ml/minute), (1 gallon = 3,785 ml) 200 ml/min	TUBING MATERIAL CODE: PE	

FIELD FILTERED: Y (N) FILTER SIZE: _____micron

FIELD DECONTAMINATION: Y (N) Filtration Equipment Type: _____ DUPLICATE: (Y) N

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# of CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-02(S)	2	CG	60 mL	HCl	—	—	8260	
Duplicate-2	2	CG	60	HCl	—	—	8260	

REMARKS:
Duplicate-2
Air bubbles in tubing 28.06 - TD

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **LDPE** = Low Density Polyethylene; **HDPE** = High Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **VT** = Vacuum Trap; **O** = Other (Specify)

NOTES:
1. Readings collected every 3-5 minutes.
2. STABILIZATIONCRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS; THREE PARAMETERS ARE REQUIRED, ONE MUST BE SP. COND.
pH: ± 0.1 units, Temperature: ± 0.5 °C, Specific Conductance: ± 3%, Dissolved Oxygen: +/- 0.3mg/L, Turbidity: ≤10 NTU or +/- 10%, ORP: +/- 10mv
If above can't be attained then: Dissolved Oxygen: ± 0.2 mg/l or ± 10% (whichever is greater), Turbidity: ± 5 NTU or ± 10% (whichever if greater)

GRESSIVE
ENGINEERING & CONSTRUCTION, INC.

GROUNDWATER SAMPLING LOG

WELL NO: **MW-02D(I)**	PROJECT NO: P2347	
SITE NAME: GRANVILLE SOLVENTS	SITE LOCATION: GRANVILLE, OH	Date: 11/19/19

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL: 23 feet to 33 feet	STATIC DEPTH TO WATER (feet): 27.61	TOTAL DEPTH: 33 feet	PURGE PUMP TYPE OR BAILER: PP

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 28'	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 28'	PURGING INITIATED AT: 1400	PURGING ENDED AT: 1423	TOTAL VOLUME PURGED (gallons): 3.8

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm or ml/min)	DEPTH TO WATER (feet)	pH (standard units)	COND. (mS/cm or us/cm)	TURBIDITY (NTUs)	DISSOLVED OXYGEN (mg/L or % saturation)	TEMP (°C)	ORP (mV)	COLOR/ ODOR (describe)
1410	2.0	2.0	200	27.61	7.15	705	0.00	2.12	11.7	107.4	clear / none
1413	0.6	2.6	200	27.60	7.15	703	0.00	2.13	11.8	107.4	" / "
1416	0.6	3.2	200	27.60	7.16	704	0.00	2.13	11.8	107.4	" / "
1419	0.6	3.8	200	27.60	7.16	702	0.00	1.70	11.7	107.5	" / "
1422	SAMPLE										

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **8"= 2.61**; **10"** =4.08; **12"** = 5.88

TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **.170"** = 0.0012; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Brad Spurny PEC	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 1420	SAMPLING ENDED AT: 1423
PUMP OR TUBING DEPTH IN WELL (feet): 28	SAMPLE PUMP FLOW RATE: (100-500 ml/minute), (1 gallon = 3,785 ml) 200 ml/min	TUBING MATERIAL CODE: PE	

FIELD DECONTAMINATION: Y (N) FIELD FILTERED: Y (N) FILTER SIZE: _____micron
Filtration Equipment Type: _____ DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# of CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-02D(I)	2	CG	60 mL	HCl	—	—	8260	—

REMARKS:

36.70 - TD

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **LDPE** = Low Density Polyethylene; **HDPE** = High Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **VT** = Vacuum Trap; **O** = Other (Specify)

NOTES:
1. Readings collected every 3-5 minutes.
2. STABILIZATIONCRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS; THREE PARAMETERS ARE REQUIRED, ONE MUST BE SP. COND.
pH: ± 0.1 units, Temperature: ± 0.5 °C, Specific Conductance: ± 3%, Dissolved Oxygen: +/- 0.3mg/L, Turbidity: ≤10 NTU or +/- 10%, ORP: +/- 10mv
If above can't be attained then: Dissolved Oxygen: ± 0.2 mg/l or ± 10% (whichever is greater), Turbidity: ± 5 NTU or ± 10% (whichever if greater)

GRESSIVE
ENGINEERING & CONSTRUCTION, INC.

GROUNDWATER SAMPLING LOG

WELL NO: **MW-04DR(S)**	PROJECT NO: P2347	
SITE NAME: GRANVILLE SOLVENTS	SITE LOCATION: GRANVILLE, OH	Date: 11/19/19

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL: 13 feet to 23 feet	STATIC DEPTH TO WATER (feet): 23.10	TOTAL DEPTH: 23 feet	PURGE PUMP TYPE OR BAILER: PP
INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):		PURGING INITIATED AT: 1047	PURGING ENDED AT: 1117	TOTAL VOLUME PURGED (gallons): 6.3

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm or ml/min)	DEPTH TO WATER (feet)	pH (standard units)	COND. (mS/cm or us/cm)	TURBIDITY (NTUs)	DISSOLVED OXYGEN (mg/L or % saturation)	TEMP (°C)	ORP (mV)	COLOR/ ODOR (describe)
1057	2.0	2.0	200	23.10	6.95	681	35.80	1.64	12.1	56.4	clear / none
1102	1.0	3.0	200	23.10	6.95	688	29.06	1.66	12.2	58.1	" / "
1107	1.5	4.5	300	23.12	6.95	691	17.45	1.76	12.5	60.6	" / "
1110	0.9	5.4	300	23.12	6.95	690	11.65	1.79	12.5	61.9	" / "
1113	0.9	6.3	300	23.13	6.95	691	12.64	1.79	12.6	63.3	" / "
1116	SAMPLE										

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **8"= 2.61;** **10"** =4.08; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **.170"** = 0.0012; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Brad Spenny PEC	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 1114	SAMPLING ENDED AT: 1117
PUMP OR TUBING DEPTH IN WELL (feet):	SAMPLE PUMP FLOW RATE: (100-500 ml/minute), (1 gallon = 3,785 ml) 200 ml/min	TUBING MATERIAL CODE: PE	

FIELD FILTERED: Y (N) FILTER SIZE: _____micron
FIELD DECONTAMINATION: Y (N) Filtration Equipment Type: _____ DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# of CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-04DR(S)	2	CG	60mL	HCl	—	—	8260	

REMARKS:
1102 Turned up to 300 ml/min

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **LDPE** = Low Density Polyethylene; **HDPE** = High Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **VT** = Vacuum Trap; **O** = Other (Specify)

NOTES:
1. Readings collected every 3-5 minutes.
2. STABILIZATIONCRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS; THREE PARAMETERS ARE REQUIRED, ONE MUST BE SP. COND.
pH: ± 0.1 units, Temperature: ± 0.5 °C, Specific Conductance: ± 3%, Dissolved Oxygen: +/- 0.3mg/L, Turbidity: ≤10 NTU or +/- 10%, ORP: +/- 10mv
If above can't be attained then: Dissolved Oxygen: ± 0.2 mg/l or ± 10% (whichever is greater), Turbidity: ± 5 NTU or ± 10% (whichever if greater)

Check Screen interval

GRESSIVE
ENGINEERING & CONSTRUCTION, INC.

GROUNDWATER SAMPLING LOG

WELL NO: **MW-04D2(I)**	PROJECT NO: P2347	
SITE NAME: GRANVILLE SOLVENTS	SITE LOCATION: GRANVILLE, OH	Date: 11/19/19

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL: 35 feet to 45 feet	STATIC DEPTH TO WATER (feet): 24.40	TOTAL DEPTH: 45 feet	PURGE PUMP TYPE OR BAILER: PP
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 40'	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 40'		PURGING INITIATED AT: ~~1118~~ 1120	PURGING ENDED AT: 1143	TOTAL VOLUME PURGED (gallons): 3.8

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm or ml/min)	DEPTH TO WATER (feet)	pH (standard units)	COND. (mS/cm or us/cm)	TURBIDITY (NTUs)	DISSOLVED OXYGEN (mg/L or % saturation)	TEMP (°C)	ORP (mV)	COLOR/ ODOR (describe)
1130	2.0	2.0	200	24.41	7.22	124.5	6.24	4.22	12.0	76.2	Clear / none
1133	0.6	2.6	200	24.40	7.23	121.2	0.49	4.41	12.0	81.0	" / "
1136	0.6	3.2	200	24.40	7.17	121.7	3.71	4.54	12.0	84.6	" / "
1139	0.6	3.8	200	24.41	7.19	122.8	0.00	4.56	12.0	86.2	" / "
1142	SAMPLE										

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **8"= 2.61;** **10"** =4.08; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **.170"** = 0.0012; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Brad Spurny PEC	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 1140	SAMPLING ENDED AT: 1143
PUMP OR TUBING DEPTH IN WELL (feet): 40'	SAMPLE PUMP FLOW RATE: (100-500 ml/minute), (1 gallon = 3,785 ml) 200 ml/min	TUBING MATERIAL CODE: PE	

FIELD FILTERED: Y (N) FILTER SIZE: _____micron
FIELD DECONTAMINATION: Y (N) Filtration Equipment Type: _____ DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# of CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-04D2(I)	2	CG	60mL	HCl	—	—	8260	

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **LDPE** = Low Density Polyethylene; **HDPE** = High Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **VT** = Vacuum Trap; **O** = Other (Specify)

NOTES:
1. Readings collected every 3-5 minutes.
2. STABILIZATIONCRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS; THREE PARAMETERS ARE REQUIRED, ONE MUST BE SP. COND.

pH: ± 0.1 units, Temperature: ± 0.5 °C, Specific Conductance: ± 3%, Dissolved Oxygen: +/- 0.3mg/L, Turbidity: ≤10 NTU or +/- 10%, ORP: +/- 10mv

If above can't be attained then: Dissolved Oxygen: ± 0.2 mg/l or ± 10% (whichever is greater), Turbidity: ± 5 NTU or ± 10% (whichever if greater)

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GROUNDWATER SAMPLING LOG

WELL NO: **MW-07D(I)**	PROJECT NO: P2347
SITE NAME: GRANVILLE SOLVENTS	SITE LOCATION: GRANVILLE, OH — Date: 11/19/19

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL: 26.5 feet to 36.5 feet	STATIC DEPTH TO WATER (feet): 21.48	TOTAL DEPTH: 36.5 feet	PURGE PUMP TYPE OR BAILER: PP
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 31.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 31.5	PURGING INITIATED AT: 0939	PURGING ENDED AT: 0955	TOTAL VOLUME PURGED (gallons): 4.8	

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm or ml/min)	DEPTH TO WATER (feet)	pH (standard units)	COND. (mS/cm or us/cm)	TURBIDITY (NTUs)	DISSOLVED OXYGEN (mg/L or % saturation)	TEMP (°C)	ORP (mV)	COLOR/ ODOR (describe)
0949	3.0	3.0	300	21.48	7.00	872	0.00	0.29	12.7	0.6	clear / none
0952	0.9	3.9	300	21.48	7.00	880	0.00	0.29	12.7	2.1	" / "
0955	0.9	4.8	300	21.48	7.02	883	0.00	0.32	12.5	3.7	" / "
0958	SAMPLE										

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **8"** = 2.61; **10"** = 4.08; **12"** = 5.88

TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0008; **.170"** = 0.0012; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Brad Sperry PEL	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 0957	SAMPLING ENDED AT: 0959
PUMP OR TUBING DEPTH IN WELL (feet): 31.5	SAMPLE PUMP FLOW RATE: (100-500 ml/minute), (1 gallon = 3,785 ml) 300 ml/min	TUBING MATERIAL CODE: PE	
FIELD DECONTAMINATION: Y (N)	FIELD FILTERED: Y (N) Filtration Equipment Type: _____	FILTER SIZE: _____micron	DUPLICATE: Y (N)

SAMPLE ID CODE	SAMPLE CONTAINER SPECIFICATION: # of CONTAINERS	MATERIAL CODE	VOLUME	SAMPLE PRESERVATION: PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-07D(I)	2	CG	60 mL	HCl	—	—	8260	
MS/MSD	2	CG	60 mL	HCl	—	—	8260	

REMARKS: MS/MSD

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **LDPE** = Low Density Polyethylene; **HDPE** = High Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **VT** = Vacuum Trap; **O** = Other (Specify)

NOTES:
1. Readings collected every 3-5 minutes.
2. STABILIZATIONCRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS; THREE PARAMETERS ARE REQUIRED, ONE MUST BE SP. COND.
pH: ± 0.1 units, Temperature: ± 0.5 °C, Specific Conductance: ± 3%, Dissolved Oxygen: +/- 0.3mg/L, Turbidity: ≤10 NTU or +/- 10%, ORP: +/- 10mv
If above can't be attained then: Dissolved Oxygen: ± 0.2 mg/l or ± 10% (whichever is greater), Turbidity: ± 5 NTU or ± 10% (whichever if greater)

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ENGINEERING & CONSTRUCTION, INC.

GROUNDWATER SAMPLING LOG

WELL NO: **MW-08(S)**		PROJECT NO: P2347
SITE NAME: GRANVILLE SOLVENTS	SITE LOCATION: GRANVILLE, OH	Date: 11/18/19

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL: 29 feet to 39 feet	STATIC DEPTH TO WATER (feet): 31.61	TOTAL DEPTH: 39 feet	PURGE PUMP TYPE OR BAILER: BP

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 35'	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 35'	PURGING INITIATED AT: 1410	PURGING ENDED AT: 1447	TOTAL VOLUME PURGED (gallons): 6

TIME	VOLUME PURGED (gallons) L	CUMUL. VOLUME PURGED (gallons) L	PURGE RATE (gpm or ml/min)	DEPTH TO WATER (feet)	pH (standard units)	COND. (mS/cm or us/cm)	TURBIDITY (NTUs)	DISSOLVED OXYGEN (mg/L or % saturation)	TEMP (°C)	ORP (mV)	COLOR/ ODOR (describe)
1430	6.0	6.0	300	31.61	6.88	691	29.17	1.56	12.6	102.4	Clear / none
1433	0.9	6.9	300	31.61	6.90	692	25.03	1.36	12.6	100.0	" / "
1436	0.9	7.8	300	31.60	6.90	692	18.27	1.32	12.5	98.6	" / "
1439	0.9	8.7	300	31.61	6.91	693	16.40	1.28	12.6	97.6	" / "
1442	0.9	9.6	300	31.61	6.91	693	12.58	1.22	12.5	97.0	" / "
1445	SAMPLE										

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **8"= 2.61;** **10"** =4.08; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **.170"** = 0.0012; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Brad Spaury PEC	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 1444	SAMPLING ENDED AT: 1447
PUMP OR TUBING DEPTH IN WELL (feet): 35'	SAMPLE PUMP FLOW RATE: 300 ml/min (100-500 ml/minute), (1 gallon = 3.785 ml)	TUBING MATERIAL CODE: PE	

FIELD FILTERED: Y (N) FILTER SIZE: _____micron
FIELD DECONTAMINATION: Y (N) Filtration Equipment Type: _____ DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# of CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-08(S)	2	CG	60 mL	HCl	—	—	8260B	PE, BP

REMARKS:
Well very turbid at start of purge

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **LDPE** = Low Density Polyethylene; **HDPE** = High Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **VT** = Vacuum Trap; **O** = Other (Specify)

NOTES:
1. Readings collected every 3-5 minutes.
2. STABILIZATIONCRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS; THREE PARAMETERS ARE REQUIRED, ONE MUST BE SP. COND.
pH: ± 0.1 units, Temperature: ± 0.5 °C, Specific Conductance: ± 3%, Dissolved Oxygen: +/- 0.3mg/L, Turbidity: ≤10 NTU or +/- 10%, ORP: +/- 10mv
If above can't be attained then: Dissolved Oxygen: ± 0.2 mg/l or ± 10% (whichever is greater), Turbidity: ± 5 NTU or ± 10% (whichever if greater)

GRESSIVE
ENGINEERING & CONSTRUCTION, INC.

GROUNDWATER SAMPLING LOG

WELL NO: **MW-16(S)**	PROJECT NO: P2347
SITE NAME: GRANVILLE SOLVENTS	SITE LOCATION: GRANVILLE, OH — Date: 11/18/19

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL: 20 feet to 30 feet	STATIC DEPTH TO WATER (feet): 20.08	TOTAL DEPTH: 30 feet	PURGE PUMP TYPE OR BAILER: PP

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 25'	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 25	PURGING INITIATED AT: 1556	PURGING ENDED AT: 1620	TOTAL VOLUME PURGED (gallons): 4.75

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm or ml/min)	DEPTH TO WATER (feet)	pH (standard units)	COND. (mS/cm or us/cm)	TURBIDITY (NTUs)	DISSOLVED OXYGEN (mg/L or % saturation)	TEMP (°C)	ORP (mV)	COLOR/ ODOR (describe)
1606	2.5	2.5	250	20.08	7.04	749	5.04	0.13	12.7	20.1	clear / none
1609	0.75	3.25	250	20.08	7.05	745	3.04	0.13	12.7	22.6	" / "
1612	0.75	4.0	250	20.08	7.05	745	3.06	0.14	12.7	23.9	" / "
1615	0.75	4.75	250	20.08	7.05	745	2.70	0.13	12.7	24.5	" / "
1618	SAMPLE										

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **8"= 2.61;** **10"** =4.08; **12"** = 5.88

TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **.170"** = 0.0012; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Brad Spivey PEC	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 1616	SAMPLING ENDED AT: 1620
PUMP OR TUBING DEPTH IN WELL (feet): 25	SAMPLE PUMP FLOW RATE: (100-500 ml/minute), (1 gallon = 3,785 ml) 250	TUBING MATERIAL CODE: PE	

FIELD FILTERED: Y (N) FILTER SIZE: _____micron

FIELD DECONTAMINATION: Y (N) Filtration Equipment Type: _____ DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# of CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-16(S)	2	CG	60mL	HCl	—	—	8260	

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **LDPE** = Low Density Polyethylene; **HDPE** = High Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **VT** = Vacuum Trap; **O** = Other (Specify)

NOTES:
1. Readings collected every 3-5 minutes.
2. STABILIZATIONCRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS; THREE PARAMETERS ARE REQUIRED, ONE MUST BE SP. COND.
pH: ± 0.1 units, Temperature: ± 0.5 °C, Specific Conductance: ± 3%, Dissolved Oxygen: +/- 0.3mg/L, Turbidity: ≤10 NTU or +/- 10%, ORP: +/- 10mv
If above can't be attained then: Dissolved Oxygen: ± 0.2 mg/l or ± 10% (whichever is greater), Turbidity: ± 5 NTU or ± 10% (whichever if greater)

GRESSIVE
ENGINEERING & CONSTRUCTION, INC.

GROUNDWATER SAMPLING LOG

WELL NO: **MW-17(I)**	PROJECT NO: P2347
SITE NAME: GRANVILLE SOLVENTS	SITE LOCATION: GRANVILLE, OH — Date: 11/18/19

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL: 38 feet to 48 feet	STATIC DEPTH TO WATER (feet): 19.96	TOTAL DEPTH: 48 feet	PURGE PUMP TYPE OR BAILER: PP
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 43	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 43	PURGING INITIATED AT: 1537	PURGING ENDED AT: 1552	TOTAL VOLUME PURGED (~~gallons~~ L): 4.75	

TIME	VOLUME PURGED (~~gallons~~ L)	CUMUL. VOLUME PURGED (~~gallons~~ L)	PURGE RATE (gpm or ml/min)	DEPTH TO WATER (feet)	pH (standard units)	COND. (mS/cm or us/cm)	TURBIDITY (NTUs)	DISSOLVED OXYGEN (mg/L or % saturation)	TEMP (°C)	ORP (mV)	COLOR/ ODOR (describe)
1537	2.5	2.5	250	19.95	7.12	802	10.63	0.29	12.4	102.3	Clear / none
1540	0.75	3.25	250	19.96	7.11	802	9.32	0.25	12.4	70.0	" / "
1543	0.75	4.0	250	19.95	7.11	801	5.86	0.21	12.4	48.3	" / "
1546	0.75	4.75	250	19.96	7.12	800	5.19	0.20	12.4	44.3	" / "
1549	SAMPLE										

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **8"= 2.61**; **10"** =4.08; **12"** = 5.88

TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **.170"** = 0.0012; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Brad Sperry PEC	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 1548	SAMPLING ENDED AT: 1552
PUMP OR TUBING DEPTH IN WELL (feet): 43	SAMPLE PUMP FLOW RATE: (100-500 ml/minute), (1 gallon = 3,785 ml) 250	TUBING MATERIAL CODE: PE	

FIELD FILTERED: Y (N) FILTER SIZE: _____micron

FIELD DECONTAMINATION: Y (N) Filtration Equipment Type: _____ DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# of CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-17(I)	2	CG	60 mL	HCl	—	—	8260	

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **LDPE** = Low Density Polyethylene; **HDPE** = High Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **VT** = Vacuum Trap; **O** = Other (Specify)

NOTES:
1. Readings collected every 3-5 minutes.
2. STABILIZATIONCRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS; THREE PARAMETERS ARE REQUIRED, ONE MUST BE SP. COND.
pH: ± 0.1 units, Temperature: ± 0.5 °C, Specific Conductance: ± 3%, Dissolved Oxygen: +/- 0.3mg/L, Turbidity: ≤10 NTU or +/- 10%, ORP: +/- 10mv
If above can't be attained then: Dissolved Oxygen: ± 0.2 mg/l or ± 10% (whichever is greater), Turbidity: ± 5 NTU or ± 10% (whichever if greater)

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GROUNDWATER SAMPLING LOG

WELL NO: **GSSMW-08(I)**	PROJECT NO: P2347	
SITE NAME: GRANVILLE SOLVENTS	SITE LOCATION: GRANVILLE, OH	Date: 11/19/19

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL: 28 feet to 38 feet	STATIC DEPTH TO WATER (feet): 20.63	TOTAL DEPTH: 38 feet	PURGE PUMP TYPE OR BAILER: PP
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 33'	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 33'		PURGING INITIATED AT: 1005	PURGING ENDED AT: 1032	TOTAL VOLUME PURGED (gallons): 6.6

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm or ml/min)	DEPTH TO WATER (feet)	pH (standard units)	COND. (mS/cm or us/cm)	TURBIDITY (NTUs)	DISSOLVED OXYGEN (mg/L or % saturation)	TEMP (°C)	ORP (mV)	COLOR/ ODOR (describe)
1015	3.0	3.0	300	20.64	7.16	522	0.00	0.16	12.3	12.9	clear / none
1018	0.9	3.9	300	20.64	7.12	597	0.00	0.15	12.1	17.9	" / "
1021	0.9	4.8	300	20.63	7.13	607	0.00	0.18	12.1	19.1	" / "
1024	0.9	5.7	300	20.63	7.13	613	0.00	0.17	12.1	20.7	" / "
1027	0.9	6.6	300	20.63	7.12	616	0.00	0.16	12.2	21.6	" / "
1030	SAMPLE										

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **8"**= 2.61; **10"** =4.08; **12"** = 5.88

TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **.170"** = 0.0012; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Brad Sperry PEC	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 1029	SAMPLING ENDED AT: 1032
PUMP OR TUBING DEPTH IN WELL (feet): 33'	SAMPLE PUMP FLOW RATE: (100-500 ml/minute), (1 gallon = 3.785 ml) 300 ml/min	TUBING MATERIAL CODE: PE	

FIELD FILTERED: Y (N) FILTER SIZE: _____micron

FIELD DECONTAMINATION: Y (N) Filtration Equipment Type: _____ DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# of CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
GSSMW-08(I)	2	CG	60 mL	HCl	—	—	826013	

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **LDPE** = Low Density Polyethylene; **HDPE** = High Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **VT** = Vacuum Trap; **O** = Other (Specify)

NOTES:
1. Readings collected every 3-5 minutes.
2. STABILIZATIONCRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS: THREE PARAMETERS ARE REQUIRED, ONE MUST BE SP. COND.

pH: ± 0.1 units, Temperature: ± 0.5 °C, Specific Conductance: ± 3%, Dissolved Oxygen: +/- 0.3mg/L, Turbidity: ≤10 NTU or +/- 10%, ORP: +/- 10mv

If above can't be attained then: Dissolved Oxygen: ± 0.2 mg/l or ± 10% (whichever is greater), Turbidity: ± 5 NTU or ± 10% (whichever if greater)

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ENGINEERING & CONSTRUCTION, INC.

GROUNDWATER SAMPLING LOG

WELL NO: **GSSMW-09(I)**	PROJECT NO: P2347	
SITE NAME: GRANVILLE SOLVENTS	SITE LOCATION: GRANVILLE, OH	Date: 11/19/19

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL: 27 feet to 37 feet	STATIC DEPTH TO WATER (feet): 20.45	TOTAL DEPTH: 37 feet	PURGE PUMP TYPE OR BAILER: PP
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 32'	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 32'	PURGING INITIATED AT: 0840	PURGING ENDED AT: 0929	TOTAL VOLUME PURGED (gallons): ~ 6.8	

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm or ml/min)	DEPTH TO WATER (feet)	pH (standard units)	COND. (mS/cm or us/cm)	TURBIDITY (NTUs)	DISSOLVED OXYGEN (mg/L or % saturation)	TEMP (°C)	ORP (mV)	COLOR/ ODOR (describe)
0850	2.0	2.0	200	20.46	* SEE	NOTE					
0905	0.6	2.6	200	20.45	11.01	331.5	1.31	0.93	13.8	135.2	clear / none
0908	0.6	3.2	200	20.46	10.71	327.6	40.44	0.71	13.8	128.2	" / "
0911	0.6	3.8	200	20.45	8.49	442.4	36.89	0.45	13.7	100.8	" / "
0914	0.6	4.4	200	20.45	7.69	496.0	27.84	0.29	13.5	66.9	" / "
0919	1.2	5.6	200	20.46	7.20	631	19.61	0.18	13.3	-10.4	" / "
0922	0.6	6.2	200	20.46	7.21	641	3.30	0.22	13.3	-22.2	" / "
0925	0.6	6.8	200	20.45	7.01	646	3.01	0.25	13.5	-29.1	" / "
0928	SAMPLE										

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **8"= 2.61**; **10"** =4.08; **12"** = 5.88

TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **.170"** = 0.0012; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Brad Spaun PEC	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 0927 / SAMPLING ENDED AT: 0929
PUMP OR TUBING DEPTH IN WELL (feet): 32'	SAMPLE PUMP FLOW RATE: (100-500 ml/minute), (1 gallon = 3.785 ml) 200	TUBING MATERIAL CODE: PE
FIELD DECONTAMINATION: Y (N)	FIELD FILTERED: Y (N) Filtration Equipment Type: _____ FILTER SIZE: _____micron	DUPLICATE: Y (N)

SAMPLE ID CODE	# of CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
GSSMW-09(I)	2	CG	40 mL	HCl	—	—	8260	

REMARKS:
Suspended purge. pH reading 11.5, recalibrated equipment. Col good.

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **LDPE** = Low Density Polyethylene; **HDPE** = High Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **VT** = Vacuum Trap; **O** = Other (Specify)

NOTES:
1. Readings collected every 3-5 minutes.
2. STABILIZATIONCRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS; THREE PARAMETERS ARE REQUIRED, ONE MUST BE SP. COND.

pH: ± 0.1 units, Temperature: ± 0.5 °C, Specific Conductance: ± 3%, Dissolved Oxygen: +/- 0.3mg/L, Turbidity: ≤10 NTU or +/- 10%, ORP: +/- 10mv

If above can't be attained then: Dissolved Oxygen: ± 0.2 mg/l or ± 10% (whichever is greater), Turbidity: ± 5 NTU or ± 10% (whichever if greater)

GRESSIVE
ENGINEERING & CONSTRUCTION, INC.

GROUNDWATER SAMPLING LOG

WELL NO: GSSMW-12(D)	PROJECT NO: P2347	
SITE NAME: GRANVILLE SOLVENTS	SITE LOCATION: GRANVILLE, OH	Date: 11/19/19

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL: 77 feet to 97 feet	STATIC DEPTH TO WATER (feet): 26.63	TOTAL DEPTH: 97 feet	PURGE PUMP TYPE OR BAILER: PP
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 87'	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 87'	PURGING INITIATED AT: 1303	PURGING ENDED AT: 1326	TOTAL VOLUME PURGED (gallons): 3.8	

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm or ml/min)	DEPTH TO WATER (feet)	pH (standard units)	COND. (mS/cm or us/cm)	TURBIDITY (NTUs)	DISSOLVED OXYGEN (mg/L or % saturation)	TEMP (°C)	ORP (mV)	COLOR/ ODOR (describe)
1313	2.0	2.0	200	26.65	6.79	594	0.00	4.62	11.4	110.9	Clear / none
1316	0.6	2.6	200	26.66	6.79	596	0.00	5.00	11.5	111.0	" / "
1319	0.6	3.2	200	26.65	6.80	595	0.00	4.56	11.5	111.0	" / "
1322	0.6	3.8	200	26.65	6.80	595	0.00	4.50	11.5	111.3	" / "
1325	SAMPLE										

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **8"= 2.61**; **10"** =4.08; **12"** = 5.88

TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **.170"** = 0.0012; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Brad Spence PEC	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 1323	SAMPLING ENDED AT: 1326
PUMP OR TUBING DEPTH IN WELL (feet): 87'	SAMPLE PUMP FLOW RATE: (100-500 ml/minute), (1 gallon = 3,785 ml) 200 ml/min	TUBING MATERIAL CODE: PE	
FIELD DECONTAMINATION: Y (N)	FIELD FILTERED: Y (N) Filtration Equipment Type: _____	FILTER SIZE: _____micron	DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# of CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
GSSMW-12(D)	2	CG	60mL	HCl	—	—	8260	

REMARKS:
Air bubbles in tubing

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **LDPE** = Low Density Polyethylene; **HDPE** = High Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **VT** = Vacuum Trap; **O** = Other (Specify)

NOTES:
1. Readings collected every 3-5 minutes.
2. STABILIZATIONCRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS: THREE PARAMETERS ARE REQUIRED, ONE MUST BE SP. COND.
pH: ± 0.1 units, Temperature: ± 0.5 °C, Specific Conductance: ± 3%, Dissolved Oxygen: +/- 0.3mg/L, Turbidity: ≤10 NTU or +/- 10%, ORP: +/- 10mv
If above can't be attained then: Dissolved Oxygen: ± 0.2 mg/l or ± 10% (whichever is greater), Turbidity: ± 5 NTU or ± 10% (whichever if greater)

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ENGINEERING & CONSTRUCTION, INC.

GROUNDWATER SAMPLING LOG

WELL NO: **GSSMW-15(I)**	PROJECT NO: P2347	
SITE NAME: GRANVILLE SOLVENTS	SITE LOCATION: GRANVILLE, OH	Date: 11/18/19

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL: 24 feet to 34 feet	STATIC DEPTH TO WATER (feet): 23.23	TOTAL DEPTH: 34 feet	PURGE PUMP TYPE OR BAILER: PP

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 29'	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 29'	PURGING INITIATED AT: 1455	PURGING ENDED AT: 1518	TOTAL VOLUME PURGED (gallons): 5.7

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm or ml/min)	DEPTH TO WATER (feet)	pH (standard units)	COND. (mS/cm or us/cm)	TURBIDITY (NTUs)	DISSOLVED OXYGEN (mg/L or % saturation)	TEMP (°C)	ORP (mV)	COLOR/ ODOR (describe)
1505	3.0	3.0	300	23.23	6.88	803	3.20	1.98	13.5	117.7	clear / none
1508	0.9	3.9	300	23.23	6.89	804	1.45	1.88	13.5	117.5	" / "
1511	0.9	4.8	300	23.24	6.90	804	1.19	1.83	13.5	117.3	" / "
1514	0.9	5.7	300	23.23	6.91	805	1.02	1.80	13.5	117.3	" / "
1517	SAMPLE										

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **8"= 2.61;** **10"** =4.08; **12"** = 5.88

TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **.170"** = 0.0012; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Brad Spurr PEL	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 1515	SAMPLING ENDED AT: 1518
PUMP OR TUBING DEPTH IN WELL (feet): 29'	SAMPLE PUMP FLOW RATE: (100-500 ml/minute), (1 gallon = 3.785 ml) 300	TUBING MATERIAL CODE: PE	

FIELD DECONTAMINATION: Y (N)

FIELD FILTERED: Y (N) FILTER SIZE: _____micron

Filtration Equipment Type: _____

DUPLICATE: (Y) N

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# of CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
GSSMW-15(I)	2	CG	60mL	HCL	—	—	8260	
Duplicate - 1	2	CG	60mL	HCl	—	—	8260	

REMARKS: Duplicate #1

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **LDPE** = Low Density Polyethylene; **HDPE** = High Density Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **VT** = Vacuum Trap; **O** = Other (Specify)

NOTES:
1. Readings collected every 3-5 minutes.
2. STABILIZATIONCRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS; THREE PARAMETERS ARE REQUIRED, ONE MUST BE SP. COND.

pH: ± 0.1 units, Temperature: ± 0.5 °C, Specific Conductance: ± 3%, Dissolved Oxygen: +/- 0.3mg/L, Turbidity: ≤10 NTU or +/- 10%, ORP: +/- 10mv

If above can't be attained then: Dissolved Oxygen: ± 0.2 mg/l or ± 10% (whichever is greater), Turbidity: ± 5 NTU or ± 10% (whichever if greater)

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Well	Date	Total Volume Purged (gal.)	Turbidity (NTU)	pH	Dissolved Oxygen (mg/L)	Oxidation Reduction Potential (mV)	Specific Conductance (µS/cm)	Temp (ºC)
MW-01(S)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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MW-02(S)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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MW-02D(I)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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MW-03(S)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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MW-04D(S)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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MW-04DR(S)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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MW-04D2(I)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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Well	Date	Total Volume Purged (gal.)	Turbidity (NTU)	pH	Dissolved Oxygen (mg/L)	Oxidation Reduction Potential (mV)	Specific Conductance (µS/cm)	Temp (ºC)
MW-05(S)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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MW-06(I)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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MW-06D(D)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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MW-07(S)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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MW-08(S)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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Well	Date	Total Volume Purged (gal.)	Turbidity (NTU)	pH	Dissolved Oxygen (mg/L)	Oxidation Reduction Potential (mV)	Specific Conductance (μS/cm)	Temp (ºC)
MW-08D(I)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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MW-16(S)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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MW-17(I)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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MW-P1(S)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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GSSMW-02(S)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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GSSMW-04(I)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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GSSMW-05(I)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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GSSMW-08(I)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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[illegible]

[illegible]

Well	Date	Total Volume Purged (gal.)	Turbidity (NTU)	pH	Dissolved Oxygen (mg/L)	Oxidation Reduction Potential (mV)	Specific Conductance (µS/cm)	Temp (ºC)
GSSMW-09(I)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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GSSMW-10(I)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GSSMW-12(D)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GSSMW-13(D)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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GSSMW-14(D)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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Well	Date	Total Volume Purged (gal.)	Turbidity (NTU)	pH	Dissolved Oxygen (mg/L)	Oxidation Reduction Potential (mV)	Specific Conductance (µS/cm)	Temp (ºC)
GSSMW-15(I)	□□□□□□20□2	2□□	□□□□	□□□□	□□2□	2□□□0	□□□□2	□2□□
	□□□□□20□□	2□□	□□□□	□□□□	□□□□	□□□□0	□□□□0	□□□2
	□2□□□20□□	2□□	□□□□	□□2□	2□□□	2□□□0	□□0□□	□2□□
	□2□□□20□□	2□□	□□□□□	□□□□	□□0□	2□□□0	□□0□□	□2□□
	□□□0□20□□	2□□	□2□□2	□□□□	□□□□	□□0□0	□□020	□□□□
	□□□□□20□□	2□0	2□□0	□□□2	0□□□	□□□□□	□□□	□□□□
	□2□20□20□□	□□□	□□□2	□□□□	0□□□	□□□□0	□□0	□□□□
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	□□□□□20□□	□□□	□□□□	□□□2	□□0□	□□□□□	□0□	□□□□
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GSS-P2(D)	□2□□20□□	□□□	□□□□□	□□□2	0□□2	□□□□0	□□□2	□□□□
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GSS-P3(D)	□2□□20□□	2□□	□□□20	□□0□	0□□□	□□□□0	□□□	□□□□
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PW-01(D)	□□□0□20□□	□ □□□□r□□	□ □□□□□ □□□d□d□□□□□d□□ □□□□□□□□□□□r□□□□□					
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PW-02(D)	□□□0□20□□	□□□□0	0□00	□□22	□□□□	□□□□□	□□□	□□□□
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PW-03A(D)	□□□0□20□□	□□□□□	0□00	□□□□	□□02	□□□□□	□2□	□2□□
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PW-04(D)	□□□0□20□□	□□□□2	0□00	□□2□	0□□0	□□0□□□	□□0	□□□□
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Table provided by AECOM and updated by Progressive, provides summary of last stable readings recorded during sample purging.

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APPENDIX B

Communication Plan/Contacts

[illegible]

Title/Name	Contact Information	Communication Recipients *			
		Routine	Non-Routine	Emergency	Other/ Contingency
Granville Solvents Site Response Management Group, LLC Project Coordinator					
Bridget Morello	[illegible]	X	X	X	X
USEPA Remedial Project Manager					
Sheri Bianchin	[illegible]		X	X	X
Ohio EPA Project Manager					
Ray Moreno	[illegible]		X	X	X
Village of Granville, Village Manager					
Herb Koehler	[illegible]			X	X
Granville Water Department Superintendent					
Larry Fruth	[illegible]	X	X	X	X

[illegible]

APPENDIX C

Water Quality Laboratory Analytical Reports

WWW.SRLAB.COM

Thank you Brad Sperry for the opportunity to be of service to you and your company, We Sincerely Appreciate Your Business.

SRL certifies these Laboratory Results were produced in accordance with NELAC Standards. Hold times and preservation requirements were met for all analytes unless specifically call noted in the report. Results relate only to the samples as received.

Southern Research Laboratories, Inc
2251 Lynx Lane, Suite 1
Orlando, Florida 32804
(407) 522-7100 / Fax (407) 522-7043

ANALYTICAL REPORT

For Project:
Granville

NELAP Certified
FDOH # : **E83484**
Lab Received Date : **07/19/19 10:10**

Company Name: **Progressive Engineering and Construction**
Client's Name: **Brad Sperry**
Client's Address: **12402 N. 56th Street**
City: **Tampa**
State: **FL** Zip:**33617**

Facility ID: **NA**
Project Location: **Ohio**
Client's Phone: **813- 930-0669**
Client's Project Number: **P2347**
Lab Reporting Batch ID: **1907026**

Item#	Lab Sample ID	Client Sample ID	Collected Date	Collected Time	Sample Matrix	Analysis Requested
1	1907026-001	MW-08(S)	07/16/19	16:07	AQUEOUS-Groundwater	EPA 8260
2	1907026-002	MW-08D(I)	07/16/19	17:03	AQUEOUS-Groundwater	EPA 8260
3	1907026-003	MW-01(S)	07/16/19	18:10	AQUEOUS-Groundwater	EPA 8260
4	1907026-004	PW-04(D)	07/17/19	8:27	AQUEOUS-Groundwater	EPA 8260
5	1907026-005	PW-3A(D)	07/17/19	9:04	AQUEOUS-Groundwater	EPA 8260
6	1907026-006	PW-02(D)	07/17/19	9:15	AQUEOUS-Groundwater	EPA 8260
7	1907026-007	PW-01(D)	07/17/19	9:56	AQUEOUS-Groundwater	EPA 8260
8	1907026-008	GSSMW-14(D)	07/17/19	10:33	AQUEOUS-Groundwater	EPA 8260
9	1907026-009	GSS-P3(D)	07/17/19	11:18	AQUEOUS-Groundwater	EPA 8260
10	1907026-010	GSS-P2(D)	07/17/19	11:58	AQUEOUS-Groundwater	EPA 8260
11	1907026-011	GSSMW-10(1)	07/17/19	13:30	AQUEOUS-Groundwater	EPA 8260
12	1907026-012	GSSMW-09(1)	07/17/19	13:40	AQUEOUS-Groundwater	EPA 8260
13	1907026-013	GSSMW-08(I)	07/17/19	14:05	AQUEOUS-Groundwater	EPA 8260
14	1907026-014	MW-07D(I)	07/17/19	14:45	AQUEOUS-Groundwater	EPA 8260
15	1907026-015	MW-07(S)	07/17/19	14:54	AQUEOUS-Groundwater	EPA 8260
16	1907026-016	GSSMW-15(I)	07/17/19	16:10	AQUEOUS-Groundwater	EPA 8260
17	1907026-017	MW-16(S)	07/17/19	16:45	AQUEOUS-Groundwater	EPA 8260
18	1907026-018	MW-17(I)	07/17/19	16:48	AQUEOUS-Groundwater	EPA 8260
19	1907026-019	MW--06(I)	07/18/19	7:50	AQUEOUS-Groundwater	EPA 8260
20	1907026-020	MW-04D2(I)	07/18/19	8:25	AQUEOUS-Groundwater	EPA 8260
21	1907026-021	MW-04DR(S)	07/18/19	8:28	AQUEOUS-Groundwater	EPA 8260
22	1907026-022	MW-P1(S)	07/18/19	8:55	AQUEOUS-Groundwater	EPA 8260
23	1907026-023	GSSMW-13(D)	07/18/19	9:06	AQUEOUS-Groundwater	EPA 8260
24	1907026-024	GSSMW-12(D)	07/18/19	9:32	AQUEOUS-Groundwater	EPA 8260
25	1907026-025	MW-02(S)	07/18/19	9:35	AQUEOUS-Groundwater	EPA 8260
26	1907026-026	MW-02D(I)	07/18/19	9:58	AQUEOUS-Groundwater	EPA 8260
27	1907026-027	DUP-1	07/17/19	0:00	AQUEOUS-Groundwater	EPA 8260
28	1907026-028	DUP-2	07/18/19	0:00	AQUEOUS-Groundwater	EPA 8260
29	1907026-029	DUP-3	07/18/19	0:00	AQUEOUS-Groundwater	EPA 8260
34	1907026-034	EQUIP BLANK-1	07/18/19	10:20	AQUEOUS-Other	EPA 8260
35	1907026-035	EQUIP BLANK-2	07/18/19	10:25	AQUEOUS-Other	EPA 8260
36	1907026-036	TRIP BLANK	07/16/19	8:00	AQUEOUS-Other	EPA 8260

Sherri Payne
Vice President / Quality Assurance Officer - SRL

This report, which includes the attached Chain-Of-Custody, shall not be reported except in full, without written approval of the laboratory.

Southern Research Laboratories, Inc
2251 Lynx Lane, Suite 1
Orlando, Florida 32804
(407) 522-7100 / Fax (407) 522-7043

ANALYTICAL REPORT

For Project:
Granville

NELAP Certified
FDOH # : **E83484**
Lab Received Date : **07/19/19 10:10**

Company Name: **Progressive Engineering and Construction**
Client's Name: **Brad Sperry**
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City: **Tampa**
State: **FL** Zip:**33617**

Facility ID: **NA**
Project Location: **Ohio**
Client's Phone: **813- 930-0669**
Client's Project Number: **P2347**
Lab Reporting Batch ID: **1907026**

********** Analytical Results **********

Client Sample ID: **MW-08(S)** Date Collected: **07/16/19 16:07** Matrix ID : **AQUEOUS-Groundwater**
Lab Sample ID: **1907026-001** Collected By: **Brad Sperry**

EPA Method 5030/8260B Volatile Organics in Water by GC-MS

Analyte Name (Analyte ID)	Results/Qual	Units	DF	MDL	PQL	Method	Analyzed Date	By	Batch	Notes
Benzene (71-43-2)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/24/19 19:29	GGL	07241915MB	-
Bromobenzene (108-86-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 19:29	GGL	07241915MB	-
Bromoform (75-25-2)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 19:29	GGL	07241915MB	-
Bromomethane (74-83-9)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/24/19 19:29	GGL	07241915MB	-
Carbon tetrachloride (56-23-5)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/24/19 19:29	GGL	07241915MB	-
Chlorobenzene (108-90-7)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 19:29	GGL	07241915MB	-
Dibromochloromethane (124-48-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 19:29	GGL	07241915MB	-
Chloroethane (75-00-3)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/24/19 19:29	GGL	07241915MB	-
Chloroform (67-66-3)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 19:29	GGL	07241915MB	-
Chloromethane (74-87-3)	0.5 U	ug/L	1	0.5	2	EPA 8260	07/24/19 19:29	GGL	07241915MB	-
2-Chlorotoluene (95-49-8)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 19:29	GGL	07241915MB	-
4-Chlorotoluene (106-43-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 19:29	GGL	07241915MB	-
cis-1,2-Dichloroethene (156-59-2)	***4.3***	ug/L	1	0.2	1	EPA 8260	07/24/19 19:29	GGL	07241915MB	-
cis-1,3-Dichloropropene (10061-01-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 19:29	GGL	07241915MB	-
Dibromomethane (74-95-3)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 19:29	GGL	07241915MB	-
1,2-Dichlorobenzene (95-50-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 19:29	GGL	07241915MB	-
1,3-Dichlorobenzene (541-73-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 19:29	GGL	07241915MB	-
1,4-Dichlorobenzene (106-46-7)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 19:29	GGL	07241915MB	-
Bromodichloromethane (75-27-4)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/24/19 19:29	GGL	07241915MB	-
1,1-Dichloroethane (75-34-3)	***0.51 J***	ug/L	1	0.2	1	EPA 8260	07/24/19 19:29	GGL	07241915MB	-
1,2-Dichloroethane (107-06-2)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 19:29	GGL	07241915MB	-
1,1-Dichloroethene (75-35-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 19:29	GGL	07241915MB	-
1,2-Dichloropropane (78-87-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 19:29	GGL	07241915MB	-
1,3-Dichloropropane (142-28-9)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 19:29	GGL	07241915MB	-
2,2-Dichloropropane (590-20-7)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/24/19 19:29	GGL	07241915MB	-
1,1-Dichloropropene (563-58-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 19:29	GGL	07241915MB	-
Ethylbenzene (100-41-4)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/24/19 19:29	GGL	07241915MB	-
Methylene chloride (75-09-2)	2 U	ug/L	1	2	5	EPA 8260	07/24/19 19:29	GGL	07241915MB	-
Methyl-t-butyl ether (1634-04-4)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/24/19 19:29	GGL	07241915MB	-
Xylene, m,p- (108-38-3/106-42-3)	1 U	ug/L	1	1	2	EPA 8260	07/24/19 19:29	GGL	07241915MB	-
Xylene, o- (95-47-6)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/24/19 19:29	GGL	07241915MB	-
Styrene (Phenylethylene) (100-42-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 19:29	GGL	07241915MB	-
1,1,1,2-Tetrachloroethane (630-20-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 19:29	GGL	07241915MB	-
1,1,2,2-Tetrachloroethane (79-34-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 19:29	GGL	07241915MB	-
Tetrachloroethene (127-18-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 19:29	GGL	07241915MB	-
Toluene (108-88-3)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/24/19 19:29	GGL	07241915MB	-
trans-1,2-Dichloroethene (156-60-5)	***0.54 J***	ug/L	1	0.2	1	EPA 8260	07/24/19 19:29	GGL	07241915MB	-
trans-1,3-Dichloropropene (10061-02-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 19:29	GGL	07241915MB	-
1,2,4-Trichlorobenzene (12-082-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 19:29	GGL	07241915MB	-
1,1,1-Trichloroethane (71-55-6)	***0.31 J***	ug/L	1	0.2	1	EPA 8260	07/24/19 19:29	GGL	07241915MB	-
1,1,2-Trichloroethane (79-00-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 19:29	GGL	07241915MB	-
Trichloroethene (79-01-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 19:29	GGL	07241915MB	-
1,2,3-Trichloropropane (96-18-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 19:29	GGL	07241915MB	-
Vinyl chloride (75-01-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 19:29	GGL	07241915MB	-
Xylenes- Total (1330-20-7)	1.5 U	ug/L	1	1.5	3	EPA 8260	07/24/19 19:29	GGL	07241915MB	-

Surrogates	Result	SPK	Units	DF	%Rec	Analyzed Date	By	Batch	%Limits	Notes
Dibromofluoromethane (DEP-SURR-047)	9.8	10	ug/L	1	98	07/24/19 19:29	GGL	07241915MB	30-170	
1,2-Dichloroethane-d4 (DEP-SURR-002)	9.9	10	ug/L	1	99	07/24/19 19:29	GGL	07241915MB	30-170	
Toluene-d8 (DEP-SURR-038)	9.8	10	ug/L	1	98	07/24/19 19:29	GGL	07241915MB	70-130	
4-Bromofluorobenzene (DEP-SURR-019)	9.8	10	ug/L	1	98	07/24/19 19:29	GGL	07241915MB	30-170	

This report, which includes the attached Chain-Of-Custody, shall not be reported except in full, without written approval of the laboratory.

Southern Research Laboratories, Inc
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(407) 522-7100 / Fax (407) 522-7043

ANALYTICAL REPORT

For Project:
Granville

NELAP Certified
FDOH # : **E83484**
Lab Received Date : **07/19/19 10:10**

Company Name: **Progressive Engineering and Construction**
Client's Name: **Brad Sperry**
Client's Address: **12402 N. 56th Street**
City: **Tampa**
State: **FL** Zip:**33617**

Facility ID: **NA**
Project Location: **Ohio**
Client's Phone: **813- 930-0669**
Client's Project Number: **P2347**
Lab Reporting Batch ID: **1907026**

********** Analytical Results **********

Client Sample ID: **MW-08D(I)** Date Collected: **07/16/19 17:03** Matrix ID : **AQUEOUS-Groundwater**
Lab Sample ID: **1907026-002** Collected By: **Brad Sperry**

EPA Method 5030/8260B Volatile Organics in Water by GC-MS

Analyte Name (Analyte ID)	Results/Qual	Units	DF	MDL	PQL	Method	Analyzed Date	By	Batch	Notes
Benzene (71-43-2)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/24/19 19:53	GGL	07241915MB	-
Bromobenzene (108-86-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 19:53	GGL	07241915MB	-
Bromoform (75-25-2)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 19:53	GGL	07241915MB	-
Bromomethane (74-83-9)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/24/19 19:53	GGL	07241915MB	-
Carbon tetrachloride (56-23-5)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/24/19 19:53	GGL	07241915MB	-
Chlorobenzene (108-90-7)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 19:53	GGL	07241915MB	-
Dibromochloromethane (124-48-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 19:53	GGL	07241915MB	-
Chloroethane (75-00-3)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/24/19 19:53	GGL	07241915MB	-
Chloroform (67-66-3)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 19:53	GGL	07241915MB	-
Chloromethane (74-87-3)	0.5 U	ug/L	1	0.5	2	EPA 8260	07/24/19 19:53	GGL	07241915MB	-
2-Chlorotoluene (95-49-8)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 19:53	GGL	07241915MB	-
4-Chlorotoluene (106-43-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 19:53	GGL	07241915MB	-
cis-1,2-Dichloroethene (156-59-2)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 19:53	GGL	07241915MB	-
cis-1,3-Dichloropropene (10061-01-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 19:53	GGL	07241915MB	-
Dibromomethane (74-95-3)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 19:53	GGL	07241915MB	-
1,2-Dichlorobenzene (95-50-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 19:53	GGL	07241915MB	-
1,3-Dichlorobenzene (541-73-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 19:53	GGL	07241915MB	-
1,4-Dichlorobenzene (106-46-7)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 19:53	GGL	07241915MB	-
Bromodichloromethane (75-27-4)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/24/19 19:53	GGL	07241915MB	-
1,1-Dichloroethane (75-34-3)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 19:53	GGL	07241915MB	-
1,2-Dichloroethane (107-06-2)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 19:53	GGL	07241915MB	-
1,1-Dichloroethene (75-35-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 19:53	GGL	07241915MB	-
1,2-Dichloropropane (78-87-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 19:53	GGL	07241915MB	-
1,3-Dichloropropane (142-28-9)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 19:53	GGL	07241915MB	-
2,2-Dichloropropane (590-20-7)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/24/19 19:53	GGL	07241915MB	-
1,1-Dichloropropene (563-58-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 19:53	GGL	07241915MB	-
Ethylbenzene (100-41-4)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/24/19 19:53	GGL	07241915MB	-
Methylene chloride (75-09-2)	2 U	ug/L	1	2	5	EPA 8260	07/24/19 19:53	GGL	07241915MB	-
Methyl-t-butyl ether (1634-04-4)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/24/19 19:53	GGL	07241915MB	-
Xylene, m,p- (108-38-3/106-42-3)	1 U	ug/L	1	1	2	EPA 8260	07/24/19 19:53	GGL	07241915MB	-
Xylene, o- (95-47-6)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/24/19 19:53	GGL	07241915MB	-
Styrene (Phenylethylene) (100-42-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 19:53	GGL	07241915MB	-
1,1,1,2-Tetrachloroethane (630-20-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 19:53	GGL	07241915MB	-
1,1,2,2-Tetrachloroethane (79-34-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 19:53	GGL	07241915MB	-
Tetrachloroethene (127-18-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 19:53	GGL	07241915MB	-
Toluene (108-88-3)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/24/19 19:53	GGL	07241915MB	-
trans-1,2-Dichloroethene (156-60-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 19:53	GGL	07241915MB	-
trans-1,3-Dichloropropene (10061-02-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 19:53	GGL	07241915MB	-
1,2,4-Trichlorobenzene (12-082-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 19:53	GGL	07241915MB	-
1,1,1-Trichloroethane (71-55-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 19:53	GGL	07241915MB	-
1,1,2-Trichloroethane (79-00-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 19:53	GGL	07241915MB	-
Trichloroethene (79-01-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 19:53	GGL	07241915MB	-
1,2,3-Trichloropropane (96-18-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 19:53	GGL	07241915MB	-
Vinyl chloride (75-01-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 19:53	GGL	07241915MB	-
Xylenes- Total (1330-20-7)	1.5 U	ug/L	1	1.5	3	EPA 8260	07/24/19 19:53	GGL	07241915MB	-

Surrogates	Result	SPK	Units	DF	%Rec	Analyzed Date	By	Batch	%Limits	Notes
Dibromofluoromethane (DEP-SURR-047)	9.9	10	ug/L	1	99	07/24/19 19:53	GGL	07241915MB	30-170	
1,2-Dichloroethane-d4 (DEP-SURR-002)	10.2	10	ug/L	1	102	07/24/19 19:53	GGL	07241915MB	30-170	
Toluene-d8 (DEP-SURR-038)	9.7	10	ug/L	1	97	07/24/19 19:53	GGL	07241915MB	70-130	
4-Bromofluorobenzene (DEP-SURR-019)	9.8	10	ug/L	1	98	07/24/19 19:53	GGL	07241915MB	30-170	

This report, which includes the attached Chain-Of-Custody, shall not be reported except in full, without written approval of the laboratory.

Southern Research Laboratories, Inc
2251 Lynx Lane, Suite 1
Orlando, Florida 32804
(407) 522-7100 / Fax (407) 522-7043

ANALYTICAL REPORT

For Project:
Granville

NELAP Certified
FDOH # : **E83484**
Lab Received Date : **07/19/19 10:10**

Company Name: **Progressive Engineering and Construction**
Client's Name: **Brad Sperry**
Client's Address: **12402 N. 56th Street**
City: **Tampa**
State: **FL** Zip:**33617**

Facility ID: **NA**
Project Location: **Ohio**
Client's Phone: **813- 930-0669**
Client's Project Number: **P2347**
Lab Reporting Batch ID: **1907026**

********** Analytical Results **********

Client Sample ID: **MW-01(S)** Date Collected: **07/16/19 18:10** Matrix ID : **AQUEOUS-Groundwater**
Lab Sample ID: **1907026-003** Collected By: **Brad Sperry**

EPA Method 5030/8260B Volatile Organics in Water by GC-MS

Analyte Name (Analyte ID)	Results/Qual	Units	DF	MDL	PQL	Method	Analyzed Date	By	Batch	Notes
Benzene (71-43-2)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/24/19 20:18	GGL	07241915MB	-
Bromobenzene (108-86-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 20:18	GGL	07241915MB	-
Bromoform (75-25-2)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 20:18	GGL	07241915MB	-
Bromomethane (74-83-9)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/24/19 20:18	GGL	07241915MB	-
Carbon tetrachloride (56-23-5)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/24/19 20:18	GGL	07241915MB	-
Chlorobenzene (108-90-7)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 20:18	GGL	07241915MB	-
Dibromochloromethane (124-48-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 20:18	GGL	07241915MB	-
Chloroethane (75-00-3)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/24/19 20:18	GGL	07241915MB	-
Chloroform (67-66-3)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 20:18	GGL	07241915MB	-
Chloromethane (74-87-3)	0.5 U	ug/L	1	0.5	2	EPA 8260	07/24/19 20:18	GGL	07241915MB	-
2-Chlorotoluene (95-49-8)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 20:18	GGL	07241915MB	-
4-Chlorotoluene (106-43-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 20:18	GGL	07241915MB	-
cis-1,2-Dichloroethene (156-59-2)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 20:18	GGL	07241915MB	-
cis-1,3-Dichloropropene (10061-01-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 20:18	GGL	07241915MB	-
Dibromomethane (74-95-3)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 20:18	GGL	07241915MB	-
1,2-Dichlorobenzene (95-50-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 20:18	GGL	07241915MB	-
1,3-Dichlorobenzene (541-73-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 20:18	GGL	07241915MB	-
1,4-Dichlorobenzene (106-46-7)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 20:18	GGL	07241915MB	-
Bromodichloromethane (75-27-4)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/24/19 20:18	GGL	07241915MB	-
1,1-Dichloroethane (75-34-3)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 20:18	GGL	07241915MB	-
1,2-Dichloroethane (107-06-2)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 20:18	GGL	07241915MB	-
1,1-Dichloroethene (75-35-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 20:18	GGL	07241915MB	-
1,2-Dichloropropane (78-87-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 20:18	GGL	07241915MB	-
1,3-Dichloropropane (142-28-9)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 20:18	GGL	07241915MB	-
2,2-Dichloropropane (590-20-7)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/24/19 20:18	GGL	07241915MB	-
1,1-Dichloropropene (563-58-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 20:18	GGL	07241915MB	-
Ethylbenzene (100-41-4)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/24/19 20:18	GGL	07241915MB	-
Methylene chloride (75-09-2)	2 U	ug/L	1	2	5	EPA 8260	07/24/19 20:18	GGL	07241915MB	-
Methyl-t-butyl ether (1634-04-4)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/24/19 20:18	GGL	07241915MB	-
Xylene, m,p- (108-38-3/106-42-3)	1 U	ug/L	1	1	2	EPA 8260	07/24/19 20:18	GGL	07241915MB	-
Xylene, o- (95-47-6)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/24/19 20:18	GGL	07241915MB	-
Styrene (Phenylethylene) (100-42-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 20:18	GGL	07241915MB	-
1,1,1,2-Tetrachloroethane (630-20-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 20:18	GGL	07241915MB	-
1,1,2,2-Tetrachloroethane (79-34-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 20:18	GGL	07241915MB	-
Tetrachloroethene (127-18-4)	***13***	ug/L	1	0.2	1	EPA 8260	07/24/19 20:18	GGL	07241915MB	-
Toluene (108-88-3)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/24/19 20:18	GGL	07241915MB	-
trans-1,2-Dichloroethene (156-60-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 20:18	GGL	07241915MB	-
trans-1,3-Dichloropropene (10061-02-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 20:18	GGL	07241915MB	-
1,2,4-Trichlorobenzene (12-082-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 20:18	GGL	07241915MB	-
1,1,1-Trichloroethane (71-55-6)	***45***	ug/L	1	0.2	1	EPA 8260	07/24/19 20:18	GGL	07241915MB	-
1,1,2-Trichloroethane (79-00-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 20:18	GGL	07241915MB	-
Trichloroethene (79-01-6)	***16***	ug/L	1	0.2	1	EPA 8260	07/24/19 20:18	GGL	07241915MB	-
1,2,3-Trichloropropane (96-18-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 20:18	GGL	07241915MB	-
Vinyl chloride (75-01-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 20:18	GGL	07241915MB	-
Xylenes- Total (1330-20-7)	1.5 U	ug/L	1	1.5	3	EPA 8260	07/24/19 20:18	GGL	07241915MB	-

Surrogates	Result	SPK	Units	DF	%Rec	Analyzed Date	By	Batch	%Limits	Notes
Dibromofluoromethane (DEP-SURR-047)	9.9	10	ug/L	1	99	07/24/19 20:18	GGL	07241915MB	30-170	
1,2-Dichloroethane-d4 (DEP-SURR-002)	10	10	ug/L	1	100	07/24/19 20:18	GGL	07241915MB	30-170	
Toluene-d8 (DEP-SURR-038)	9.7	10	ug/L	1	97	07/24/19 20:18	GGL	07241915MB	70-130	
4-Bromofluorobenzene (DEP-SURR-019)	9.8	10	ug/L	1	98	07/24/19 20:18	GGL	07241915MB	30-170	

This report, which includes the attached Chain-Of-Custody, shall not be reported except in full, without written approval of the laboratory.

Southern Research Laboratories, Inc
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Orlando, Florida 32804
(407) 522-7100 / Fax (407) 522-7043

ANALYTICAL REPORT

For Project:
Granville

NELAP Certified
FDOH # : **E83484**
Lab Received Date : **07/19/19 10:10**

Company Name: **Progressive Engineering and Construction**
Client's Name: **Brad Sperry**
Client's Address: **12402 N. 56th Street**
City: **Tampa**
State: **FL** Zip:**33617**

Facility ID: **NA**
Project Location: **Ohio**
Client's Phone: **813- 930-0669**
Client's Project Number: **P2347**
Lab Reporting Batch ID: **1907026**

********** Analytical Results **********

Client Sample ID: **PW-04(D)** Date Collected: **07/17/19 08:27** Matrix ID : **AQUEOUS-Groundwater**
Lab Sample ID: **1907026-004** Collected By: **Brad Sperry**

EPA Method 5030/8260B Volatile Organics in Water by GC-MS

Analyte Name (Analyte ID)	Results/Qual	Units	DF	MDL	PQL	Method	Analyzed Date	By	Batch	Notes
Benzene (71-43-2)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/24/19 20:44	GGL	07241915MB	-
Bromobenzene (108-86-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 20:44	GGL	07241915MB	-
Bromoform (75-25-2)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 20:44	GGL	07241915MB	-
Bromomethane (74-83-9)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/24/19 20:44	GGL	07241915MB	-
Carbon tetrachloride (56-23-5)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/24/19 20:44	GGL	07241915MB	-
Chlorobenzene (108-90-7)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 20:44	GGL	07241915MB	-
Dibromochloromethane (124-48-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 20:44	GGL	07241915MB	-
Chloroethane (75-00-3)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/24/19 20:44	GGL	07241915MB	-
Chloroform (67-66-3)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 20:44	GGL	07241915MB	-
Chloromethane (74-87-3)	0.5 U	ug/L	1	0.5	2	EPA 8260	07/24/19 20:44	GGL	07241915MB	-
2-Chlorotoluene (95-49-8)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 20:44	GGL	07241915MB	-
4-Chlorotoluene (106-43-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 20:44	GGL	07241915MB	-
cis-1,2-Dichloroethene (156-59-2)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 20:44	GGL	07241915MB	-
cis-1,3-Dichloropropene (10061-01-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 20:44	GGL	07241915MB	-
Dibromomethane (74-95-3)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 20:44	GGL	07241915MB	-
1,2-Dichlorobenzene (95-50-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 20:44	GGL	07241915MB	-
1,3-Dichlorobenzene (541-73-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 20:44	GGL	07241915MB	-
1,4-Dichlorobenzene (106-46-7)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 20:44	GGL	07241915MB	-
Bromodichloromethane (75-27-4)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/24/19 20:44	GGL	07241915MB	-
1,1-Dichloroethane (75-34-3)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 20:44	GGL	07241915MB	-
1,2-Dichloroethane (107-06-2)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 20:44	GGL	07241915MB	-
1,1-Dichloroethene (75-35-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 20:44	GGL	07241915MB	-
1,2-Dichloropropane (78-87-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 20:44	GGL	07241915MB	-
1,3-Dichloropropane (142-28-9)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 20:44	GGL	07241915MB	-
2,2-Dichloropropane (590-20-7)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/24/19 20:44	GGL	07241915MB	-
1,1-Dichloropropene (563-58-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 20:44	GGL	07241915MB	-
Ethylbenzene (100-41-4)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/24/19 20:44	GGL	07241915MB	-
Methylene chloride (75-09-2)	2 U	ug/L	1	2	5	EPA 8260	07/24/19 20:44	GGL	07241915MB	-
Methyl-t-butyl ether (1634-04-4)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/24/19 20:44	GGL	07241915MB	-
Xylene, m,p- (108-38-3/106-42-3)	1 U	ug/L	1	1	2	EPA 8260	07/24/19 20:44	GGL	07241915MB	-
Xylene, o- (95-47-6)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/24/19 20:44	GGL	07241915MB	-
Styrene (Phenylethylene) (100-42-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 20:44	GGL	07241915MB	-
1,1,1,2-Tetrachloroethane (630-20-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 20:44	GGL	07241915MB	-
1,1,2,2-Tetrachloroethane (79-34-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 20:44	GGL	07241915MB	-
Tetrachloroethene (127-18-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 20:44	GGL	07241915MB	-
Toluene (108-88-3)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/24/19 20:44	GGL	07241915MB	-
trans-1,2-Dichloroethene (156-60-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 20:44	GGL	07241915MB	-
trans-1,3-Dichloropropene (10061-02-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 20:44	GGL	07241915MB	-
1,2,4-Trichlorobenzene (12-082-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 20:44	GGL	07241915MB	-
1,1,1-Trichloroethane (71-55-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 20:44	GGL	07241915MB	-
1,1,2-Trichloroethane (79-00-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 20:44	GGL	07241915MB	-
Trichloroethene (79-01-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 20:44	GGL	07241915MB	-
1,2,3-Trichloropropane (96-18-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 20:44	GGL	07241915MB	-
Vinyl chloride (75-01-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 20:44	GGL	07241915MB	-
Xylenes- Total (1330-20-7)	1.5 U	ug/L	1	1.5	3	EPA 8260	07/24/19 20:44	GGL	07241915MB	-

Surrogates	Result	SPK	Units	DF	%Rec	Analyzed Date	By	Batch	%Limits	Notes
Dibromofluoromethane (DEP-SURR-047)	9.8	10	ug/L	1	98	07/24/19 20:44	GGL	07241915MB	30-170	
1,2-Dichloroethane-d4 (DEP-SURR-002)	10.1	10	ug/L	1	101	07/24/19 20:44	GGL	07241915MB	30-170	
Toluene-d8 (DEP-SURR-038)	9.6	10	ug/L	1	96	07/24/19 20:44	GGL	07241915MB	70-130	
4-Bromofluorobenzene (DEP-SURR-019)	9.9	10	ug/L	1	99	07/24/19 20:44	GGL	07241915MB	30-170	

This report, which includes the attached Chain-Of-Custody, shall not be reported except in full, without written approval of the laboratory.

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2251 Lynx Lane, Suite 1
Orlando, Florida 32804
(407) 522-7100 / Fax (407) 522-7043

ANALYTICAL REPORT

For Project:
Granville

NELAP Certified
FDOH # : **E83484**
Lab Received Date : **07/19/19 10:10**

Company Name: **Progressive Engineering and Construction**
Client's Name: **Brad Sperry**
Client's Address: **12402 N. 56th Street**
City: **Tampa**
State: **FL** Zip:**33617**

Facility ID: **NA**
Project Location: **Ohio**
Client's Phone: **813- 930-0669**
Client's Project Number: **P2347**
Lab Reporting Batch ID: **1907026**

********** Analytical Results **********

Client Sample ID: **PW-3A(D)** Date Collected: **07/17/19 09:04** Matrix ID : **AQUEOUS-Groundwater**
Lab Sample ID: **1907026-005** Collected By: **Brad Sperry**

EPA Method 5030/8260B Volatile Organics in Water by GC-MS

Analyte Name (Analyte ID)	Results/Qual	Units	DF	MDL	PQL	Method	Analyzed Date	By	Batch	Notes
Benzene (71-43-2)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/24/19 21:08	GGL	07241915MB	-
Bromobenzene (108-86-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 21:08	GGL	07241915MB	-
Bromoform (75-25-2)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 21:08	GGL	07241915MB	-
Bromomethane (74-83-9)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/24/19 21:08	GGL	07241915MB	-
Carbon tetrachloride (56-23-5)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/24/19 21:08	GGL	07241915MB	-
Chlorobenzene (108-90-7)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 21:08	GGL	07241915MB	-
Dibromochloromethane (124-48-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 21:08	GGL	07241915MB	-
Chloroethane (75-00-3)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/24/19 21:08	GGL	07241915MB	-
Chloroform (67-66-3)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 21:08	GGL	07241915MB	-
Chloromethane (74-87-3)	0.5 U	ug/L	1	0.5	2	EPA 8260	07/24/19 21:08	GGL	07241915MB	-
2-Chlorotoluene (95-49-8)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 21:08	GGL	07241915MB	-
4-Chlorotoluene (106-43-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 21:08	GGL	07241915MB	-
cis-1,2-Dichloroethene (156-59-2)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 21:08	GGL	07241915MB	-
cis-1,3-Dichloropropene (10061-01-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 21:08	GGL	07241915MB	-
Dibromomethane (74-95-3)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 21:08	GGL	07241915MB	-
1,2-Dichlorobenzene (95-50-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 21:08	GGL	07241915MB	-
1,3-Dichlorobenzene (541-73-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 21:08	GGL	07241915MB	-
1,4-Dichlorobenzene (106-46-7)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 21:08	GGL	07241915MB	-
Bromodichloromethane (75-27-4)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/24/19 21:08	GGL	07241915MB	-
1,1-Dichloroethane (75-34-3)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 21:08	GGL	07241915MB	-
1,2-Dichloroethane (107-06-2)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 21:08	GGL	07241915MB	-
1,1-Dichloroethene (75-35-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 21:08	GGL	07241915MB	-
1,2-Dichloropropane (78-87-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 21:08	GGL	07241915MB	-
1,3-Dichloropropane (142-28-9)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 21:08	GGL	07241915MB	-
2,2-Dichloropropane (590-20-7)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/24/19 21:08	GGL	07241915MB	-
1,1-Dichloropropene (563-58-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 21:08	GGL	07241915MB	-
Ethylbenzene (100-41-4)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/24/19 21:08	GGL	07241915MB	-
Methylene chloride (75-09-2)	2 U	ug/L	1	2	5	EPA 8260	07/24/19 21:08	GGL	07241915MB	-
Methyl-t-butyl ether (1634-04-4)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/24/19 21:08	GGL	07241915MB	-
Xylene, m,p- (108-38-3/106-42-3)	1 U	ug/L	1	1	2	EPA 8260	07/24/19 21:08	GGL	07241915MB	-
Xylene, o- (95-47-6)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/24/19 21:08	GGL	07241915MB	-
Styrene (Phenylethylene) (100-42-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 21:08	GGL	07241915MB	-
1,1,1,2-Tetrachloroethane (630-20-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 21:08	GGL	07241915MB	-
1,1,2,2-Tetrachloroethane (79-34-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 21:08	GGL	07241915MB	-
Tetrachloroethene (127-18-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 21:08	GGL	07241915MB	-
Toluene (108-88-3)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/24/19 21:08	GGL	07241915MB	-
trans-1,2-Dichloroethene (156-60-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 21:08	GGL	07241915MB	-
trans-1,3-Dichloropropene (10061-02-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 21:08	GGL	07241915MB	-
1,2,4-Trichlorobenzene (12-082-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 21:08	GGL	07241915MB	-
1,1,1-Trichloroethane (71-55-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 21:08	GGL	07241915MB	-
1,1,2-Trichloroethane (79-00-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 21:08	GGL	07241915MB	-
Trichloroethene (79-01-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 21:08	GGL	07241915MB	-
1,2,3-Trichloropropane (96-18-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 21:08	GGL	07241915MB	-
Vinyl chloride (75-01-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 21:08	GGL	07241915MB	-
Xylenes- Total (1330-20-7)	1.5 U	ug/L	1	1.5	3	EPA 8260	07/24/19 21:08	GGL	07241915MB	-

Surrogates	Result	SPK	Units	DF	%Rec	Analyzed Date	By	Batch	%Limits	Notes
Dibromofluoromethane (DEP-SURR-047)	9.8	10	ug/L	1	98	07/24/19 21:08	GGL	07241915MB	30-170	
1,2-Dichloroethane-d4 (DEP-SURR-002)	10.4	10	ug/L	1	104	07/24/19 21:08	GGL	07241915MB	30-170	
Toluene-d8 (DEP-SURR-038)	9.7	10	ug/L	1	97	07/24/19 21:08	GGL	07241915MB	70-130	
4-Bromofluorobenzene (DEP-SURR-019)	9.6	10	ug/L	1	96	07/24/19 21:08	GGL	07241915MB	30-170	

This report, which includes the attached Chain-Of-Custody, shall not be reported except in full, without written approval of the laboratory.

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ANALYTICAL REPORT

For Project:
Granville

NELAP Certified
FDOH # : **E83484**
Lab Received Date : **07/19/19 10:10**

Company Name: **Progressive Engineering and Construction**
Client's Name: **Brad Sperry**
Client's Address: **12402 N. 56th Street**
City: **Tampa**
State: **FL** Zip:**33617**

Facility ID: **NA**
Project Location: **Ohio**
Client's Phone: **813- 930-0669**
Client's Project Number: **P2347**
Lab Reporting Batch ID: **1907026**

********** Analytical Results **********

Client Sample ID: **PW-02(D)** Date Collected: **07/17/19 09:15** Matrix ID : **AQUEOUS-Groundwater**
Lab Sample ID: **1907026-006** Collected By: **Brad Sperry**

EPA Method 5030/8260B Volatile Organics in Water by GC-MS

Analyte Name (Analyte ID)	Results/Qual	Units	DF	MDL	PQL	Method	Analyzed Date	By	Batch	Notes
Benzene (71-43-2)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/24/19 21:34	GGL	07241915MB	-
Bromobenzene (108-86-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 21:34	GGL	07241915MB	-
Bromoform (75-25-2)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 21:34	GGL	07241915MB	-
Bromomethane (74-83-9)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/24/19 21:34	GGL	07241915MB	-
Carbon tetrachloride (56-23-5)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/24/19 21:34	GGL	07241915MB	-
Chlorobenzene (108-90-7)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 21:34	GGL	07241915MB	-
Dibromochloromethane (124-48-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 21:34	GGL	07241915MB	-
Chloroethane (75-00-3)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/24/19 21:34	GGL	07241915MB	-
Chloroform (67-66-3)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 21:34	GGL	07241915MB	-
Chloromethane (74-87-3)	0.5 U	ug/L	1	0.5	2	EPA 8260	07/24/19 21:34	GGL	07241915MB	-
2-Chlorotoluene (95-49-8)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 21:34	GGL	07241915MB	-
4-Chlorotoluene (106-43-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 21:34	GGL	07241915MB	-
cis-1,2-Dichloroethene (156-59-2)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 21:34	GGL	07241915MB	-
cis-1,3-Dichloropropene (10061-01-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 21:34	GGL	07241915MB	-
Dibromomethane (74-95-3)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 21:34	GGL	07241915MB	-
1,2-Dichlorobenzene (95-50-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 21:34	GGL	07241915MB	-
1,3-Dichlorobenzene (541-73-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 21:34	GGL	07241915MB	-
1,4-Dichlorobenzene (106-46-7)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 21:34	GGL	07241915MB	-
Bromodichloromethane (75-27-4)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/24/19 21:34	GGL	07241915MB	-
1,1-Dichloroethane (75-34-3)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 21:34	GGL	07241915MB	-
1,2-Dichloroethane (107-06-2)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 21:34	GGL	07241915MB	-
1,1-Dichloroethene (75-35-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 21:34	GGL	07241915MB	-
1,2-Dichloropropane (78-87-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 21:34	GGL	07241915MB	-
1,3-Dichloropropane (142-28-9)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 21:34	GGL	07241915MB	-
2,2-Dichloropropane (590-20-7)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/24/19 21:34	GGL	07241915MB	-
1,1-Dichloropropene (563-58-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 21:34	GGL	07241915MB	-
Ethylbenzene (100-41-4)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/24/19 21:34	GGL	07241915MB	-
Methylene chloride (75-09-2)	2 U	ug/L	1	2	5	EPA 8260	07/24/19 21:34	GGL	07241915MB	-
Methyl-t-butyl ether (1634-04-4)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/24/19 21:34	GGL	07241915MB	-
Xylene, m,p- (108-38-3/106-42-3)	1 U	ug/L	1	1	2	EPA 8260	07/24/19 21:34	GGL	07241915MB	-
Xylene, o- (95-47-6)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/24/19 21:34	GGL	07241915MB	-
Styrene (Phenylethylene) (100-42-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 21:34	GGL	07241915MB	-
1,1,1,2-Tetrachloroethane (630-20-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 21:34	GGL	07241915MB	-
1,1,2,2-Tetrachloroethane (79-34-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 21:34	GGL	07241915MB	-
Tetrachloroethene (127-18-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 21:34	GGL	07241915MB	-
Toluene (108-88-3)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/24/19 21:34	GGL	07241915MB	-
trans-1,2-Dichloroethene (156-60-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 21:34	GGL	07241915MB	-
trans-1,3-Dichloropropene (10061-02-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 21:34	GGL	07241915MB	-
1,2,4-Trichlorobenzene (12-082-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 21:34	GGL	07241915MB	-
1,1,1-Trichloroethane (71-55-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 21:34	GGL	07241915MB	-
1,1,2-Trichloroethane (79-00-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 21:34	GGL	07241915MB	-
Trichloroethene (79-01-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 21:34	GGL	07241915MB	-
1,2,3-Trichloropropane (96-18-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 21:34	GGL	07241915MB	-
Vinyl chloride (75-01-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 21:34	GGL	07241915MB	-
Xylenes- Total (1330-20-7)	1.5 U	ug/L	1	1.5	3	EPA 8260	07/24/19 21:34	GGL	07241915MB	-

Surrogates	Result	SPK	Units	DF	%Rec	Analyzed Date	By	Batch	%Limits	Notes
Dibromofluoromethane (DEP-SURR-047)	9.8	10	ug/L	1	98	07/24/19 21:34	GGL	07241915MB	30-170	
1,2-Dichloroethane-d4 (DEP-SURR-002)	10.1	10	ug/L	1	101	07/24/19 21:34	GGL	07241915MB	30-170	
Toluene-d8 (DEP-SURR-038)	9.7	10	ug/L	1	97	07/24/19 21:34	GGL	07241915MB	70-130	
4-Bromofluorobenzene (DEP-SURR-019)	9.8	10	ug/L	1	98	07/24/19 21:34	GGL	07241915MB	30-170	

This report, which includes the attached Chain-Of-Custody, shall not be reported except in full, without written approval of the laboratory.

Southern Research Laboratories, Inc
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ANALYTICAL REPORT

For Project:
Granville

NELAP Certified
FDOH # : **E83484**
Lab Received Date : **07/19/19 10:10**

Company Name: **Progressive Engineering and Construction**
Client's Name: **Brad Sperry**
Client's Address: **12402 N. 56th Street**
City: **Tampa**
State: **FL** Zip:**33617**

Facility ID: **NA**
Project Location: **Ohio**
Client's Phone: **813- 930-0669**
Client's Project Number: **P2347**
Lab Reporting Batch ID: **1907026**

********** Analytical Results **********

Client Sample ID: **PW-01(D)** Date Collected: **07/17/19 09:56** Matrix ID : **AQUEOUS-Groundwater**
Lab Sample ID: **1907026-007** Collected By: **Brad Sperry**

EPA Method 5030/8260B Volatile Organics in Water by GC-MS

Analyte Name (Analyte ID)	Results/Qual	Units	DF	MDL	PQL	Method	Analyzed Date	By	Batch	Notes
Benzene (71-43-2)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/24/19 21:59	GGL	07241915MB	-
Bromobenzene (108-86-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 21:59	GGL	07241915MB	-
Bromoform (75-25-2)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 21:59	GGL	07241915MB	-
Bromomethane (74-83-9)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/24/19 21:59	GGL	07241915MB	-
Carbon tetrachloride (56-23-5)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/24/19 21:59	GGL	07241915MB	-
Chlorobenzene (108-90-7)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 21:59	GGL	07241915MB	-
Dibromochloromethane (124-48-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 21:59	GGL	07241915MB	-
Chloroethane (75-00-3)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/24/19 21:59	GGL	07241915MB	-
Chloroform (67-66-3)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 21:59	GGL	07241915MB	-
Chloromethane (74-87-3)	0.5 U	ug/L	1	0.5	2	EPA 8260	07/24/19 21:59	GGL	07241915MB	-
2-Chlorotoluene (95-49-8)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 21:59	GGL	07241915MB	-
4-Chlorotoluene (106-43-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 21:59	GGL	07241915MB	-
cis-1,2-Dichloroethene (156-59-2)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 21:59	GGL	07241915MB	-
cis-1,3-Dichloropropene (10061-01-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 21:59	GGL	07241915MB	-
Dibromomethane (74-95-3)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 21:59	GGL	07241915MB	-
1,2-Dichlorobenzene (95-50-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 21:59	GGL	07241915MB	-
1,3-Dichlorobenzene (541-73-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 21:59	GGL	07241915MB	-
1,4-Dichlorobenzene (106-46-7)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 21:59	GGL	07241915MB	-
Bromodichloromethane (75-27-4)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/24/19 21:59	GGL	07241915MB	-
1,1-Dichloroethane (75-34-3)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 21:59	GGL	07241915MB	-
1,2-Dichloroethane (107-06-2)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 21:59	GGL	07241915MB	-
1,1-Dichloroethene (75-35-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 21:59	GGL	07241915MB	-
1,2-Dichloropropane (78-87-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 21:59	GGL	07241915MB	-
1,3-Dichloropropane (142-28-9)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 21:59	GGL	07241915MB	-
2,2-Dichloropropane (590-20-7)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/24/19 21:59	GGL	07241915MB	-
1,1-Dichloropropene (563-58-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 21:59	GGL	07241915MB	-
Ethylbenzene (100-41-4)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/24/19 21:59	GGL	07241915MB	-
Methylene chloride (75-09-2)	2 U	ug/L	1	2	5	EPA 8260	07/24/19 21:59	GGL	07241915MB	-
Methyl-t-butyl ether (1634-04-4)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/24/19 21:59	GGL	07241915MB	-
Xylene, m,p- (108-38-3/106-42-3)	1 U	ug/L	1	1	2	EPA 8260	07/24/19 21:59	GGL	07241915MB	-
Xylene, o- (95-47-6)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/24/19 21:59	GGL	07241915MB	-
Styrene (Phenylethylene) (100-42-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 21:59	GGL	07241915MB	-
1,1,1,2-Tetrachloroethane (630-20-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 21:59	GGL	07241915MB	-
1,1,2,2-Tetrachloroethane (79-34-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 21:59	GGL	07241915MB	-
Tetrachloroethene (127-18-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 21:59	GGL	07241915MB	-
Toluene (108-88-3)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/24/19 21:59	GGL	07241915MB	-
trans-1,2-Dichloroethene (156-60-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 21:59	GGL	07241915MB	-
trans-1,3-Dichloropropene (10061-02-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 21:59	GGL	07241915MB	-
1,2,4-Trichlorobenzene (12-082-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 21:59	GGL	07241915MB	-
1,1,1-Trichloroethane (71-55-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 21:59	GGL	07241915MB	-
1,1,2-Trichloroethane (79-00-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 21:59	GGL	07241915MB	-
Trichloroethene (79-01-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 21:59	GGL	07241915MB	-
1,2,3-Trichloropropane (96-18-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 21:59	GGL	07241915MB	-
Vinyl chloride (75-01-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 21:59	GGL	07241915MB	-
Xylenes- Total (1330-20-7)	1.5 U	ug/L	1	1.5	3	EPA 8260	07/24/19 21:59	GGL	07241915MB	-

Surrogates	Result	SPK	Units	DF	%Rec	Analyzed Date	By	Batch	%Limits	Notes
Dibromofluoromethane (DEP-SURR-047)	9.7	10	ug/L	1	97	07/24/19 21:59	GGL	07241915MB	30-170	
1,2-Dichloroethane-d4 (DEP-SURR-002)	9.9	10	ug/L	1	99	07/24/19 21:59	GGL	07241915MB	30-170	
Toluene-d8 (DEP-SURR-038)	9.7	10	ug/L	1	97	07/24/19 21:59	GGL	07241915MB	70-130	
4-Bromofluorobenzene (DEP-SURR-019)	9.8	10	ug/L	1	98	07/24/19 21:59	GGL	07241915MB	30-170	

This report, which includes the attached Chain-Of-Custody, shall not be reported except in full, without written approval of the laboratory.

Southern Research Laboratories, Inc
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Orlando, Florida 32804
(407) 522-7100 / Fax (407) 522-7043

ANALYTICAL REPORT

For Project:
Granville

NELAP Certified
FDOH # : **E83484**
Lab Received Date : **07/19/19 10:10**

Company Name: **Progressive Engineering and Construction**
Client's Name: **Brad Sperry**
Client's Address: **12402 N. 56th Street**
City: **Tampa**
State: **FL** Zip:**33617**

Facility ID: **NA**
Project Location: **Ohio**
Client's Phone: **813- 930-0669**
Client's Project Number: **P2347**
Lab Reporting Batch ID: **1907026**

********** Analytical Results **********

Client Sample ID: **GSSMW-14(D)** Date Collected: **07/17/19 10:33** Matrix ID : **AQUEOUS-Groundwater**
Lab Sample ID: **1907026-008** Collected By: **Brad Sperry**

EPA Method 5030/8260B Volatile Organics in Water by GC-MS

Analyte Name (Analyte ID)	Results/Qual	Units	DF	MDL	PQL	Method	Analyzed Date	By	Batch	Notes
Benzene (71-43-2)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/24/19 22:24	GGL	07241915MB	-
Bromobenzene (108-86-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 22:24	GGL	07241915MB	-
Bromoform (75-25-2)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 22:24	GGL	07241915MB	-
Bromomethane (74-83-9)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/24/19 22:24	GGL	07241915MB	-
Carbon tetrachloride (56-23-5)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/24/19 22:24	GGL	07241915MB	-
Chlorobenzene (108-90-7)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 22:24	GGL	07241915MB	-
Dibromochloromethane (124-48-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 22:24	GGL	07241915MB	-
Chloroethane (75-00-3)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/24/19 22:24	GGL	07241915MB	-
Chloroform (67-66-3)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 22:24	GGL	07241915MB	-
Chloromethane (74-87-3)	0.5 U	ug/L	1	0.5	2	EPA 8260	07/24/19 22:24	GGL	07241915MB	-
2-Chlorotoluene (95-49-8)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 22:24	GGL	07241915MB	-
4-Chlorotoluene (106-43-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 22:24	GGL	07241915MB	-
cis-1,2-Dichloroethene (156-59-2)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 22:24	GGL	07241915MB	-
cis-1,3-Dichloropropene (10061-01-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 22:24	GGL	07241915MB	-
Dibromomethane (74-95-3)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 22:24	GGL	07241915MB	-
1,2-Dichlorobenzene (95-50-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 22:24	GGL	07241915MB	-
1,3-Dichlorobenzene (541-73-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 22:24	GGL	07241915MB	-
1,4-Dichlorobenzene (106-46-7)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 22:24	GGL	07241915MB	-
Bromodichloromethane (75-27-4)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/24/19 22:24	GGL	07241915MB	-
1,1-Dichloroethane (75-34-3)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 22:24	GGL	07241915MB	-
1,2-Dichloroethane (107-06-2)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 22:24	GGL	07241915MB	-
1,1-Dichloroethene (75-35-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 22:24	GGL	07241915MB	-
1,2-Dichloropropane (78-87-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 22:24	GGL	07241915MB	-
1,3-Dichloropropane (142-28-9)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 22:24	GGL	07241915MB	-
2,2-Dichloropropane (590-20-7)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/24/19 22:24	GGL	07241915MB	-
1,1-Dichloropropene (563-58-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 22:24	GGL	07241915MB	-
Ethylbenzene (100-41-4)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/24/19 22:24	GGL	07241915MB	-
Methylene chloride (75-09-2)	2 U	ug/L	1	2	5	EPA 8260	07/24/19 22:24	GGL	07241915MB	-
Methyl-t-butyl ether (1634-04-4)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/24/19 22:24	GGL	07241915MB	-
Xylene, m,p- (108-38-3/106-42-3)	1 U	ug/L	1	1	2	EPA 8260	07/24/19 22:24	GGL	07241915MB	-
Xylene, o- (95-47-6)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/24/19 22:24	GGL	07241915MB	-
Styrene (Phenylethylene) (100-42-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 22:24	GGL	07241915MB	-
1,1,1,2-Tetrachloroethane (630-20-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 22:24	GGL	07241915MB	-
1,1,2,2-Tetrachloroethane (79-34-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 22:24	GGL	07241915MB	-
Tetrachloroethene (127-18-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 22:24	GGL	07241915MB	-
Toluene (108-88-3)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/24/19 22:24	GGL	07241915MB	-
trans-1,2-Dichloroethene (156-60-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 22:24	GGL	07241915MB	-
trans-1,3-Dichloropropene (10061-02-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 22:24	GGL	07241915MB	-
1,2,4-Trichlorobenzene (12-082-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 22:24	GGL	07241915MB	-
1,1,1-Trichloroethane (71-55-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 22:24	GGL	07241915MB	-
1,1,2-Trichloroethane (79-00-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 22:24	GGL	07241915MB	-
Trichloroethene (79-01-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 22:24	GGL	07241915MB	-
1,2,3-Trichloropropane (96-18-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 22:24	GGL	07241915MB	-
Vinyl chloride (75-01-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 22:24	GGL	07241915MB	-
Xylenes- Total (1330-20-7)	1.5 U	ug/L	1	1.5	3	EPA 8260	07/24/19 22:24	GGL	07241915MB	-

Surrogates	Result	SPK	Units	DF	%Rec	Analyzed Date	By	Batch	%Limits	Notes
Dibromofluoromethane (DEP-SURR-047)	9.8	10	ug/L	1	98	07/24/19 22:24	GGL	07241915MB	30-170	
1,2-Dichloroethane-d4 (DEP-SURR-002)	10.4	10	ug/L	1	104	07/24/19 22:24	GGL	07241915MB	30-170	
Toluene-d8 (DEP-SURR-038)	9.6	10	ug/L	1	96	07/24/19 22:24	GGL	07241915MB	70-130	
4-Bromofluorobenzene (DEP-SURR-019)	9.7	10	ug/L	1	97	07/24/19 22:24	GGL	07241915MB	30-170	

This report, which includes the attached Chain-Of-Custody, shall not be reported except in full, without written approval of the laboratory.

Southern Research Laboratories, Inc
2251 Lynx Lane, Suite 1
Orlando, Florida 32804
(407) 522-7100 / Fax (407) 522-7043

ANALYTICAL REPORT

For Project:
Granville

NELAP Certified
FDOH # : **E83484**
Lab Received Date : **07/19/19 10:10**

Company Name: **Progressive Engineering and Construction**
Client's Name: **Brad Sperry**
Client's Address: **12402 N. 56th Street**
City: **Tampa**
State: **FL** Zip:**33617**

Facility ID: **NA**
Project Location: **Ohio**
Client's Phone: **813- 930-0669**
Client's Project Number: **P2347**
Lab Reporting Batch ID: **1907026**

********** Analytical Results **********

Client Sample ID: **GSS-P3(D)** Date Collected: **07/17/19 11:18** Matrix ID : **AQUEOUS-Groundwater**
Lab Sample ID: **1907026-009** Collected By: **Brad Sperry**

EPA Method 5030/8260B Volatile Organics in Water by GC-MS

Analyte Name (Analyte ID)	Results/Qual	Units	DF	MDL	PQL	Method	Analyzed Date	By	Batch	Notes
Benzene (71-43-2)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/24/19 22:50	GGL	07241915MB	-
Bromobenzene (108-86-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 22:50	GGL	07241915MB	-
Bromoform (75-25-2)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 22:50	GGL	07241915MB	-
Bromomethane (74-83-9)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/24/19 22:50	GGL	07241915MB	-
Carbon tetrachloride (56-23-5)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/24/19 22:50	GGL	07241915MB	-
Chlorobenzene (108-90-7)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 22:50	GGL	07241915MB	-
Dibromochloromethane (124-48-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 22:50	GGL	07241915MB	-
Chloroethane (75-00-3)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/24/19 22:50	GGL	07241915MB	-
Chloroform (67-66-3)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 22:50	GGL	07241915MB	-
Chloromethane (74-87-3)	0.5 U	ug/L	1	0.5	2	EPA 8260	07/24/19 22:50	GGL	07241915MB	-
2-Chlorotoluene (95-49-8)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 22:50	GGL	07241915MB	-
4-Chlorotoluene (106-43-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 22:50	GGL	07241915MB	-
cis-1,2-Dichloroethene (156-59-2)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 22:50	GGL	07241915MB	-
cis-1,3-Dichloropropene (10061-01-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 22:50	GGL	07241915MB	-
Dibromomethane (74-95-3)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 22:50	GGL	07241915MB	-
1,2-Dichlorobenzene (95-50-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 22:50	GGL	07241915MB	-
1,3-Dichlorobenzene (541-73-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 22:50	GGL	07241915MB	-
1,4-Dichlorobenzene (106-46-7)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 22:50	GGL	07241915MB	-
Bromodichloromethane (75-27-4)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/24/19 22:50	GGL	07241915MB	-
1,1-Dichloroethane (75-34-3)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 22:50	GGL	07241915MB	-
1,2-Dichloroethane (107-06-2)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 22:50	GGL	07241915MB	-
1,1-Dichloroethene (75-35-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 22:50	GGL	07241915MB	-
1,2-Dichloropropane (78-87-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 22:50	GGL	07241915MB	-
1,3-Dichloropropane (142-28-9)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 22:50	GGL	07241915MB	-
2,2-Dichloropropane (590-20-7)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/24/19 22:50	GGL	07241915MB	-
1,1-Dichloropropene (563-58-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 22:50	GGL	07241915MB	-
Ethylbenzene (100-41-4)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/24/19 22:50	GGL	07241915MB	-
Methylene chloride (75-09-2)	2 U	ug/L	1	2	5	EPA 8260	07/24/19 22:50	GGL	07241915MB	-
Methyl-t-butyl ether (1634-04-4)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/24/19 22:50	GGL	07241915MB	-
Xylene, m,p- (108-38-3/106-42-3)	1 U	ug/L	1	1	2	EPA 8260	07/24/19 22:50	GGL	07241915MB	-
Xylene, o- (95-47-6)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/24/19 22:50	GGL	07241915MB	-
Styrene (Phenylethylene) (100-42-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 22:50	GGL	07241915MB	-
1,1,1,2-Tetrachloroethane (630-20-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 22:50	GGL	07241915MB	-
1,1,2,2-Tetrachloroethane (79-34-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 22:50	GGL	07241915MB	-
Tetrachloroethene (127-18-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 22:50	GGL	07241915MB	-
Toluene (108-88-3)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/24/19 22:50	GGL	07241915MB	-
trans-1,2-Dichloroethene (156-60-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 22:50	GGL	07241915MB	-
trans-1,3-Dichloropropene (10061-02-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 22:50	GGL	07241915MB	-
1,2,4-Trichlorobenzene (12-082-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 22:50	GGL	07241915MB	-
1,1,1-Trichloroethane (71-55-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 22:50	GGL	07241915MB	-
1,1,2-Trichloroethane (79-00-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 22:50	GGL	07241915MB	-
Trichloroethene (79-01-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 22:50	GGL	07241915MB	-
1,2,3-Trichloropropane (96-18-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 22:50	GGL	07241915MB	-
Vinyl chloride (75-01-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 22:50	GGL	07241915MB	-
Xylenes- Total (1330-20-7)	1.5 U	ug/L	1	1.5	3	EPA 8260	07/24/19 22:50	GGL	07241915MB	-

Surrogates	Result	SPK	Units	DF	%Rec	Analyzed Date	By	Batch	%Limits	Notes
Dibromofluoromethane (DEP-SURR-047)	9.9	10	ug/L	1	99	07/24/19 22:50	GGL	07241915MB	30-170	
1,2-Dichloroethane-d4 (DEP-SURR-002)	10.1	10	ug/L	1	101	07/24/19 22:50	GGL	07241915MB	30-170	
Toluene-d8 (DEP-SURR-038)	9.7	10	ug/L	1	97	07/24/19 22:50	GGL	07241915MB	70-130	
4-Bromofluorobenzene (DEP-SURR-019)	9.7	10	ug/L	1	97	07/24/19 22:50	GGL	07241915MB	30-170	

This report, which includes the attached Chain-Of-Custody, shall not be reported except in full, without written approval of the laboratory.

Southern Research Laboratories, Inc
2251 Lynx Lane, Suite 1
Orlando, Florida 32804
(407) 522-7100 / Fax (407) 522-7043

ANALYTICAL REPORT

For Project:
Granville

NELAP Certified
FDOH # : **E83484**
Lab Received Date : **07/19/19 10:10**

Company Name: **Progressive Engineering and Construction**
Client's Name: **Brad Sperry**
Client's Address: **12402 N. 56th Street**
City: **Tampa**
State: **FL** Zip:**33617**

Facility ID: **NA**
Project Location: **Ohio**
Client's Phone: **813- 930-0669**
Client's Project Number: **P2347**
Lab Reporting Batch ID: **1907026**

********** Analytical Results **********

Client Sample ID: **GSS-P2(D)** Date Collected: **07/17/19 11:58** Matrix ID : **AQUEOUS-Groundwater**
Lab Sample ID: **1907026-010** Collected By: **Brad Sperry**

EPA Method 5030/8260B Volatile Organics in Water by GC-MS

Analyte Name (Analyte ID)	Results/Qual	Units	DF	MDL	PQL	Method	Analyzed Date	By	Batch	Notes
Benzene (71-43-2)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/24/19 23:14	GGL	07241915MB	-
Bromobenzene (108-86-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 23:14	GGL	07241915MB	-
Bromoform (75-25-2)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 23:14	GGL	07241915MB	-
Bromomethane (74-83-9)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/24/19 23:14	GGL	07241915MB	-
Carbon tetrachloride (56-23-5)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/24/19 23:14	GGL	07241915MB	-
Chlorobenzene (108-90-7)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 23:14	GGL	07241915MB	-
Dibromochloromethane (124-48-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 23:14	GGL	07241915MB	-
Chloroethane (75-00-3)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/24/19 23:14	GGL	07241915MB	-
Chloroform (67-66-3)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 23:14	GGL	07241915MB	-
Chloromethane (74-87-3)	0.5 U	ug/L	1	0.5	2	EPA 8260	07/24/19 23:14	GGL	07241915MB	-
2-Chlorotoluene (95-49-8)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 23:14	GGL	07241915MB	-
4-Chlorotoluene (106-43-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 23:14	GGL	07241915MB	-
cis-1,2-Dichloroethene (156-59-2)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 23:14	GGL	07241915MB	-
cis-1,3-Dichloropropene (10061-01-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 23:14	GGL	07241915MB	-
Dibromomethane (74-95-3)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 23:14	GGL	07241915MB	-
1,2-Dichlorobenzene (95-50-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 23:14	GGL	07241915MB	-
1,3-Dichlorobenzene (541-73-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 23:14	GGL	07241915MB	-
1,4-Dichlorobenzene (106-46-7)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 23:14	GGL	07241915MB	-
Bromodichloromethane (75-27-4)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/24/19 23:14	GGL	07241915MB	-
1,1-Dichloroethane (75-34-3)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 23:14	GGL	07241915MB	-
1,2-Dichloroethane (107-06-2)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 23:14	GGL	07241915MB	-
1,1-Dichloroethene (75-35-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 23:14	GGL	07241915MB	-
1,2-Dichloropropane (78-87-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 23:14	GGL	07241915MB	-
1,3-Dichloropropane (142-28-9)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 23:14	GGL	07241915MB	-
2,2-Dichloropropane (590-20-7)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/24/19 23:14	GGL	07241915MB	-
1,1-Dichloropropene (563-58-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 23:14	GGL	07241915MB	-
Ethylbenzene (100-41-4)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/24/19 23:14	GGL	07241915MB	-
Methylene chloride (75-09-2)	2 U	ug/L	1	2	5	EPA 8260	07/24/19 23:14	GGL	07241915MB	-
Methyl-t-butyl ether (1634-04-4)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/24/19 23:14	GGL	07241915MB	-
Xylene, m,p- (108-38-3/106-42-3)	1 U	ug/L	1	1	2	EPA 8260	07/24/19 23:14	GGL	07241915MB	-
Xylene, o- (95-47-6)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/24/19 23:14	GGL	07241915MB	-
Styrene (Phenylethylene) (100-42-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 23:14	GGL	07241915MB	-
1,1,1,2-Tetrachloroethane (630-20-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 23:14	GGL	07241915MB	-
1,1,2,2-Tetrachloroethane (79-34-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 23:14	GGL	07241915MB	-
Tetrachloroethene (127-18-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 23:14	GGL	07241915MB	-
Toluene (108-88-3)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/24/19 23:14	GGL	07241915MB	-
trans-1,2-Dichloroethene (156-60-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 23:14	GGL	07241915MB	-
trans-1,3-Dichloropropene (10061-02-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 23:14	GGL	07241915MB	-
1,2,4-Trichlorobenzene (12-082-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 23:14	GGL	07241915MB	-
1,1,1-Trichloroethane (71-55-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 23:14	GGL	07241915MB	-
1,1,2-Trichloroethane (79-00-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 23:14	GGL	07241915MB	-
Trichloroethene (79-01-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 23:14	GGL	07241915MB	-
1,2,3-Trichloropropane (96-18-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 23:14	GGL	07241915MB	-
Vinyl chloride (75-01-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 23:14	GGL	07241915MB	-
Xylenes- Total (1330-20-7)	1.5 U	ug/L	1	1.5	3	EPA 8260	07/24/19 23:14	GGL	07241915MB	-

Surrogates	Result	SPK	Units	DF	%Rec	Analyzed Date	By	Batch	%Limits	Notes
Dibromofluoromethane (DEP-SURR-047)	9.8	10	ug/L	1	98	07/24/19 23:14	GGL	07241915MB	30-170	
1,2-Dichloroethane-d4 (DEP-SURR-002)	10.1	10	ug/L	1	101	07/24/19 23:14	GGL	07241915MB	30-170	
Toluene-d8 (DEP-SURR-038)	9.6	10	ug/L	1	96	07/24/19 23:14	GGL	07241915MB	70-130	
4-Bromofluorobenzene (DEP-SURR-019)	9.8	10	ug/L	1	98	07/24/19 23:14	GGL	07241915MB	30-170	

This report, which includes the attached Chain-Of-Custody, shall not be reported except in full, without written approval of the laboratory.

Southern Research Laboratories, Inc
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Orlando, Florida 32804
(407) 522-7100 / Fax (407) 522-7043

ANALYTICAL REPORT

For Project:
Granville

NELAP Certified
FDOH # : **E83484**
Lab Received Date : **07/19/19 10:10**

Company Name: **Progressive Engineering and Construction**
Client's Name: **Brad Sperry**
Client's Address: **12402 N. 56th Street**
City: **Tampa**
State: **FL** Zip:**33617**

Facility ID: **NA**
Project Location: **Ohio**
Client's Phone: **813- 930-0669**
Client's Project Number: **P2347**
Lab Reporting Batch ID: **1907026**

********** Analytical Results **********

Client Sample ID: **GSSMW-10(1)** Date Collected: **07/17/19 13:30** Matrix ID : **AQUEOUS-Groundwater**
Lab Sample ID: **1907026-011** Collected By: **Brad Sperry**

EPA Method 5030/8260B Volatile Organics in Water by GC-MS

Analyte Name (Analyte ID)	Results/Qual	Units	DF	MDL	PQL	Method	Analyzed Date	By	Batch	Notes
Benzene (71-43-2)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/24/19 23:39	GGL	07241915MB	-
Bromobenzene (108-86-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 23:39	GGL	07241915MB	-
Bromoform (75-25-2)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 23:39	GGL	07241915MB	-
Bromomethane (74-83-9)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/24/19 23:39	GGL	07241915MB	-
Carbon tetrachloride (56-23-5)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/24/19 23:39	GGL	07241915MB	-
Chlorobenzene (108-90-7)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 23:39	GGL	07241915MB	-
Dibromochloromethane (124-48-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 23:39	GGL	07241915MB	-
Chloroethane (75-00-3)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/24/19 23:39	GGL	07241915MB	-
Chloroform (67-66-3)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 23:39	GGL	07241915MB	-
Chloromethane (74-87-3)	0.5 U	ug/L	1	0.5	2	EPA 8260	07/24/19 23:39	GGL	07241915MB	-
2-Chlorotoluene (95-49-8)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 23:39	GGL	07241915MB	-
4-Chlorotoluene (106-43-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 23:39	GGL	07241915MB	-
cis-1,2-Dichloroethene (156-59-2)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 23:39	GGL	07241915MB	-
cis-1,3-Dichloropropene (10061-01-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 23:39	GGL	07241915MB	-
Dibromomethane (74-95-3)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 23:39	GGL	07241915MB	-
1,2-Dichlorobenzene (95-50-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 23:39	GGL	07241915MB	-
1,3-Dichlorobenzene (541-73-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 23:39	GGL	07241915MB	-
1,4-Dichlorobenzene (106-46-7)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 23:39	GGL	07241915MB	-
Bromodichloromethane (75-27-4)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/24/19 23:39	GGL	07241915MB	-
1,1-Dichloroethane (75-34-3)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 23:39	GGL	07241915MB	-
1,2-Dichloroethane (107-06-2)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 23:39	GGL	07241915MB	-
1,1-Dichloroethene (75-35-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 23:39	GGL	07241915MB	-
1,2-Dichloropropane (78-87-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 23:39	GGL	07241915MB	-
1,3-Dichloropropane (142-28-9)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 23:39	GGL	07241915MB	-
2,2-Dichloropropane (590-20-7)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/24/19 23:39	GGL	07241915MB	-
1,1-Dichloropropene (563-58-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 23:39	GGL	07241915MB	-
Ethylbenzene (100-41-4)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/24/19 23:39	GGL	07241915MB	-
Methylene chloride (75-09-2)	2 U	ug/L	1	2	5	EPA 8260	07/24/19 23:39	GGL	07241915MB	-
Methyl-t-butyl ether (1634-04-4)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/24/19 23:39	GGL	07241915MB	-
Xylene, m,p- (108-38-3/106-42-3)	1 U	ug/L	1	1	2	EPA 8260	07/24/19 23:39	GGL	07241915MB	-
Xylene, o- (95-47-6)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/24/19 23:39	GGL	07241915MB	-
Styrene (Phenylethylene) (100-42-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 23:39	GGL	07241915MB	-
1,1,1,2-Tetrachloroethane (630-20-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 23:39	GGL	07241915MB	-
1,1,2,2-Tetrachloroethane (79-34-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 23:39	GGL	07241915MB	-
Tetrachloroethene (127-18-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 23:39	GGL	07241915MB	-
Toluene (108-88-3)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/24/19 23:39	GGL	07241915MB	-
trans-1,2-Dichloroethene (156-60-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 23:39	GGL	07241915MB	-
trans-1,3-Dichloropropene (10061-02-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 23:39	GGL	07241915MB	-
1,2,4-Trichlorobenzene (12-082-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 23:39	GGL	07241915MB	-
1,1,1-Trichloroethane (71-55-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 23:39	GGL	07241915MB	-
1,1,2-Trichloroethane (79-00-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 23:39	GGL	07241915MB	-
Trichloroethene (79-01-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 23:39	GGL	07241915MB	-
1,2,3-Trichloropropane (96-18-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 23:39	GGL	07241915MB	-
Vinyl chloride (75-01-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 23:39	GGL	07241915MB	-
Xylenes- Total (1330-20-7)	1.5 U	ug/L	1	1.5	3	EPA 8260	07/24/19 23:39	GGL	07241915MB	-

Surrogates	Result	SPK	Units	DF	%Rec	Analyzed Date	By	Batch	%Limits	Notes
Dibromofluoromethane (DEP-SURR-047)	9.7	10	ug/L	1	97	07/24/19 23:39	GGL	07241915MB	30-170	
1,2-Dichloroethane-d4 (DEP-SURR-002)	10.4	10	ug/L	1	104	07/24/19 23:39	GGL	07241915MB	30-170	
Toluene-d8 (DEP-SURR-038)	9.6	10	ug/L	1	96	07/24/19 23:39	GGL	07241915MB	70-130	
4-Bromofluorobenzene (DEP-SURR-019)	9.6	10	ug/L	1	96	07/24/19 23:39	GGL	07241915MB	30-170	

This report, which includes the attached Chain-Of-Custody, shall not be reported except in full, without written approval of the laboratory.

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ANALYTICAL REPORT

For Project:
Granville

NELAP Certified
FDOH # : **E83484**
Lab Received Date : **07/19/19 10:10**

Company Name: **Progressive Engineering and Construction**
Client's Name: **Brad Sperry**
Client's Address: **12402 N. 56th Street**
City: **Tampa**
State: **FL** Zip:**33617**

Facility ID: **NA**
Project Location: **Ohio**
Client's Phone: **813- 930-0669**
Client's Project Number: **P2347**
Lab Reporting Batch ID: **1907026**

********** Analytical Results **********

Client Sample ID: **GSSMW-09(1)** Date Collected: **07/17/19 13:40** Matrix ID : **AQUEOUS-Groundwater**
Lab Sample ID: **1907026-012** Collected By: **Brad Sperry**

EPA Method 5030/8260B Volatile Organics in Water by GC-MS

Analyte Name (Analyte ID)	Results/Qual	Units	DF	MDL	PQL	Method	Analyzed Date	By	Batch	Notes
Benzene (71-43-2)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/25/19 00:04	GGL	07241915MB	-
Bromobenzene (108-86-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/25/19 00:04	GGL	07241915MB	-
Bromoform (75-25-2)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/25/19 00:04	GGL	07241915MB	-
Bromomethane (74-83-9)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/25/19 00:04	GGL	07241915MB	-
Carbon tetrachloride (56-23-5)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/25/19 00:04	GGL	07241915MB	-
Chlorobenzene (108-90-7)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/25/19 00:04	GGL	07241915MB	-
Dibromochloromethane (124-48-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/25/19 00:04	GGL	07241915MB	-
Chloroethane (75-00-3)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/25/19 00:04	GGL	07241915MB	-
Chloroform (67-66-3)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/25/19 00:04	GGL	07241915MB	-
Chloromethane (74-87-3)	0.5 U	ug/L	1	0.5	2	EPA 8260	07/25/19 00:04	GGL	07241915MB	-
2-Chlorotoluene (95-49-8)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/25/19 00:04	GGL	07241915MB	-
4-Chlorotoluene (106-43-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/25/19 00:04	GGL	07241915MB	-
cis-1,2-Dichloroethene (156-59-2)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/25/19 00:04	GGL	07241915MB	-
cis-1,3-Dichloropropene (10061-01-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/25/19 00:04	GGL	07241915MB	-
Dibromomethane (74-95-3)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/25/19 00:04	GGL	07241915MB	-
1,2-Dichlorobenzene (95-50-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/25/19 00:04	GGL	07241915MB	-
1,3-Dichlorobenzene (541-73-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/25/19 00:04	GGL	07241915MB	-
1,4-Dichlorobenzene (106-46-7)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/25/19 00:04	GGL	07241915MB	-
Bromodichloromethane (75-27-4)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/25/19 00:04	GGL	07241915MB	-
1,1-Dichloroethane (75-34-3)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/25/19 00:04	GGL	07241915MB	-
1,2-Dichloroethane (107-06-2)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/25/19 00:04	GGL	07241915MB	-
1,1-Dichloroethene (75-35-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/25/19 00:04	GGL	07241915MB	-
1,2-Dichloropropane (78-87-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/25/19 00:04	GGL	07241915MB	-
1,3-Dichloropropane (142-28-9)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/25/19 00:04	GGL	07241915MB	-
2,2-Dichloropropane (590-20-7)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/25/19 00:04	GGL	07241915MB	-
1,1-Dichloropropene (563-58-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/25/19 00:04	GGL	07241915MB	-
Ethylbenzene (100-41-4)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/25/19 00:04	GGL	07241915MB	-
Methylene chloride (75-09-2)	2 U	ug/L	1	2	5	EPA 8260	07/25/19 00:04	GGL	07241915MB	-
Methyl-t-butyl ether (1634-04-4)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/25/19 00:04	GGL	07241915MB	-
Xylene, m,p- (108-38-3/106-42-3)	1 U	ug/L	1	1	2	EPA 8260	07/25/19 00:04	GGL	07241915MB	-
Xylene, o- (95-47-6)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/25/19 00:04	GGL	07241915MB	-
Styrene (Phenylethylene) (100-42-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/25/19 00:04	GGL	07241915MB	-
1,1,1,2-Tetrachloroethane (630-20-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/25/19 00:04	GGL	07241915MB	-
1,1,2,2-Tetrachloroethane (79-34-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/25/19 00:04	GGL	07241915MB	-
Tetrachloroethene (127-18-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/25/19 00:04	GGL	07241915MB	-
Toluene (108-88-3)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/25/19 00:04	GGL	07241915MB	-
trans-1,2-Dichloroethene (156-60-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/25/19 00:04	GGL	07241915MB	-
trans-1,3-Dichloropropene (10061-02-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/25/19 00:04	GGL	07241915MB	-
1,2,4-Trichlorobenzene (12-082-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/25/19 00:04	GGL	07241915MB	-
1,1,1-Trichloroethane (71-55-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/25/19 00:04	GGL	07241915MB	-
1,1,2-Trichloroethane (79-00-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/25/19 00:04	GGL	07241915MB	-
Trichloroethene (79-01-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/25/19 00:04	GGL	07241915MB	-
1,2,3-Trichloropropane (96-18-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/25/19 00:04	GGL	07241915MB	-
Vinyl chloride (75-01-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/25/19 00:04	GGL	07241915MB	-
Xylenes- Total (1330-20-7)	1.5 U	ug/L	1	1.5	3	EPA 8260	07/25/19 00:04	GGL	07241915MB	-

Surrogates	Result	SPK	Units	DF	%Rec	Analyzed Date	By	Batch	%Limits	Notes
Dibromofluoromethane (DEP-SURR-047)	9.8	10	ug/L	1	98	07/25/19 00:04	GGL	07241915MB	30-170	
1,2-Dichloroethane-d4 (DEP-SURR-002)	10.2	10	ug/L	1	102	07/25/19 00:04	GGL	07241915MB	30-170	
Toluene-d8 (DEP-SURR-038)	9.6	10	ug/L	1	96	07/25/19 00:04	GGL	07241915MB	70-130	
4-Bromofluorobenzene (DEP-SURR-019)	9.6	10	ug/L	1	96	07/25/19 00:04	GGL	07241915MB	30-170	

This report, which includes the attached Chain-Of-Custody, shall not be reported except in full, without written approval of the laboratory.

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ANALYTICAL REPORT

For Project:
Granville

NELAP Certified
FDOH # : **E83484**
Lab Received Date : **07/19/19 10:10**

Company Name: **Progressive Engineering and Construction**
Client's Name: **Brad Sperry**
Client's Address: **12402 N. 56th Street**
City: **Tampa**
State: **FL** Zip:**33617**

Facility ID: **NA**
Project Location: **Ohio**
Client's Phone: **813- 930-0669**
Client's Project Number: **P2347**
Lab Reporting Batch ID: **1907026**

********** Analytical Results **********

Client Sample ID: **GSSMW-08(I)** Date Collected: **07/17/19 14:05** Matrix ID : **AQUEOUS-Groundwater**
Lab Sample ID: **1907026-013** Collected By: **Brad Sperry**

EPA Method 5030/8260B Volatile Organics in Water by GC-MS

Analyte Name (Analyte ID)	Results/Qual	Units	DF	MDL	PQL	Method	Analyzed Date	By	Batch	Notes
Benzene (71-43-2)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/25/19 00:29	GGL	07241915MB	-
Bromobenzene (108-86-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/25/19 00:29	GGL	07241915MB	-
Bromoform (75-25-2)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/25/19 00:29	GGL	07241915MB	-
Bromomethane (74-83-9)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/25/19 00:29	GGL	07241915MB	-
Carbon tetrachloride (56-23-5)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/25/19 00:29	GGL	07241915MB	-
Chlorobenzene (108-90-7)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/25/19 00:29	GGL	07241915MB	-
Dibromochloromethane (124-48-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/25/19 00:29	GGL	07241915MB	-
Chloroethane (75-00-3)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/25/19 00:29	GGL	07241915MB	-
Chloroform (67-66-3)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/25/19 00:29	GGL	07241915MB	-
Chloromethane (74-87-3)	0.5 U	ug/L	1	0.5	2	EPA 8260	07/25/19 00:29	GGL	07241915MB	-
2-Chlorotoluene (95-49-8)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/25/19 00:29	GGL	07241915MB	-
4-Chlorotoluene (106-43-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/25/19 00:29	GGL	07241915MB	-
cis-1,2-Dichloroethene (156-59-2)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/25/19 00:29	GGL	07241915MB	-
cis-1,3-Dichloropropene (10061-01-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/25/19 00:29	GGL	07241915MB	-
Dibromomethane (74-95-3)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/25/19 00:29	GGL	07241915MB	-
1,2-Dichlorobenzene (95-50-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/25/19 00:29	GGL	07241915MB	-
1,3-Dichlorobenzene (541-73-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/25/19 00:29	GGL	07241915MB	-
1,4-Dichlorobenzene (106-46-7)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/25/19 00:29	GGL	07241915MB	-
Bromodichloromethane (75-27-4)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/25/19 00:29	GGL	07241915MB	-
1,1-Dichloroethane (75-34-3)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/25/19 00:29	GGL	07241915MB	-
1,2-Dichloroethane (107-06-2)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/25/19 00:29	GGL	07241915MB	-
1,1-Dichloroethene (75-35-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/25/19 00:29	GGL	07241915MB	-
1,2-Dichloropropane (78-87-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/25/19 00:29	GGL	07241915MB	-
1,3-Dichloropropane (142-28-9)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/25/19 00:29	GGL	07241915MB	-
2,2-Dichloropropane (590-20-7)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/25/19 00:29	GGL	07241915MB	-
1,1-Dichloropropene (563-58-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/25/19 00:29	GGL	07241915MB	-
Ethylbenzene (100-41-4)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/25/19 00:29	GGL	07241915MB	-
Methylene chloride (75-09-2)	2 U	ug/L	1	2	5	EPA 8260	07/25/19 00:29	GGL	07241915MB	-
Methyl-t-butyl ether (1634-04-4)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/25/19 00:29	GGL	07241915MB	-
Xylene, m,p- (108-38-3/106-42-3)	1 U	ug/L	1	1	2	EPA 8260	07/25/19 00:29	GGL	07241915MB	-
Xylene, o- (95-47-6)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/25/19 00:29	GGL	07241915MB	-
Styrene (Phenylethylene) (100-42-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/25/19 00:29	GGL	07241915MB	-
1,1,1,2-Tetrachloroethane (630-20-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/25/19 00:29	GGL	07241915MB	-
1,1,2,2-Tetrachloroethane (79-34-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/25/19 00:29	GGL	07241915MB	-
Tetrachloroethene (127-18-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/25/19 00:29	GGL	07241915MB	-
Toluene (108-88-3)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/25/19 00:29	GGL	07241915MB	-
trans-1,2-Dichloroethene (156-60-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/25/19 00:29	GGL	07241915MB	-
trans-1,3-Dichloropropene (10061-02-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/25/19 00:29	GGL	07241915MB	-
1,2,4-Trichlorobenzene (12-082-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/25/19 00:29	GGL	07241915MB	-
1,1,1-Trichloroethane (71-55-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/25/19 00:29	GGL	07241915MB	-
1,1,2-Trichloroethane (79-00-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/25/19 00:29	GGL	07241915MB	-
Trichloroethene (79-01-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/25/19 00:29	GGL	07241915MB	-
1,2,3-Trichloropropane (96-18-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/25/19 00:29	GGL	07241915MB	-
Vinyl chloride (75-01-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/25/19 00:29	GGL	07241915MB	-
Xylenes- Total (1330-20-7)	1.5 U	ug/L	1	1.5	3	EPA 8260	07/25/19 00:29	GGL	07241915MB	-

Surrogates	Result	SPK	Units	DF	%Rec	Analyzed Date	By	Batch	%Limits	Notes
Dibromofluoromethane (DEP-SURR-047)	9.9	10	ug/L	1	99	07/25/19 00:29	GGL	07241915MB	30-170	
1,2-Dichloroethane-d4 (DEP-SURR-002)	10.4	10	ug/L	1	104	07/25/19 00:29	GGL	07241915MB	30-170	
Toluene-d8 (DEP-SURR-038)	9.6	10	ug/L	1	96	07/25/19 00:29	GGL	07241915MB	70-130	
4-Bromofluorobenzene (DEP-SURR-019)	9.6	10	ug/L	1	96	07/25/19 00:29	GGL	07241915MB	30-170	

This report, which includes the attached Chain-Of-Custody, shall not be reported except in full, without written approval of the laboratory.

Southern Research Laboratories, Inc
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Orlando, Florida 32804
(407) 522-7100 / Fax (407) 522-7043

ANALYTICAL REPORT

For Project:
Granville

NELAP Certified
FDOH # : **E83484**
Lab Received Date : **07/19/19 10:10**

Company Name: **Progressive Engineering and Construction**
Client's Name: **Brad Sperry**
Client's Address: **12402 N. 56th Street**
City: **Tampa**
State: **FL** Zip:**33617**

Facility ID: **NA**
Project Location: **Ohio**
Client's Phone: **813- 930-0669**
Client's Project Number: **P2347**
Lab Reporting Batch ID: **1907026**

********** Analytical Results **********

Client Sample ID: **MW-07D(I)** Date Collected: **07/17/19 14:45** Matrix ID : **AQUEOUS-Groundwater**
Lab Sample ID: **1907026-014** Collected By: **Brad Sperry**

EPA Method 5030/8260B Volatile Organics in Water by GC-MS

Analyte Name (Analyte ID)	Results/Qual	Units	DF	MDL	PQL	Method	Analyzed Date	By	Batch	Notes
Benzene (71-43-2)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/25/19 00:54	GGL	07241915MB	-
Bromobenzene (108-86-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/25/19 00:54	GGL	07241915MB	-
Bromoform (75-25-2)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/25/19 00:54	GGL	07241915MB	-
Bromomethane (74-83-9)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/25/19 00:54	GGL	07241915MB	-
Carbon tetrachloride (56-23-5)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/25/19 00:54	GGL	07241915MB	-
Chlorobenzene (108-90-7)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/25/19 00:54	GGL	07241915MB	-
Dibromochloromethane (124-48-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/25/19 00:54	GGL	07241915MB	-
Chloroethane (75-00-3)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/25/19 00:54	GGL	07241915MB	-
Chloroform (67-66-3)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/25/19 00:54	GGL	07241915MB	-
Chloromethane (74-87-3)	0.5 U	ug/L	1	0.5	2	EPA 8260	07/25/19 00:54	GGL	07241915MB	-
2-Chlorotoluene (95-49-8)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/25/19 00:54	GGL	07241915MB	-
4-Chlorotoluene (106-43-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/25/19 00:54	GGL	07241915MB	-
cis-1,2-Dichloroethene (156-59-2)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/25/19 00:54	GGL	07241915MB	-
cis-1,3-Dichloropropene (10061-01-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/25/19 00:54	GGL	07241915MB	-
Dibromomethane (74-95-3)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/25/19 00:54	GGL	07241915MB	-
1,2-Dichlorobenzene (95-50-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/25/19 00:54	GGL	07241915MB	-
1,3-Dichlorobenzene (541-73-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/25/19 00:54	GGL	07241915MB	-
1,4-Dichlorobenzene (106-46-7)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/25/19 00:54	GGL	07241915MB	-
Bromodichloromethane (75-27-4)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/25/19 00:54	GGL	07241915MB	-
1,1-Dichloroethane (75-34-3)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/25/19 00:54	GGL	07241915MB	-
1,2-Dichloroethane (107-06-2)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/25/19 00:54	GGL	07241915MB	-
1,1-Dichloroethene (75-35-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/25/19 00:54	GGL	07241915MB	-
1,2-Dichloropropane (78-87-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/25/19 00:54	GGL	07241915MB	-
1,3-Dichloropropane (142-28-9)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/25/19 00:54	GGL	07241915MB	-
2,2-Dichloropropane (590-20-7)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/25/19 00:54	GGL	07241915MB	-
1,1-Dichloropropene (563-58-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/25/19 00:54	GGL	07241915MB	-
Ethylbenzene (100-41-4)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/25/19 00:54	GGL	07241915MB	-
Methylene chloride (75-09-2)	2 U	ug/L	1	2	5	EPA 8260	07/25/19 00:54	GGL	07241915MB	-
Methyl-t-butyl ether (1634-04-4)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/25/19 00:54	GGL	07241915MB	-
Xylene, m,p- (108-38-3/106-42-3)	1 U	ug/L	1	1	2	EPA 8260	07/25/19 00:54	GGL	07241915MB	-
Xylene, o- (95-47-6)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/25/19 00:54	GGL	07241915MB	-
Styrene (Phenylethylene) (100-42-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/25/19 00:54	GGL	07241915MB	-
1,1,1,2-Tetrachloroethane (630-20-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/25/19 00:54	GGL	07241915MB	-
1,1,2,2-Tetrachloroethane (79-34-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/25/19 00:54	GGL	07241915MB	-
Tetrachloroethene (127-18-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/25/19 00:54	GGL	07241915MB	-
Toluene (108-88-3)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/25/19 00:54	GGL	07241915MB	-
trans-1,2-Dichloroethene (156-60-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/25/19 00:54	GGL	07241915MB	-
trans-1,3-Dichloropropene (10061-02-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/25/19 00:54	GGL	07241915MB	-
1,2,4-Trichlorobenzene (12-082-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/25/19 00:54	GGL	07241915MB	-
1,1,1-Trichloroethane (71-55-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/25/19 00:54	GGL	07241915MB	-
1,1,2-Trichloroethane (79-00-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/25/19 00:54	GGL	07241915MB	-
Trichloroethene (79-01-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/25/19 00:54	GGL	07241915MB	-
1,2,3-Trichloropropane (96-18-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/25/19 00:54	GGL	07241915MB	-
Vinyl chloride (75-01-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/25/19 00:54	GGL	07241915MB	-
Xylenes- Total (1330-20-7)	1.5 U	ug/L	1	1.5	3	EPA 8260	07/25/19 00:54	GGL	07241915MB	-

Surrogates	Result	SPK	Units	DF	%Rec	Analyzed Date	By	Batch	%Limits	Notes
Dibromofluoromethane (DEP-SURR-047)	9.9	10	ug/L	1	99	07/25/19 00:54	GGL	07241915MB	30-170	
1,2-Dichloroethane-d4 (DEP-SURR-002)	10.3	10	ug/L	1	103	07/25/19 00:54	GGL	07241915MB	30-170	
Toluene-d8 (DEP-SURR-038)	9.7	10	ug/L	1	97	07/25/19 00:54	GGL	07241915MB	70-130	
4-Bromofluorobenzene (DEP-SURR-019)	9.6	10	ug/L	1	96	07/25/19 00:54	GGL	07241915MB	30-170	

This report, which includes the attached Chain-Of-Custody, shall not be reported except in full, without written approval of the laboratory.

Southern Research Laboratories, Inc
2251 Lynx Lane, Suite 1
Orlando, Florida 32804
(407) 522-7100 / Fax (407) 522-7043

ANALYTICAL REPORT

For Project:
Granville

NELAP Certified
FDOH # : **E83484**
Lab Received Date : **07/19/19 10:10**

Company Name: **Progressive Engineering and Construction**
Client's Name: **Brad Sperry**
Client's Address: **12402 N. 56th Street**
City: **Tampa**
State: **FL** Zip:**33617**

Facility ID: **NA**
Project Location: **Ohio**
Client's Phone: **813- 930-0669**
Client's Project Number: **P2347**
Lab Reporting Batch ID: **1907026**

********** Analytical Results **********

Client Sample ID: **MW-07(S)** Date Collected: **07/17/19 14:54** Matrix ID : **AQUEOUS-Groundwater**
Lab Sample ID: **1907026-015** Collected By: **Brad Sperry**

EPA Method 5030/8260B Volatile Organics in Water by GC-MS

Analyte Name (Analyte ID)	Results/Qual	Units	DF	MDL	PQL	Method	Analyzed Date	By	Batch	Notes
Benzene (71-43-2)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/25/19 01:19	GGL	07241915MB	-
Bromobenzene (108-86-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/25/19 01:19	GGL	07241915MB	-
Bromoform (75-25-2)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/25/19 01:19	GGL	07241915MB	-
Bromomethane (74-83-9)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/25/19 01:19	GGL	07241915MB	-
Carbon tetrachloride (56-23-5)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/25/19 01:19	GGL	07241915MB	-
Chlorobenzene (108-90-7)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/25/19 01:19	GGL	07241915MB	-
Dibromochloromethane (124-48-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/25/19 01:19	GGL	07241915MB	-
Chloroethane (75-00-3)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/25/19 01:19	GGL	07241915MB	-
Chloroform (67-66-3)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/25/19 01:19	GGL	07241915MB	-
Chloromethane (74-87-3)	0.5 U	ug/L	1	0.5	2	EPA 8260	07/25/19 01:19	GGL	07241915MB	-
2-Chlorotoluene (95-49-8)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/25/19 01:19	GGL	07241915MB	-
4-Chlorotoluene (106-43-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/25/19 01:19	GGL	07241915MB	-
cis-1,2-Dichloroethene (156-59-2)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/25/19 01:19	GGL	07241915MB	-
cis-1,3-Dichloropropene (10061-01-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/25/19 01:19	GGL	07241915MB	-
Dibromomethane (74-95-3)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/25/19 01:19	GGL	07241915MB	-
1,2-Dichlorobenzene (95-50-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/25/19 01:19	GGL	07241915MB	-
1,3-Dichlorobenzene (541-73-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/25/19 01:19	GGL	07241915MB	-
1,4-Dichlorobenzene (106-46-7)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/25/19 01:19	GGL	07241915MB	-
Bromodichloromethane (75-27-4)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/25/19 01:19	GGL	07241915MB	-
1,1-Dichloroethane (75-34-3)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/25/19 01:19	GGL	07241915MB	-
1,2-Dichloroethane (107-06-2)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/25/19 01:19	GGL	07241915MB	-
1,1-Dichloroethene (75-35-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/25/19 01:19	GGL	07241915MB	-
1,2-Dichloropropane (78-87-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/25/19 01:19	GGL	07241915MB	-
1,3-Dichloropropane (142-28-9)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/25/19 01:19	GGL	07241915MB	-
2,2-Dichloropropane (590-20-7)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/25/19 01:19	GGL	07241915MB	-
1,1-Dichloropropene (563-58-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/25/19 01:19	GGL	07241915MB	-
Ethylbenzene (100-41-4)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/25/19 01:19	GGL	07241915MB	-
Methylene chloride (75-09-2)	2 U	ug/L	1	2	5	EPA 8260	07/25/19 01:19	GGL	07241915MB	-
Methyl-t-butyl ether (1634-04-4)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/25/19 01:19	GGL	07241915MB	-
Xylene, m,p- (108-38-3/106-42-3)	1 U	ug/L	1	1	2	EPA 8260	07/25/19 01:19	GGL	07241915MB	-
Xylene, o- (95-47-6)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/25/19 01:19	GGL	07241915MB	-
Styrene (Phenylethylene) (100-42-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/25/19 01:19	GGL	07241915MB	-
1,1,1,2-Tetrachloroethane (630-20-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/25/19 01:19	GGL	07241915MB	-
1,1,2,2-Tetrachloroethane (79-34-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/25/19 01:19	GGL	07241915MB	-
Tetrachloroethene (127-18-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/25/19 01:19	GGL	07241915MB	-
Toluene (108-88-3)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/25/19 01:19	GGL	07241915MB	-
trans-1,2-Dichloroethene (156-60-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/25/19 01:19	GGL	07241915MB	-
trans-1,3-Dichloropropene (10061-02-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/25/19 01:19	GGL	07241915MB	-
1,2,4-Trichlorobenzene (12-082-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/25/19 01:19	GGL	07241915MB	-
1,1,1-Trichloroethane (71-55-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/25/19 01:19	GGL	07241915MB	-
1,1,2-Trichloroethane (79-00-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/25/19 01:19	GGL	07241915MB	-
Trichloroethene (79-01-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/25/19 01:19	GGL	07241915MB	-
1,2,3-Trichloropropane (96-18-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/25/19 01:19	GGL	07241915MB	-
Vinyl chloride (75-01-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/25/19 01:19	GGL	07241915MB	-
Xylenes- Total (1330-20-7)	1.5 U	ug/L	1	1.5	3	EPA 8260	07/25/19 01:19	GGL	07241915MB	-

Surrogates	Result	SPK	Units	DF	%Rec	Analyzed Date	By	Batch	%Limits	Notes
Dibromofluoromethane (DEP-SURR-047)	9.8	10	ug/L	1	98	07/25/19 01:19	GGL	07241915MB	30-170	
1,2-Dichloroethane-d4 (DEP-SURR-002)	10.2	10	ug/L	1	102	07/25/19 01:19	GGL	07241915MB	30-170	
Toluene-d8 (DEP-SURR-038)	9.5	10	ug/L	1	95	07/25/19 01:19	GGL	07241915MB	70-130	
4-Bromofluorobenzene (DEP-SURR-019)	9.7	10	ug/L	1	97	07/25/19 01:19	GGL	07241915MB	30-170	

This report, which includes the attached Chain-Of-Custody, shall not be reported except in full, without written approval of the laboratory.

Southern Research Laboratories, Inc
2251 Lynx Lane, Suite 1
Orlando, Florida 32804
(407) 522-7100 / Fax (407) 522-7043

ANALYTICAL REPORT

For Project:
Granville

NELAP Certified
FDOH # : **E83484**
Lab Received Date : **07/19/19 10:10**

Company Name: **Progressive Engineering and Construction**
Client's Name: **Brad Sperry**
Client's Address: **12402 N. 56th Street**
City: **Tampa**
State: **FL** Zip:**33617**

Facility ID: **NA**
Project Location: **Ohio**
Client's Phone: **813- 930-0669**
Client's Project Number: **P2347**
Lab Reporting Batch ID: **1907026**

********** Analytical Results **********

Client Sample ID: **GSSMW-15(I)** Date Collected: **07/17/19 16:10** Matrix ID : **AQUEOUS-Groundwater**
Lab Sample ID: **1907026-016** Collected By: **Brad Sperry**

EPA Method 5030/8260B Volatile Organics in Water by GC-MS

Analyte Name (Analyte ID)	Results/Qual	Units	DF	MDL	PQL	Method	Analyzed Date	By	Batch	Notes
Benzene (71-43-2)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/26/19 17:49	GGL	07261914MB	-
Bromobenzene (108-86-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 17:49	GGL	07261914MB	-
Bromoform (75-25-2)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 17:49	GGL	07261914MB	-
Bromomethane (74-83-9)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/26/19 17:49	GGL	07261914MB	-
Carbon tetrachloride (56-23-5)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/26/19 17:49	GGL	07261914MB	-
Chlorobenzene (108-90-7)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 17:49	GGL	07261914MB	-
Dibromochloromethane (124-48-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 17:49	GGL	07261914MB	-
Chloroethane (75-00-3)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/26/19 17:49	GGL	07261914MB	-
Chloroform (67-66-3)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 17:49	GGL	07261914MB	-
Chloromethane (74-87-3)	0.5 U	ug/L	1	0.5	2	EPA 8260	07/26/19 17:49	GGL	07261914MB	-
2-Chlorotoluene (95-49-8)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 17:49	GGL	07261914MB	-
4-Chlorotoluene (106-43-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 17:49	GGL	07261914MB	-
cis-1,2-Dichloroethene (156-59-2)	***23***	ug/L	1	0.2	1	EPA 8260	07/26/19 17:49	GGL	07261914MB	-
cis-1,3-Dichloropropene (10061-01-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 17:49	GGL	07261914MB	-
Dibromomethane (74-95-3)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 17:49	GGL	07261914MB	-
1,2-Dichlorobenzene (95-50-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 17:49	GGL	07261914MB	-
1,3-Dichlorobenzene (541-73-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 17:49	GGL	07261914MB	-
1,4-Dichlorobenzene (106-46-7)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 17:49	GGL	07261914MB	-
Bromodichloromethane (75-27-4)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/26/19 17:49	GGL	07261914MB	-
1,1-Dichloroethane (75-34-3)	***5.8***	ug/L	1	0.2	1	EPA 8260	07/26/19 17:49	GGL	07261914MB	-
1,2-Dichloroethane (107-06-2)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 17:49	GGL	07261914MB	-
1,1-Dichloroethene (75-35-4)	***0.39 J***	ug/L	1	0.2	1	EPA 8260	07/26/19 17:49	GGL	07261914MB	-
1,2-Dichloropropane (78-87-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 17:49	GGL	07261914MB	-
1,3-Dichloropropane (142-28-9)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 17:49	GGL	07261914MB	-
2,2-Dichloropropane (590-20-7)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/26/19 17:49	GGL	07261914MB	-
1,1-Dichloropropene (563-58-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 17:49	GGL	07261914MB	-
Ethylbenzene (100-41-4)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/26/19 17:49	GGL	07261914MB	-
Methylene chloride (75-09-2)	2 U	ug/L	1	2	5	EPA 8260	07/26/19 17:49	GGL	07261914MB	-
Methyl-t-butyl ether (1634-04-4)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/26/19 17:49	GGL	07261914MB	-
Xylene, m,p- (108-38-3/106-42-3)	1 U	ug/L	1	1	2	EPA 8260	07/26/19 17:49	GGL	07261914MB	-
Xylene, o- (95-47-6)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/26/19 17:49	GGL	07261914MB	-
Styrene (Phenylethylene) (100-42-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 17:49	GGL	07261914MB	-
1,1,1,2-Tetrachloroethane (630-20-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 17:49	GGL	07261914MB	-
1,1,2,2-Tetrachloroethane (79-34-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 17:49	GGL	07261914MB	-
Tetrachloroethene (127-18-4)	***13***	ug/L	1	0.2	1	EPA 8260	07/26/19 17:49	GGL	07261914MB	-
Toluene (108-88-3)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/26/19 17:49	GGL	07261914MB	-
trans-1,2-Dichloroethene (156-60-5)	***1.6***	ug/L	1	0.2	1	EPA 8260	07/26/19 17:49	GGL	07261914MB	-
trans-1,3-Dichloropropene (10061-02-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 17:49	GGL	07261914MB	-
1,2,4-Trichlorobenzene (12-082-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 17:49	GGL	07261914MB	-
1,1,1-Trichloroethane (71-55-6)	***49***	ug/L	1	0.2	1	EPA 8260	07/26/19 17:49	GGL	07261914MB	-
1,1,2-Trichloroethane (79-00-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 17:49	GGL	07261914MB	-
Trichloroethene (79-01-6)	***62***	ug/L	1	0.2	1	EPA 8260	07/26/19 17:49	GGL	07261914MB	-
1,2,3-Trichloropropane (96-18-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 17:49	GGL	07261914MB	-
Vinyl chloride (75-01-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 17:49	GGL	07261914MB	-
Xylenes- Total (1330-20-7)	1.5 U	ug/L	1	1.5	3	EPA 8260	07/26/19 17:49	GGL	07261914MB	-

Surrogates	Result	SPK	Units	DF	%Rec	Analyzed Date	By	Batch	%Limits	Notes
Dibromofluoromethane (DEP-SURR-047)	10.2	10	ug/L	1	102	07/26/19 17:49	GGL	07261914MB	30-170	
1,2-Dichloroethane-d4 (DEP-SURR-002)	10.1	10	ug/L	1	101	07/26/19 17:49	GGL	07261914MB	30-170	
Toluene-d8 (DEP-SURR-038)	9.4	10	ug/L	1	94	07/26/19 17:49	GGL	07261914MB	70-130	
4-Bromofluorobenzene (DEP-SURR-019)	9.7	10	ug/L	1	97	07/26/19 17:49	GGL	07261914MB	30-170	

This report, which includes the attached Chain-Of-Custody, shall not be reported except in full, without written approval of the laboratory.

Southern Research Laboratories, Inc
2251 Lynx Lane, Suite 1
Orlando, Florida 32804
(407) 522-7100 / Fax (407) 522-7043

ANALYTICAL REPORT

For Project:
Granville

NELAP Certified
FDOH # : **E83484**
Lab Received Date : **07/19/19 10:10**

Company Name: **Progressive Engineering and Construction**
Client's Name: **Brad Sperry**
Client's Address: **12402 N. 56th Street**
City: **Tampa**
State: **FL** Zip:**33617**

Facility ID: **NA**
Project Location: **Ohio**
Client's Phone: **813- 930-0669**
Client's Project Number: **P2347**
Lab Reporting Batch ID: **1907026**

********** Analytical Results **********

Client Sample ID: **MW-16(S)** Date Collected: **07/17/19 16:45** Matrix ID : **AQUEOUS-Groundwater**
Lab Sample ID: **1907026-017** Collected By: **Brad Sperry**

EPA Method 5030/8260B Volatile Organics in Water by GC-MS

Analyte Name (Analyte ID)	Results/Qual	Units	DF	MDL	PQL	Method	Analyzed Date	By	Batch	Notes
Benzene (71-43-2)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/26/19 18:14	GGL	07261914MB	-
Bromobenzene (108-86-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 18:14	GGL	07261914MB	-
Bromoform (75-25-2)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 18:14	GGL	07261914MB	-
Bromomethane (74-83-9)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/26/19 18:14	GGL	07261914MB	-
Carbon tetrachloride (56-23-5)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/26/19 18:14	GGL	07261914MB	-
Chlorobenzene (108-90-7)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 18:14	GGL	07261914MB	-
Dibromochloromethane (124-48-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 18:14	GGL	07261914MB	-
Chloroethane (75-00-3)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/26/19 18:14	GGL	07261914MB	-
Chloroform (67-66-3)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 18:14	GGL	07261914MB	-
Chloromethane (74-87-3)	0.5 U	ug/L	1	0.5	2	EPA 8260	07/26/19 18:14	GGL	07261914MB	-
2-Chlorotoluene (95-49-8)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 18:14	GGL	07261914MB	-
4-Chlorotoluene (106-43-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 18:14	GGL	07261914MB	-
cis-1,2-Dichloroethene (156-59-2)	***4.2***	ug/L	1	0.2	1	EPA 8260	07/26/19 18:14	GGL	07261914MB	-
cis-1,3-Dichloropropene (10061-01-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 18:14	GGL	07261914MB	-
Dibromomethane (74-95-3)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 18:14	GGL	07261914MB	-
1,2-Dichlorobenzene (95-50-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 18:14	GGL	07261914MB	-
1,3-Dichlorobenzene (541-73-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 18:14	GGL	07261914MB	-
1,4-Dichlorobenzene (106-46-7)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 18:14	GGL	07261914MB	-
Bromodichloromethane (75-27-4)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/26/19 18:14	GGL	07261914MB	-
1,1-Dichloroethane (75-34-3)	***1.1***	ug/L	1	0.2	1	EPA 8260	07/26/19 18:14	GGL	07261914MB	-
1,2-Dichloroethane (107-06-2)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 18:14	GGL	07261914MB	-
1,1-Dichloroethene (75-35-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 18:14	GGL	07261914MB	-
1,2-Dichloropropane (78-87-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 18:14	GGL	07261914MB	-
1,3-Dichloropropane (142-28-9)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 18:14	GGL	07261914MB	-
2,2-Dichloropropane (590-20-7)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/26/19 18:14	GGL	07261914MB	-
1,1-Dichloropropene (563-58-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 18:14	GGL	07261914MB	-
Ethylbenzene (100-41-4)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/26/19 18:14	GGL	07261914MB	-
Methylene chloride (75-09-2)	2 U	ug/L	1	2	5	EPA 8260	07/26/19 18:14	GGL	07261914MB	-
Methyl-t-butyl ether (1634-04-4)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/26/19 18:14	GGL	07261914MB	-
Xylene, m,p- (108-38-3/106-42-3)	1 U	ug/L	1	1	2	EPA 8260	07/26/19 18:14	GGL	07261914MB	-
Xylene, o- (95-47-6)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/26/19 18:14	GGL	07261914MB	-
Styrene (Phenylethylene) (100-42-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 18:14	GGL	07261914MB	-
1,1,1,2-Tetrachloroethane (630-20-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 18:14	GGL	07261914MB	-
1,1,2,2-Tetrachloroethane (79-34-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 18:14	GGL	07261914MB	-
Tetrachloroethene (127-18-4)	***1.2***	ug/L	1	0.2	1	EPA 8260	07/26/19 18:14	GGL	07261914MB	-
Toluene (108-88-3)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/26/19 18:14	GGL	07261914MB	-
trans-1,2-Dichloroethene (156-60-5)	***0.38 J***	ug/L	1	0.2	1	EPA 8260	07/26/19 18:14	GGL	07261914MB	-
trans-1,3-Dichloropropene (10061-02-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 18:14	GGL	07261914MB	-
1,2,4-Trichlorobenzene (12-082-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 18:14	GGL	07261914MB	-
1,1,1-Trichloroethane (71-55-6)	***17***	ug/L	1	0.2	1	EPA 8260	07/26/19 18:14	GGL	07261914MB	-
1,1,2-Trichloroethane (79-00-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 18:14	GGL	07261914MB	-
Trichloroethene (79-01-6)	***18***	ug/L	1	0.2	1	EPA 8260	07/26/19 18:14	GGL	07261914MB	-
1,2,3-Trichloropropane (96-18-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 18:14	GGL	07261914MB	-
Vinyl chloride (75-01-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 18:14	GGL	07261914MB	-
Xylenes- Total (1330-20-7)	1.5 U	ug/L	1	1.5	3	EPA 8260	07/26/19 18:14	GGL	07261914MB	-

Surrogates	Result	SPK	Units	DF	%Rec	Analyzed Date	By	Batch	%Limits	Notes
Dibromofluoromethane (DEP-SURR-047)	10.5	10	ug/L	1	105	07/26/19 18:14	GGL	07261914MB	30-170	
1,2-Dichloroethane-d4 (DEP-SURR-002)	10.2	10	ug/L	1	102	07/26/19 18:14	GGL	07261914MB	30-170	
Toluene-d8 (DEP-SURR-038)	9.4	10	ug/L	1	94	07/26/19 18:14	GGL	07261914MB	70-130	
4-Bromofluorobenzene (DEP-SURR-019)	9.6	10	ug/L	1	96	07/26/19 18:14	GGL	07261914MB	30-170	

This report, which includes the attached Chain-Of-Custody, shall not be reported except in full, without written approval of the laboratory.

Southern Research Laboratories, Inc
2251 Lynx Lane, Suite 1
Orlando, Florida 32804
(407) 522-7100 / Fax (407) 522-7043

ANALYTICAL REPORT

For Project:
Granville

NELAP Certified
FDOH # : **E83484**
Lab Received Date : **07/19/19 10:10**

Company Name: **Progressive Engineering and Construction**
Client's Name: **Brad Sperry**
Client's Address: **12402 N. 56th Street**
City: **Tampa**
State: **FL** Zip:**33617**

Facility ID: **NA**
Project Location: **Ohio**
Client's Phone: **813- 930-0669**
Client's Project Number: **P2347**
Lab Reporting Batch ID: **1907026**

********** Analytical Results **********

Client Sample ID: **MW-17(I)** Date Collected: **07/17/19 16:48** Matrix ID : **AQUEOUS-Groundwater**
Lab Sample ID: **1907026-018** Collected By: **Brad Sperry**

EPA Method 5030/8260B Volatile Organics in Water by GC-MS

Analyte Name (Analyte ID)	Results/Qual	Units	DF	MDL	PQL	Method	Analyzed Date	By	Batch	Notes
Benzene (71-43-2)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/26/19 18:39	GGL	07261914MB	-
Bromobenzene (108-86-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 18:39	GGL	07261914MB	-
Bromoform (75-25-2)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 18:39	GGL	07261914MB	-
Bromomethane (74-83-9)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/26/19 18:39	GGL	07261914MB	-
Carbon tetrachloride (56-23-5)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/26/19 18:39	GGL	07261914MB	-
Chlorobenzene (108-90-7)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 18:39	GGL	07261914MB	-
Dibromochloromethane (124-48-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 18:39	GGL	07261914MB	-
Chloroethane (75-00-3)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/26/19 18:39	GGL	07261914MB	-
Chloroform (67-66-3)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 18:39	GGL	07261914MB	-
Chloromethane (74-87-3)	0.5 U	ug/L	1	0.5	2	EPA 8260	07/26/19 18:39	GGL	07261914MB	-
2-Chlorotoluene (95-49-8)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 18:39	GGL	07261914MB	-
4-Chlorotoluene (106-43-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 18:39	GGL	07261914MB	-
cis-1,2-Dichloroethene (156-59-2)	***0.81 J***	ug/L	1	0.2	1	EPA 8260	07/26/19 18:39	GGL	07261914MB	-
cis-1,3-Dichloropropene (10061-01-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 18:39	GGL	07261914MB	-
Dibromomethane (74-95-3)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 18:39	GGL	07261914MB	-
1,2-Dichlorobenzene (95-50-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 18:39	GGL	07261914MB	-
1,3-Dichlorobenzene (541-73-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 18:39	GGL	07261914MB	-
1,4-Dichlorobenzene (106-46-7)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 18:39	GGL	07261914MB	-
Bromodichloromethane (75-27-4)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/26/19 18:39	GGL	07261914MB	-
1,1-Dichloroethane (75-34-3)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 18:39	GGL	07261914MB	-
1,2-Dichloroethane (107-06-2)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 18:39	GGL	07261914MB	-
1,1-Dichloroethene (75-35-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 18:39	GGL	07261914MB	-
1,2-Dichloropropane (78-87-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 18:39	GGL	07261914MB	-
1,3-Dichloropropane (142-28-9)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 18:39	GGL	07261914MB	-
2,2-Dichloropropane (590-20-7)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/26/19 18:39	GGL	07261914MB	-
1,1-Dichloropropene (563-58-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 18:39	GGL	07261914MB	-
Ethylbenzene (100-41-4)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/26/19 18:39	GGL	07261914MB	-
Methylene chloride (75-09-2)	2 U	ug/L	1	2	5	EPA 8260	07/26/19 18:39	GGL	07261914MB	-
Methyl-t-butyl ether (1634-04-4)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/26/19 18:39	GGL	07261914MB	-
Xylene, m,p- (108-38-3/106-42-3)	1 U	ug/L	1	1	2	EPA 8260	07/26/19 18:39	GGL	07261914MB	-
Xylene, o- (95-47-6)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/26/19 18:39	GGL	07261914MB	-
Styrene (Phenylethylene) (100-42-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 18:39	GGL	07261914MB	-
1,1,1,2-Tetrachloroethane (630-20-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 18:39	GGL	07261914MB	-
1,1,2,2-Tetrachloroethane (79-34-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 18:39	GGL	07261914MB	-
Tetrachloroethene (127-18-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 18:39	GGL	07261914MB	-
Toluene (108-88-3)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/26/19 18:39	GGL	07261914MB	-
trans-1,2-Dichloroethene (156-60-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 18:39	GGL	07261914MB	-
trans-1,3-Dichloropropene (10061-02-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 18:39	GGL	07261914MB	-
1,2,4-Trichlorobenzene (12-082-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 18:39	GGL	07261914MB	-
1,1,1-Trichloroethane (71-55-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 18:39	GGL	07261914MB	-
1,1,2-Trichloroethane (79-00-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 18:39	GGL	07261914MB	-
Trichloroethene (79-01-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 18:39	GGL	07261914MB	-
1,2,3-Trichloropropane (96-18-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 18:39	GGL	07261914MB	-
Vinyl chloride (75-01-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 18:39	GGL	07261914MB	-
Xylenes- Total (1330-20-7)	1.5 U	ug/L	1	1.5	3	EPA 8260	07/26/19 18:39	GGL	07261914MB	-

Surrogates	Result	SPK	Units	DF	%Rec	Analyzed Date	By	Batch	%Limits	Notes
Dibromofluoromethane (DEP-SURR-047)	10.1	10	ug/L	1	101	07/26/19 18:39	GGL	07261914MB	30-170	
1,2-Dichloroethane-d4 (DEP-SURR-002)	10.2	10	ug/L	1	102	07/26/19 18:39	GGL	07261914MB	30-170	
Toluene-d8 (DEP-SURR-038)	9.4	10	ug/L	1	94	07/26/19 18:39	GGL	07261914MB	70-130	
4-Bromofluorobenzene (DEP-SURR-019)	9.6	10	ug/L	1	96	07/26/19 18:39	GGL	07261914MB	30-170	

This report, which includes the attached Chain-Of-Custody, shall not be reported except in full, without written approval of the laboratory.

Southern Research Laboratories, Inc
2251 Lynx Lane, Suite 1
Orlando, Florida 32804
(407) 522-7100 / Fax (407) 522-7043

ANALYTICAL REPORT

For Project:
Granville

NELAP Certified
FDOH # : **E83484**
Lab Received Date : **07/19/19 10:10**

Company Name: **Progressive Engineering and Construction**
Client's Name: **Brad Sperry**
Client's Address: **12402 N. 56th Street**
City: **Tampa**
State: **FL** Zip:**33617**

Facility ID: **NA**
Project Location: **Ohio**
Client's Phone: **813- 930-0669**
Client's Project Number: **P2347**
Lab Reporting Batch ID: **1907026**

********** Analytical Results **********

Client Sample ID: **MW--06(I)** Date Collected: **07/18/19 07:50** Matrix ID : **AQUEOUS-Groundwater**
Lab Sample ID: **1907026-019** Collected By: **Brad Sperry**

EPA Method 5030/8260B Volatile Organics in Water by GC-MS

Analyte Name (Analyte ID)	Results/Qual	Units	DF	MDL	PQL	Method	Analyzed Date	By	Batch		Notes
Benzene (71-43-2)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/24/19 17:48	GGL	07241915MB	-	
Bromobenzene (108-86-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 17:48	GGL	07241915MB	-	
Bromoform (75-25-2)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 17:48	GGL	07241915MB	-	
Bromomethane (74-83-9)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/24/19 17:48	GGL	07241915MB	-	
Carbon tetrachloride (56-23-5)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/24/19 17:48	GGL	07241915MB	-	
Chlorobenzene (108-90-7)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 17:48	GGL	07241915MB	-	
Dibromochloromethane (124-48-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 17:48	GGL	07241915MB	-	
Chloroethane (75-00-3)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/24/19 17:48	GGL	07241915MB	-	
Chloroform (67-66-3)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 17:48	GGL	07241915MB	-	
Chloromethane (74-87-3)	0.5 U	ug/L	1	0.5	2	EPA 8260	07/24/19 17:48	GGL	07241915MB	-	
2-Chlorotoluene (95-49-8)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 17:48	GGL	07241915MB	-	
4-Chlorotoluene (106-43-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 17:48	GGL	07241915MB	-	
cis-1,2-Dichloroethene (156-59-2)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 17:48	GGL	07241915MB	-	
cis-1,3-Dichloropropene (10061-01-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 17:48	GGL	07241915MB	-	
Dibromomethane (74-95-3)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 17:48	GGL	07241915MB	-	
1,2-Dichlorobenzene (95-50-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 17:48	GGL	07241915MB	-	
1,3-Dichlorobenzene (541-73-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 17:48	GGL	07241915MB	-	
1,4-Dichlorobenzene (106-46-7)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 17:48	GGL	07241915MB	-	
Bromodichloromethane (75-27-4)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/24/19 17:48	GGL	07241915MB	-	
1,1-Dichloroethane (75-34-3)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 17:48	GGL	07241915MB	-	
1,2-Dichloroethane (107-06-2)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 17:48	GGL	07241915MB	-	
1,1-Dichloroethene (75-35-4)	***0.66 J***	ug/L	1	0.2	1	EPA 8260	07/24/19 17:48	GGL	07241915MB	-	
1,2-Dichloropropane (78-87-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 17:48	GGL	07241915MB	-	
1,3-Dichloropropane (142-28-9)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 17:48	GGL	07241915MB	-	
2,2-Dichloropropane (590-20-7)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/24/19 17:48	GGL	07241915MB	-	
1,1-Dichloropropene (563-58-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 17:48	GGL	07241915MB	-	
Ethylbenzene (100-41-4)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/24/19 17:48	GGL	07241915MB	-	
Methylene chloride (75-09-2)	2 U	ug/L	1	2	5	EPA 8260	07/24/19 17:48	GGL	07241915MB	-	
Methyl-t-butyl ether (1634-04-4)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/24/19 17:48	GGL	07241915MB	-	
Xylene, m,p- (108-38-3/106-42-3)	1 U	ug/L	1	1	2	EPA 8260	07/24/19 17:48	GGL	07241915MB	-	
Xylene, o- (95-47-6)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/24/19 17:48	GGL	07241915MB	-	
Styrene (Phenylethylene) (100-42-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 17:48	GGL	07241915MB	-	
1,1,1,2-Tetrachloroethane (630-20-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 17:48	GGL	07241915MB	-	
1,1,2,2-Tetrachloroethane (79-34-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 17:48	GGL	07241915MB	-	
Tetrachloroethene (127-18-4)	***0.32 J***	ug/L	1	0.2	1	EPA 8260	07/24/19 17:48	GGL	07241915MB	-	
Toluene (108-88-3)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/24/19 17:48	GGL	07241915MB	-	
trans-1,2-Dichloroethene (156-60-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 17:48	GGL	07241915MB	-	
trans-1,3-Dichloropropene (10061-02-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 17:48	GGL	07241915MB	-	
1,2,4-Trichlorobenzene (12-082-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 17:48	GGL	07241915MB	-	
1,1,1-Trichloroethane (71-55-6)	***190***	ug/L	10	2	10	EPA 8260	07/24/19 17:48	GGL	07241915MB	-	D10
1,1,2-Trichloroethane (79-00-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 17:48	GGL	07241915MB	-	
Trichloroethene (79-01-6)	***22***	ug/L	1	0.2	1	EPA 8260	07/24/19 17:48	GGL	07241915MB	-	
1,2,3-Trichloropropane (96-18-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 17:48	GGL	07241915MB	-	
Vinyl chloride (75-01-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 17:48	GGL	07241915MB	-	
Xylenes- Total (1330-20-7)	1.5 U	ug/L	1	1.5	3	EPA 8260	07/24/19 17:48	GGL	07241915MB	-	

Surrogates	Result	SPK	Units	DF	%Rec	Analyzed Date	By	Batch	%Limits	Notes
Dibromofluoromethane (DEP-SURR-047)	9.8	10	ug/L	1	98	07/24/19 17:48	GGL	07241915MB	30-170	
1,2-Dichloroethane-d4 (DEP-SURR-002)	10	10	ug/L	1	100	07/24/19 17:48	GGL	07241915MB	30-170	
Toluene-d8 (DEP-SURR-038)	9.7	10	ug/L	1	97	07/24/19 17:48	GGL	07241915MB	70-130	
4-Bromofluorobenzene (DEP-SURR-019)	9.9	10	ug/L	1	99	07/24/19 17:48	GGL	07241915MB	30-170	

This report, which includes the attached Chain-Of-Custody, shall not be reported except in full, without written approval of the laboratory.

Southern Research Laboratories, Inc
2251 Lynx Lane, Suite 1
Orlando, Florida 32804
(407) 522-7100 / Fax (407) 522-7043

ANALYTICAL REPORT

For Project:
Granville

NELAP Certified
FDOH # : **E83484**
Lab Received Date : **07/19/19 10:10**

Company Name: **Progressive Engineering and Construction**
Client's Name: **Brad Sperry**
Client's Address: **12402 N. 56th Street**
City: **Tampa**
State: **FL** Zip:**33617**

Facility ID: **NA**
Project Location: **Ohio**
Client's Phone: **813- 930-0669**
Client's Project Number: **P2347**
Lab Reporting Batch ID: **1907026**

********** Analytical Results **********

Client Sample ID: **MW-04D2(I)** Date Collected: **07/18/19 08:25** Matrix ID : **AQUEOUS-Groundwater**
Lab Sample ID: **1907026-020** Collected By: **Brad Sperry**

EPA Method 5030/8260B Volatile Organics in Water by GC-MS

Analyte Name (Analyte ID)	Results/Qual	Units	DF	MDL	PQL	Method	Analyzed Date	By	Batch	Notes
Benzene (71-43-2)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/26/19 15:44	GGL	07261914MB	-
Bromobenzene (108-86-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 15:44	GGL	07261914MB	-
Bromoform (75-25-2)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 15:44	GGL	07261914MB	-
Bromomethane (74-83-9)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/26/19 15:44	GGL	07261914MB	-
Carbon tetrachloride (56-23-5)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/26/19 15:44	GGL	07261914MB	-
Chlorobenzene (108-90-7)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 15:44	GGL	07261914MB	-
Dibromochloromethane (124-48-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 15:44	GGL	07261914MB	-
Chloroethane (75-00-3)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/26/19 15:44	GGL	07261914MB	-
Chloroform (67-66-3)	***0.32 J***	ug/L	1	0.2	1	EPA 8260	07/26/19 15:44	GGL	07261914MB	-
Chloromethane (74-87-3)	0.5 U	ug/L	1	0.5	2	EPA 8260	07/26/19 15:44	GGL	07261914MB	-
2-Chlorotoluene (95-49-8)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 15:44	GGL	07261914MB	-
4-Chlorotoluene (106-43-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 15:44	GGL	07261914MB	-
cis-1,2-Dichloroethene (156-59-2)	***50***	ug/L	1	0.2	1	EPA 8260	07/26/19 15:44	GGL	07261914MB	-
cis-1,3-Dichloropropene (10061-01-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 15:44	GGL	07261914MB	-
Dibromomethane (74-95-3)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 15:44	GGL	07261914MB	-
1,2-Dichlorobenzene (95-50-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 15:44	GGL	07261914MB	-
1,3-Dichlorobenzene (541-73-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 15:44	GGL	07261914MB	-
1,4-Dichlorobenzene (106-46-7)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 15:44	GGL	07261914MB	-
Bromodichloromethane (75-27-4)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/26/19 15:44	GGL	07261914MB	-
1,1-Dichloroethane (75-34-3)	***0.91 J***	ug/L	1	0.2	1	EPA 8260	07/26/19 15:44	GGL	07261914MB	-
1,2-Dichloroethane (107-06-2)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 15:44	GGL	07261914MB	-
1,1-Dichloroethene (75-35-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 15:44	GGL	07261914MB	-
1,2-Dichloropropane (78-87-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 15:44	GGL	07261914MB	-
1,3-Dichloropropane (142-28-9)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 15:44	GGL	07261914MB	-
2,2-Dichloropropane (590-20-7)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/26/19 15:44	GGL	07261914MB	-
1,1-Dichloropropene (563-58-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 15:44	GGL	07261914MB	-
Ethylbenzene (100-41-4)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/26/19 15:44	GGL	07261914MB	-
Methylene chloride (75-09-2)	2 U	ug/L	1	2	5	EPA 8260	07/26/19 15:44	GGL	07261914MB	-
Methyl-t-butyl ether (1634-04-4)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/26/19 15:44	GGL	07261914MB	-
Xylene, m,p- (108-38-3/106-42-3)	1 U	ug/L	1	1	2	EPA 8260	07/26/19 15:44	GGL	07261914MB	-
Xylene, o- (95-47-6)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/26/19 15:44	GGL	07261914MB	-
Styrene (Phenylethylene) (100-42-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 15:44	GGL	07261914MB	-
1,1,1,2-Tetrachloroethane (630-20-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 15:44	GGL	07261914MB	-
1,1,2,2-Tetrachloroethane (79-34-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 15:44	GGL	07261914MB	-
Tetrachloroethene (127-18-4)	***26***	ug/L	1	0.2	1	EPA 8260	07/26/19 15:44	GGL	07261914MB	-
Toluene (108-88-3)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/26/19 15:44	GGL	07261914MB	-
trans-1,2-Dichloroethene (156-60-5)	***1.9***	ug/L	1	0.2	1	EPA 8260	07/26/19 15:44	GGL	07261914MB	-
trans-1,3-Dichloropropene (10061-02-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 15:44	GGL	07261914MB	-
1,2,4-Trichlorobenzene (12-082-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 15:44	GGL	07261914MB	-
1,1,1-Trichloroethane (71-55-6)	***11***	ug/L	1	0.2	1	EPA 8260	07/26/19 15:44	GGL	07261914MB	-
1,1,2-Trichloroethane (79-00-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 15:44	GGL	07261914MB	-
Trichloroethene (79-01-6)	***13***	ug/L	1	0.2	1	EPA 8260	07/26/19 15:44	GGL	07261914MB	-
1,2,3-Trichloropropane (96-18-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 15:44	GGL	07261914MB	-
Vinyl chloride (75-01-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 15:44	GGL	07261914MB	-
Xylenes- Total (1330-20-7)	1.5 U	ug/L	1	1.5	3	EPA 8260	07/26/19 15:44	GGL	07261914MB	-

Surrogates	Result	SPK	Units	DF	%Rec	Analyzed Date	By	Batch	%Limits	Notes
Dibromofluoromethane (DEP-SURR-047)	10.2	10	ug/L	1	102	07/26/19 15:44	GGL	07261914MB	30-170	
1,2-Dichloroethane-d4 (DEP-SURR-002)	10.1	10	ug/L	1	101	07/26/19 15:44	GGL	07261914MB	30-170	
Toluene-d8 (DEP-SURR-038)	9.5	10	ug/L	1	95	07/26/19 15:44	GGL	07261914MB	70-130	
4-Bromofluorobenzene (DEP-SURR-019)	9.9	10	ug/L	1	99	07/26/19 15:44	GGL	07261914MB	30-170	

This report, which includes the attached Chain-Of-Custody, shall not be reported except in full, without written approval of the laboratory.

Southern Research Laboratories, Inc
2251 Lynx Lane, Suite 1
Orlando, Florida 32804
(407) 522-7100 / Fax (407) 522-7043

ANALYTICAL REPORT

For Project:
Granville

NELAP Certified
FDOH # : **E83484**
Lab Received Date : **07/19/19 10:10**

Company Name: **Progressive Engineering and Construction**
Client's Name: **Brad Sperry**
Client's Address: **12402 N. 56th Street**
City: **Tampa**
State: **FL** Zip:**33617**

Facility ID: **NA**
Project Location: **Ohio**
Client's Phone: **813- 930-0669**
Client's Project Number: **P2347**
Lab Reporting Batch ID: **1907026**

********** Analytical Results **********

Client Sample ID: **MW-04DR(S)** Date Collected: **07/18/19 08:28** Matrix ID : **AQUEOUS-Groundwater**
Lab Sample ID: **1907026-021** Collected By: **Brad Sperry**

EPA Method 5030/8260B Volatile Organics in Water by GC-MS

Analyte Name (Analyte ID)	Results/Qual	Units	DF	MDL	PQL	Method	Analyzed Date	By	Batch	Notes
Benzene (71-43-2)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/26/19 19:04	GGL	07261914MB	-
Bromobenzene (108-86-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 19:04	GGL	07261914MB	-
Bromoform (75-25-2)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 19:04	GGL	07261914MB	-
Bromomethane (74-83-9)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/26/19 19:04	GGL	07261914MB	-
Carbon tetrachloride (56-23-5)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/26/19 19:04	GGL	07261914MB	-
Chlorobenzene (108-90-7)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 19:04	GGL	07261914MB	-
Dibromochloromethane (124-48-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 19:04	GGL	07261914MB	-
Chloroethane (75-00-3)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/26/19 19:04	GGL	07261914MB	-
Chloroform (67-66-3)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 19:04	GGL	07261914MB	-
Chloromethane (74-87-3)	0.5 U	ug/L	1	0.5	2	EPA 8260	07/26/19 19:04	GGL	07261914MB	-
2-Chlorotoluene (95-49-8)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 19:04	GGL	07261914MB	-
4-Chlorotoluene (106-43-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 19:04	GGL	07261914MB	-
cis-1,2-Dichloroethene (156-59-2)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 19:04	GGL	07261914MB	-
cis-1,3-Dichloropropene (10061-01-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 19:04	GGL	07261914MB	-
Dibromomethane (74-95-3)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 19:04	GGL	07261914MB	-
1,2-Dichlorobenzene (95-50-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 19:04	GGL	07261914MB	-
1,3-Dichlorobenzene (541-73-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 19:04	GGL	07261914MB	-
1,4-Dichlorobenzene (106-46-7)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 19:04	GGL	07261914MB	-
Bromodichloromethane (75-27-4)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/26/19 19:04	GGL	07261914MB	-
1,1-Dichloroethane (75-34-3)	***0.81 J***	ug/L	1	0.2	1	EPA 8260	07/26/19 19:04	GGL	07261914MB	-
1,2-Dichloroethane (107-06-2)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 19:04	GGL	07261914MB	-
1,1-Dichloroethene (75-35-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 19:04	GGL	07261914MB	-
1,2-Dichloropropane (78-87-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 19:04	GGL	07261914MB	-
1,3-Dichloropropane (142-28-9)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 19:04	GGL	07261914MB	-
2,2-Dichloropropane (590-20-7)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/26/19 19:04	GGL	07261914MB	-
1,1-Dichloropropene (563-58-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 19:04	GGL	07261914MB	-
Ethylbenzene (100-41-4)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/26/19 19:04	GGL	07261914MB	-
Methylene chloride (75-09-2)	2 U	ug/L	1	2	5	EPA 8260	07/26/19 19:04	GGL	07261914MB	-
Methyl-t-butyl ether (1634-04-4)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/26/19 19:04	GGL	07261914MB	-
Xylene, m,p- (108-38-3/106-42-3)	1 U	ug/L	1	1	2	EPA 8260	07/26/19 19:04	GGL	07261914MB	-
Xylene, o- (95-47-6)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/26/19 19:04	GGL	07261914MB	-
Styrene (Phenylethylene) (100-42-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 19:04	GGL	07261914MB	-
1,1,1,2-Tetrachloroethane (630-20-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 19:04	GGL	07261914MB	-
1,1,2,2-Tetrachloroethane (79-34-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 19:04	GGL	07261914MB	-
Tetrachloroethene (127-18-4)	***16***	ug/L	1	0.2	1	EPA 8260	07/26/19 19:04	GGL	07261914MB	-
Toluene (108-88-3)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/26/19 19:04	GGL	07261914MB	-
trans-1,2-Dichloroethene (156-60-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 19:04	GGL	07261914MB	-
trans-1,3-Dichloropropene (10061-02-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 19:04	GGL	07261914MB	-
1,2,4-Trichlorobenzene (12-082-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 19:04	GGL	07261914MB	-
1,1,1-Trichloroethane (71-55-6)	***11***	ug/L	1	0.2	1	EPA 8260	07/26/19 19:04	GGL	07261914MB	-
1,1,2-Trichloroethane (79-00-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 19:04	GGL	07261914MB	-
Trichloroethene (79-01-6)	***30***	ug/L	1	0.2	1	EPA 8260	07/26/19 19:04	GGL	07261914MB	-
1,2,3-Trichloropropane (96-18-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 19:04	GGL	07261914MB	-
Vinyl chloride (75-01-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 19:04	GGL	07261914MB	-
Xylenes- Total (1330-20-7)	1.5 U	ug/L	1	1.5	3	EPA 8260	07/26/19 19:04	GGL	07261914MB	-

Surrogates	Result	SPK	Units	DF	%Rec	Analyzed Date	By	Batch	%Limits	Notes
Dibromofluoromethane (DEP-SURR-047)	10.4	10	ug/L	1	104	07/26/19 19:04	GGL	07261914MB	30-170	
1,2-Dichloroethane-d4 (DEP-SURR-002)	10.6	10	ug/L	1	106	07/26/19 19:04	GGL	07261914MB	30-170	
Toluene-d8 (DEP-SURR-038)	9.4	10	ug/L	1	94	07/26/19 19:04	GGL	07261914MB	70-130	
4-Bromofluorobenzene (DEP-SURR-019)	9.5	10	ug/L	1	95	07/26/19 19:04	GGL	07261914MB	30-170	

This report, which includes the attached Chain-Of-Custody, shall not be reported except in full, without written approval of the laboratory.

Southern Research Laboratories, Inc
2251 Lynx Lane, Suite 1
Orlando, Florida 32804
(407) 522-7100 / Fax (407) 522-7043

ANALYTICAL REPORT

For Project:
Granville

NELAP Certified
FDOH # : **E83484**
Lab Received Date : **07/19/19 10:10**

Company Name: **Progressive Engineering and Construction**
Client's Name: **Brad Sperry**
Client's Address: **12402 N. 56th Street**
City: **Tampa**
State: **FL** Zip:**33617**

Facility ID: **NA**
Project Location: **Ohio**
Client's Phone: **813- 930-0669**
Client's Project Number: **P2347**
Lab Reporting Batch ID: **1907026**

********** Analytical Results **********

Client Sample ID: **MW-P1(S)** Date Collected: **07/18/19 08:55** Matrix ID : **AQUEOUS-Groundwater**
Lab Sample ID: **1907026-022** Collected By: **Brad Sperry**

EPA Method 5030/8260B Volatile Organics in Water by GC-MS

Analyte Name (Analyte ID)	Results/Qual	Units	DF	MDL	PQL	Method	Analyzed Date	By	Batch	Notes
Benzene (71-43-2)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/26/19 19:29	GGL	07261914MB	-
Bromobenzene (108-86-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 19:29	GGL	07261914MB	-
Bromoform (75-25-2)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 19:29	GGL	07261914MB	-
Bromomethane (74-83-9)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/26/19 19:29	GGL	07261914MB	-
Carbon tetrachloride (56-23-5)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/26/19 19:29	GGL	07261914MB	-
Chlorobenzene (108-90-7)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 19:29	GGL	07261914MB	-
Dibromochloromethane (124-48-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 19:29	GGL	07261914MB	-
Chloroethane (75-00-3)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/26/19 19:29	GGL	07261914MB	-
Chloroform (67-66-3)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 19:29	GGL	07261914MB	-
Chloromethane (74-87-3)	0.5 U	ug/L	1	0.5	2	EPA 8260	07/26/19 19:29	GGL	07261914MB	-
2-Chlorotoluene (95-49-8)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 19:29	GGL	07261914MB	-
4-Chlorotoluene (106-43-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 19:29	GGL	07261914MB	-
cis-1,2-Dichloroethene (156-59-2)	***2.1***	ug/L	1	0.2	1	EPA 8260	07/26/19 19:29	GGL	07261914MB	-
cis-1,3-Dichloropropene (10061-01-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 19:29	GGL	07261914MB	-
Dibromomethane (74-95-3)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 19:29	GGL	07261914MB	-
1,2-Dichlorobenzene (95-50-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 19:29	GGL	07261914MB	-
1,3-Dichlorobenzene (541-73-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 19:29	GGL	07261914MB	-
1,4-Dichlorobenzene (106-46-7)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 19:29	GGL	07261914MB	-
Bromodichloromethane (75-27-4)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/26/19 19:29	GGL	07261914MB	-
1,1-Dichloroethane (75-34-3)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 19:29	GGL	07261914MB	-
1,2-Dichloroethane (107-06-2)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 19:29	GGL	07261914MB	-
1,1-Dichloroethene (75-35-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 19:29	GGL	07261914MB	-
1,2-Dichloropropane (78-87-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 19:29	GGL	07261914MB	-
1,3-Dichloropropane (142-28-9)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 19:29	GGL	07261914MB	-
2,2-Dichloropropane (590-20-7)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/26/19 19:29	GGL	07261914MB	-
1,1-Dichloropropene (563-58-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 19:29	GGL	07261914MB	-
Ethylbenzene (100-41-4)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/26/19 19:29	GGL	07261914MB	-
Methylene chloride (75-09-2)	2 U	ug/L	1	2	5	EPA 8260	07/26/19 19:29	GGL	07261914MB	-
Methyl-t-butyl ether (1634-04-4)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/26/19 19:29	GGL	07261914MB	-
Xylene, m,p- (108-38-3/106-42-3)	1 U	ug/L	1	1	2	EPA 8260	07/26/19 19:29	GGL	07261914MB	-
Xylene, o- (95-47-6)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/26/19 19:29	GGL	07261914MB	-
Styrene (Phenylethylene) (100-42-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 19:29	GGL	07261914MB	-
1,1,1,2-Tetrachloroethane (630-20-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 19:29	GGL	07261914MB	-
1,1,2,2-Tetrachloroethane (79-34-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 19:29	GGL	07261914MB	-
Tetrachloroethene (127-18-4)	***38***	ug/L	1	0.2	1	EPA 8260	07/26/19 19:29	GGL	07261914MB	-
Toluene (108-88-3)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/26/19 19:29	GGL	07261914MB	-
trans-1,2-Dichloroethene (156-60-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 19:29	GGL	07261914MB	-
trans-1,3-Dichloropropene (10061-02-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 19:29	GGL	07261914MB	-
1,2,4-Trichlorobenzene (12-082-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 19:29	GGL	07261914MB	-
1,1,1-Trichloroethane (71-55-6)	***26***	ug/L	1	0.2	1	EPA 8260	07/26/19 19:29	GGL	07261914MB	-
1,1,2-Trichloroethane (79-00-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 19:29	GGL	07261914MB	-
Trichloroethene (79-01-6)	***51***	ug/L	1	0.2	1	EPA 8260	07/26/19 19:29	GGL	07261914MB	-
1,2,3-Trichloropropane (96-18-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 19:29	GGL	07261914MB	-
Vinyl chloride (75-01-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 19:29	GGL	07261914MB	-
Xylenes- Total (1330-20-7)	1.5 U	ug/L	1	1.5	3	EPA 8260	07/26/19 19:29	GGL	07261914MB	-

Surrogates	Result	SPK	Units	DF	%Rec	Analyzed Date	By	Batch	%Limits	Notes
Dibromofluoromethane (DEP-SURR-047)	10.4	10	ug/L	1	104	07/26/19 19:29	GGL	07261914MB	30-170	
1,2-Dichloroethane-d4 (DEP-SURR-002)	10.5	10	ug/L	1	105	07/26/19 19:29	GGL	07261914MB	30-170	
Toluene-d8 (DEP-SURR-038)	9.4	10	ug/L	1	94	07/26/19 19:29	GGL	07261914MB	70-130	
4-Bromofluorobenzene (DEP-SURR-019)	9.7	10	ug/L	1	97	07/26/19 19:29	GGL	07261914MB	30-170	

This report, which includes the attached Chain-Of-Custody, shall not be reported except in full, without written approval of the laboratory.

Southern Research Laboratories, Inc
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Orlando, Florida 32804
(407) 522-7100 / Fax (407) 522-7043

ANALYTICAL REPORT

For Project:
Granville

NELAP Certified
FDOH # : **E83484**
Lab Received Date : **07/19/19 10:10**

Company Name: **Progressive Engineering and Construction**
Client's Name: **Brad Sperry**
Client's Address: **12402 N. 56th Street**
City: **Tampa**
State: **FL** Zip:**33617**

Facility ID: **NA**
Project Location: **Ohio**
Client's Phone: **813- 930-0669**
Client's Project Number: **P2347**
Lab Reporting Batch ID: **1907026**

********** Analytical Results **********

Client Sample ID: **GSSMW-13(D)** Date Collected: **07/18/19 09:06** Matrix ID : **AQUEOUS-Groundwater**
Lab Sample ID: **1907026-023** Collected By: **Brad Sperry**

EPA Method 5030/8260B Volatile Organics in Water by GC-MS

Analyte Name (Analyte ID)	Results/Qual	Units	DF	MDL	PQL	Method	Analyzed Date	By	Batch	Notes
Benzene (71-43-2)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/26/19 19:54	GGL	07261914MB	-
Bromobenzene (108-86-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 19:54	GGL	07261914MB	-
Bromoform (75-25-2)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 19:54	GGL	07261914MB	-
Bromomethane (74-83-9)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/26/19 19:54	GGL	07261914MB	-
Carbon tetrachloride (56-23-5)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/26/19 19:54	GGL	07261914MB	-
Chlorobenzene (108-90-7)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 19:54	GGL	07261914MB	-
Dibromochloromethane (124-48-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 19:54	GGL	07261914MB	-
Chloroethane (75-00-3)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/26/19 19:54	GGL	07261914MB	-
Chloroform (67-66-3)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 19:54	GGL	07261914MB	-
Chloromethane (74-87-3)	0.5 U	ug/L	1	0.5	2	EPA 8260	07/26/19 19:54	GGL	07261914MB	-
2-Chlorotoluene (95-49-8)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 19:54	GGL	07261914MB	-
4-Chlorotoluene (106-43-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 19:54	GGL	07261914MB	-
cis-1,2-Dichloroethene (156-59-2)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 19:54	GGL	07261914MB	-
cis-1,3-Dichloropropene (10061-01-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 19:54	GGL	07261914MB	-
Dibromomethane (74-95-3)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 19:54	GGL	07261914MB	-
1,2-Dichlorobenzene (95-50-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 19:54	GGL	07261914MB	-
1,3-Dichlorobenzene (541-73-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 19:54	GGL	07261914MB	-
1,4-Dichlorobenzene (106-46-7)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 19:54	GGL	07261914MB	-
Bromodichloromethane (75-27-4)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/26/19 19:54	GGL	07261914MB	-
1,1-Dichloroethane (75-34-3)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 19:54	GGL	07261914MB	-
1,2-Dichloroethane (107-06-2)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 19:54	GGL	07261914MB	-
1,1-Dichloroethene (75-35-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 19:54	GGL	07261914MB	-
1,2-Dichloropropane (78-87-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 19:54	GGL	07261914MB	-
1,3-Dichloropropane (142-28-9)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 19:54	GGL	07261914MB	-
2,2-Dichloropropane (590-20-7)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/26/19 19:54	GGL	07261914MB	-
1,1-Dichloropropene (563-58-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 19:54	GGL	07261914MB	-
Ethylbenzene (100-41-4)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/26/19 19:54	GGL	07261914MB	-
Methylene chloride (75-09-2)	2 U	ug/L	1	2	5	EPA 8260	07/26/19 19:54	GGL	07261914MB	-
Methyl-t-butyl ether (1634-04-4)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/26/19 19:54	GGL	07261914MB	-
Xylene, m,p- (108-38-3/106-42-3)	1 U	ug/L	1	1	2	EPA 8260	07/26/19 19:54	GGL	07261914MB	-
Xylene, o- (95-47-6)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/26/19 19:54	GGL	07261914MB	-
Styrene (Phenylethylene) (100-42-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 19:54	GGL	07261914MB	-
1,1,1,2-Tetrachloroethane (630-20-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 19:54	GGL	07261914MB	-
1,1,2,2-Tetrachloroethane (79-34-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 19:54	GGL	07261914MB	-
Tetrachloroethene (127-18-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 19:54	GGL	07261914MB	-
Toluene (108-88-3)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/26/19 19:54	GGL	07261914MB	-
trans-1,2-Dichloroethene (156-60-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 19:54	GGL	07261914MB	-
trans-1,3-Dichloropropene (10061-02-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 19:54	GGL	07261914MB	-
1,2,4-Trichlorobenzene (12-082-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 19:54	GGL	07261914MB	-
1,1,1-Trichloroethane (71-55-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 19:54	GGL	07261914MB	-
1,1,2-Trichloroethane (79-00-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 19:54	GGL	07261914MB	-
Trichloroethene (79-01-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 19:54	GGL	07261914MB	-
1,2,3-Trichloropropane (96-18-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 19:54	GGL	07261914MB	-
Vinyl chloride (75-01-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 19:54	GGL	07261914MB	-
Xylenes- Total (1330-20-7)	1.5 U	ug/L	1	1.5	3	EPA 8260	07/26/19 19:54	GGL	07261914MB	-

Surrogates	Result	SPK	Units	DF	%Rec	Analyzed Date	By	Batch	%Limits	Notes
Dibromofluoromethane (DEP-SURR-047)	10	10	ug/L	1	100	07/26/19 19:54	GGL	07261914MB	30-170	
1,2-Dichloroethane-d4 (DEP-SURR-002)	10.4	10	ug/L	1	104	07/26/19 19:54	GGL	07261914MB	30-170	
Toluene-d8 (DEP-SURR-038)	9.5	10	ug/L	1	95	07/26/19 19:54	GGL	07261914MB	70-130	
4-Bromofluorobenzene (DEP-SURR-019)	9.6	10	ug/L	1	96	07/26/19 19:54	GGL	07261914MB	30-170	

This report, which includes the attached Chain-Of-Custody, shall not be reported except in full, without written approval of the laboratory.

Southern Research Laboratories, Inc
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Orlando, Florida 32804
(407) 522-7100 / Fax (407) 522-7043

ANALYTICAL REPORT

For Project:
Granville

NELAP Certified
FDOH # : **E83484**
Lab Received Date : **07/19/19 10:10**

Company Name: **Progressive Engineering and Construction**
Client's Name: **Brad Sperry**
Client's Address: **12402 N. 56th Street**
City: **Tampa**
State: **FL** Zip:**33617**

Facility ID: **NA**
Project Location: **Ohio**
Client's Phone: **813- 930-0669**
Client's Project Number: **P2347**
Lab Reporting Batch ID: **1907026**

********** Analytical Results **********

Client Sample ID: **GSSMW-12(D)** Date Collected: **07/18/19 09:32** Matrix ID : **AQUEOUS-Groundwater**
Lab Sample ID: **1907026-024** Collected By: **Brad Sperry**

EPA Method 5030/8260B Volatile Organics in Water by GC-MS

Analyte Name (Analyte ID)	Results/Qual	Units	DF	MDL	PQL	Method	Analyzed Date	By	Batch	Notes
Benzene (71-43-2)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/26/19 20:20	GGL	07261914MB	-
Bromobenzene (108-86-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 20:20	GGL	07261914MB	-
Bromoform (75-25-2)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 20:20	GGL	07261914MB	-
Bromomethane (74-83-9)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/26/19 20:20	GGL	07261914MB	-
Carbon tetrachloride (56-23-5)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/26/19 20:20	GGL	07261914MB	-
Chlorobenzene (108-90-7)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 20:20	GGL	07261914MB	-
Dibromochloromethane (124-48-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 20:20	GGL	07261914MB	-
Chloroethane (75-00-3)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/26/19 20:20	GGL	07261914MB	-
Chloroform (67-66-3)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 20:20	GGL	07261914MB	-
Chloromethane (74-87-3)	0.5 U	ug/L	1	0.5	2	EPA 8260	07/26/19 20:20	GGL	07261914MB	-
2-Chlorotoluene (95-49-8)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 20:20	GGL	07261914MB	-
4-Chlorotoluene (106-43-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 20:20	GGL	07261914MB	-
cis-1,2-Dichloroethene (156-59-2)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 20:20	GGL	07261914MB	-
cis-1,3-Dichloropropene (10061-01-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 20:20	GGL	07261914MB	-
Dibromomethane (74-95-3)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 20:20	GGL	07261914MB	-
1,2-Dichlorobenzene (95-50-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 20:20	GGL	07261914MB	-
1,3-Dichlorobenzene (541-73-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 20:20	GGL	07261914MB	-
1,4-Dichlorobenzene (106-46-7)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 20:20	GGL	07261914MB	-
Bromodichloromethane (75-27-4)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/26/19 20:20	GGL	07261914MB	-
1,1-Dichloroethane (75-34-3)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 20:20	GGL	07261914MB	-
1,2-Dichloroethane (107-06-2)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 20:20	GGL	07261914MB	-
1,1-Dichloroethene (75-35-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 20:20	GGL	07261914MB	-
1,2-Dichloropropane (78-87-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 20:20	GGL	07261914MB	-
1,3-Dichloropropane (142-28-9)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 20:20	GGL	07261914MB	-
2,2-Dichloropropane (590-20-7)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/26/19 20:20	GGL	07261914MB	-
1,1-Dichloropropene (563-58-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 20:20	GGL	07261914MB	-
Ethylbenzene (100-41-4)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/26/19 20:20	GGL	07261914MB	-
Methylene chloride (75-09-2)	2 U	ug/L	1	2	5	EPA 8260	07/26/19 20:20	GGL	07261914MB	-
Methyl-t-butyl ether (1634-04-4)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/26/19 20:20	GGL	07261914MB	-
Xylene, m,p- (108-38-3/106-42-3)	1 U	ug/L	1	1	2	EPA 8260	07/26/19 20:20	GGL	07261914MB	-
Xylene, o- (95-47-6)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/26/19 20:20	GGL	07261914MB	-
Styrene (Phenylethylene) (100-42-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 20:20	GGL	07261914MB	-
1,1,1,2-Tetrachloroethane (630-20-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 20:20	GGL	07261914MB	-
1,1,2,2-Tetrachloroethane (79-34-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 20:20	GGL	07261914MB	-
Tetrachloroethene (127-18-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 20:20	GGL	07261914MB	-
Toluene (108-88-3)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/26/19 20:20	GGL	07261914MB	-
trans-1,2-Dichloroethene (156-60-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 20:20	GGL	07261914MB	-
trans-1,3-Dichloropropene (10061-02-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 20:20	GGL	07261914MB	-
1,2,4-Trichlorobenzene (12-082-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 20:20	GGL	07261914MB	-
1,1,1-Trichloroethane (71-55-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 20:20	GGL	07261914MB	-
1,1,2-Trichloroethane (79-00-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 20:20	GGL	07261914MB	-
Trichloroethene (79-01-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 20:20	GGL	07261914MB	-
1,2,3-Trichloropropane (96-18-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 20:20	GGL	07261914MB	-
Vinyl chloride (75-01-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 20:20	GGL	07261914MB	-
Xylenes- Total (1330-20-7)	1.5 U	ug/L	1	1.5	3	EPA 8260	07/26/19 20:20	GGL	07261914MB	-

Surrogates	Result	SPK	Units	DF	%Rec	Analyzed Date	By	Batch	%Limits	Notes
Dibromofluoromethane (DEP-SURR-047)	10.1	10	ug/L	1	101	07/26/19 20:20	GGL	07261914MB	30-170	
1,2-Dichloroethane-d4 (DEP-SURR-002)	10.6	10	ug/L	1	106	07/26/19 20:20	GGL	07261914MB	30-170	
Toluene-d8 (DEP-SURR-038)	9.4	10	ug/L	1	94	07/26/19 20:20	GGL	07261914MB	70-130	
4-Bromofluorobenzene (DEP-SURR-019)	9.6	10	ug/L	1	96	07/26/19 20:20	GGL	07261914MB	30-170	

This report, which includes the attached Chain-Of-Custody, shall not be reported except in full, without written approval of the laboratory.

Southern Research Laboratories, Inc
2251 Lynx Lane, Suite 1
Orlando, Florida 32804
(407) 522-7100 / Fax (407) 522-7043

ANALYTICAL REPORT

For Project:
Granville

NELAP Certified
FDOH # : **E83484**
Lab Received Date : **07/19/19 10:10**

Company Name: **Progressive Engineering and Construction**
Client's Name: **Brad Sperry**
Client's Address: **12402 N. 56th Street**
City: **Tampa**
State: **FL** Zip:**33617**

Facility ID: **NA**
Project Location: **Ohio**
Client's Phone: **813- 930-0669**
Client's Project Number: **P2347**
Lab Reporting Batch ID: **1907026**

********** Analytical Results **********

Client Sample ID: **MW-02(S)** Date Collected: **07/18/19 09:35** Matrix ID : **AQUEOUS-Groundwater**
Lab Sample ID: **1907026-025** Collected By: **Brad Sperry**

EPA Method 5030/8260B Volatile Organics in Water by GC-MS

Analyte Name (Analyte ID)	Results/Qual	Units	DF	MDL	PQL	Method	Analyzed Date	By	Batch		Notes
Benzene (71-43-2)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/26/19 20:44	GGL	07261914MB	-	
Bromobenzene (108-86-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 20:44	GGL	07261914MB	-	
Bromoform (75-25-2)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 20:44	GGL	07261914MB	-	
Bromomethane (74-83-9)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/26/19 20:44	GGL	07261914MB	-	
Carbon tetrachloride (56-23-5)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/26/19 20:44	GGL	07261914MB	-	
Chlorobenzene (108-90-7)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 20:44	GGL	07261914MB	-	
Dibromochloromethane (124-48-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 20:44	GGL	07261914MB	-	
Chloroethane (75-00-3)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/26/19 20:44	GGL	07261914MB	-	
Chloroform (67-66-3)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 20:44	GGL	07261914MB	-	
Chloromethane (74-87-3)	0.5 U	ug/L	1	0.5	2	EPA 8260	07/26/19 20:44	GGL	07261914MB	-	
2-Chlorotoluene (95-49-8)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 20:44	GGL	07261914MB	-	
4-Chlorotoluene (106-43-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 20:44	GGL	07261914MB	-	
cis-1,2-Dichloroethene (156-59-2)	***14***	ug/L	1	0.2	1	EPA 8260	07/26/19 20:44	GGL	07261914MB	-	
cis-1,3-Dichloropropene (10061-01-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 20:44	GGL	07261914MB	-	
Dibromomethane (74-95-3)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 20:44	GGL	07261914MB	-	
1,2-Dichlorobenzene (95-50-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 20:44	GGL	07261914MB	-	
1,3-Dichlorobenzene (541-73-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 20:44	GGL	07261914MB	-	
1,4-Dichlorobenzene (106-46-7)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 20:44	GGL	07261914MB	-	
Bromodichloromethane (75-27-4)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/26/19 20:44	GGL	07261914MB	-	
1,1-Dichloroethane (75-34-3)	***4.5***	ug/L	1	0.2	1	EPA 8260	07/26/19 20:44	GGL	07261914MB	-	
1,2-Dichloroethane (107-06-2)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 20:44	GGL	07261914MB	-	
1,1-Dichloroethene (75-35-4)	***0.65 J***	ug/L	1	0.2	1	EPA 8260	07/26/19 20:44	GGL	07261914MB	-	
1,2-Dichloropropane (78-87-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 20:44	GGL	07261914MB	-	
1,3-Dichloropropane (142-28-9)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 20:44	GGL	07261914MB	-	
2,2-Dichloropropane (590-20-7)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/26/19 20:44	GGL	07261914MB	-	
1,1-Dichloropropene (563-58-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 20:44	GGL	07261914MB	-	
Ethylbenzene (100-41-4)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/26/19 20:44	GGL	07261914MB	-	
Methylene chloride (75-09-2)	2 U	ug/L	1	2	5	EPA 8260	07/26/19 20:44	GGL	07261914MB	-	
Methyl-t-butyl ether (1634-04-4)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/26/19 20:44	GGL	07261914MB	-	
Xylene, m,p- (108-38-3/106-42-3)	1 U	ug/L	1	1	2	EPA 8260	07/26/19 20:44	GGL	07261914MB	-	
Xylene, o- (95-47-6)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/26/19 20:44	GGL	07261914MB	-	
Styrene (Phenylethylene) (100-42-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 20:44	GGL	07261914MB	-	
1,1,1,2-Tetrachloroethane (630-20-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 20:44	GGL	07261914MB	-	
1,1,2,2-Tetrachloroethane (79-34-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 20:44	GGL	07261914MB	-	
Tetrachloroethene (127-18-4)	***93***	ug/L	1	0.2	1	EPA 8260	07/26/19 20:44	GGL	07261914MB	-	
Toluene (108-88-3)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/26/19 20:44	GGL	07261914MB	-	
trans-1,2-Dichloroethene (156-60-5)	***0.92 J***	ug/L	1	0.2	1	EPA 8260	07/26/19 20:44	GGL	07261914MB	-	
trans-1,3-Dichloropropene (10061-02-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 20:44	GGL	07261914MB	-	
1,2,4-Trichlorobenzene (12-082-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 20:44	GGL	07261914MB	-	
1,1,1-Trichloroethane (71-55-6)	***120***	ug/L	10	2	10	EPA 8260	07/26/19 20:44	GGL	07261914MB	-	D10
1,1,2-Trichloroethane (79-00-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 20:44	GGL	07261914MB	-	
Trichloroethene (79-01-6)	***270***	ug/L	10	2	10	EPA 8260	07/26/19 20:44	GGL	07261914MB	-	D10
1,2,3-Trichloropropane (96-18-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 20:44	GGL	07261914MB	-	
Vinyl chloride (75-01-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 20:44	GGL	07261914MB	-	
Xylenes- Total (1330-20-7)	1.5 U	ug/L	1	1.5	3	EPA 8260	07/26/19 20:44	GGL	07261914MB	-	

Surrogates	Result	SPK	Units	DF	%Rec	Analyzed Date	By	Batch	%Limits	Notes
Dibromofluoromethane (DEP-SURR-047)	10.3	10	ug/L	1	103	07/26/19 20:44	GGL	07261914MB	30-170	
1,2-Dichloroethane-d4 (DEP-SURR-002)	10.7	10	ug/L	1	107	07/26/19 20:44	GGL	07261914MB	30-170	
Toluene-d8 (DEP-SURR-038)	9.3	10	ug/L	1	93	07/26/19 20:44	GGL	07261914MB	70-130	
4-Bromofluorobenzene (DEP-SURR-019)	9.5	10	ug/L	1	95	07/26/19 20:44	GGL	07261914MB	30-170	

This report, which includes the attached Chain-Of-Custody, shall not be reported except in full, without written approval of the laboratory.

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ANALYTICAL REPORT

For Project:
Granville

NELAP Certified
FDOH # : **E83484**
Lab Received Date : **07/19/19 10:10**

Company Name: **Progressive Engineering and Construction**
Client's Name: **Brad Sperry**
Client's Address: **12402 N. 56th Street**
City: **Tampa**
State: **FL** Zip:**33617**

Facility ID: **NA**
Project Location: **Ohio**
Client's Phone: **813- 930-0669**
Client's Project Number: **P2347**
Lab Reporting Batch ID: **1907026**

********** Analytical Results **********

Client Sample ID: **MW-02D(I)** Date Collected: **07/18/19 09:58** Matrix ID : **AQUEOUS-Groundwater**
Lab Sample ID: **1907026-026** Collected By: **Brad Sperry**

EPA Method 5030/8260B Volatile Organics in Water by GC-MS

Analyte Name (Analyte ID)	Results/Qual	Units	DF	MDL	PQL	Method	Analyzed Date	By	Batch		Notes
Benzene (71-43-2)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/26/19 21:09	GGL	07261914MB	-	
Bromobenzene (108-86-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 21:09	GGL	07261914MB	-	
Bromoform (75-25-2)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 21:09	GGL	07261914MB	-	
Bromomethane (74-83-9)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/26/19 21:09	GGL	07261914MB	-	
Carbon tetrachloride (56-23-5)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/26/19 21:09	GGL	07261914MB	-	
Chlorobenzene (108-90-7)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 21:09	GGL	07261914MB	-	
Dibromochloromethane (124-48-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 21:09	GGL	07261914MB	-	
Chloroethane (75-00-3)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/26/19 21:09	GGL	07261914MB	-	
Chloroform (67-66-3)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 21:09	GGL	07261914MB	-	
Chloromethane (74-87-3)	0.5 U	ug/L	1	0.5	2	EPA 8260	07/26/19 21:09	GGL	07261914MB	-	
2-Chlorotoluene (95-49-8)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 21:09	GGL	07261914MB	-	
4-Chlorotoluene (106-43-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 21:09	GGL	07261914MB	-	
cis-1,2-Dichloroethene (156-59-2)	***17***	ug/L	1	0.2	1	EPA 8260	07/26/19 21:09	GGL	07261914MB	-	
cis-1,3-Dichloropropene (10061-01-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 21:09	GGL	07261914MB	-	
Dibromomethane (74-95-3)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 21:09	GGL	07261914MB	-	
1,2-Dichlorobenzene (95-50-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 21:09	GGL	07261914MB	-	
1,3-Dichlorobenzene (541-73-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 21:09	GGL	07261914MB	-	
1,4-Dichlorobenzene (106-46-7)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 21:09	GGL	07261914MB	-	
Bromodichloromethane (75-27-4)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/26/19 21:09	GGL	07261914MB	-	
1,1-Dichloroethane (75-34-3)	***5.1***	ug/L	1	0.2	1	EPA 8260	07/26/19 21:09	GGL	07261914MB	-	
1,2-Dichloroethane (107-06-2)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 21:09	GGL	07261914MB	-	
1,1-Dichloroethene (75-35-4)	***0.88 J***	ug/L	1	0.2	1	EPA 8260	07/26/19 21:09	GGL	07261914MB	-	
1,2-Dichloropropane (78-87-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 21:09	GGL	07261914MB	-	
1,3-Dichloropropane (142-28-9)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 21:09	GGL	07261914MB	-	
2,2-Dichloropropane (590-20-7)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/26/19 21:09	GGL	07261914MB	-	
1,1-Dichloropropene (563-58-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 21:09	GGL	07261914MB	-	
Ethylbenzene (100-41-4)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/26/19 21:09	GGL	07261914MB	-	
Methylene chloride (75-09-2)	2 U	ug/L	1	2	5	EPA 8260	07/26/19 21:09	GGL	07261914MB	-	
Methyl-t-butyl ether (1634-04-4)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/26/19 21:09	GGL	07261914MB	-	
Xylene, m,p- (108-38-3/106-42-3)	1 U	ug/L	1	1	2	EPA 8260	07/26/19 21:09	GGL	07261914MB	-	
Xylene, o- (95-47-6)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/26/19 21:09	GGL	07261914MB	-	
Styrene (Phenylethylene) (100-42-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 21:09	GGL	07261914MB	-	
1,1,1,2-Tetrachloroethane (630-20-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 21:09	GGL	07261914MB	-	
1,1,2,2-Tetrachloroethane (79-34-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 21:09	GGL	07261914MB	-	
Tetrachloroethene (127-18-4)	***120***	ug/L	10	2	10	EPA 8260	07/26/19 21:09	GGL	07261914MB	-	D10
Toluene (108-88-3)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/26/19 21:09	GGL	07261914MB	-	
trans-1,2-Dichloroethene (156-60-5)	***0.99 J***	ug/L	1	0.2	1	EPA 8260	07/26/19 21:09	GGL	07261914MB	-	
trans-1,3-Dichloropropene (10061-02-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 21:09	GGL	07261914MB	-	
1,2,4-Trichlorobenzene (12-082-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 21:09	GGL	07261914MB	-	
1,1,1-Trichloroethane (71-55-6)	***150***	ug/L	10	2	10	EPA 8260	07/26/19 21:09	GGL	07261914MB	-	D10
1,1,2-Trichloroethane (79-00-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 21:09	GGL	07261914MB	-	
Trichloroethene (79-01-6)	***340***	ug/L	10	2	10	EPA 8260	07/26/19 21:09	GGL	07261914MB	-	D10
1,2,3-Trichloropropane (96-18-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 21:09	GGL	07261914MB	-	
Vinyl chloride (75-01-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 21:09	GGL	07261914MB	-	
Xylenes- Total (1330-20-7)	1.5 U	ug/L	1	1.5	3	EPA 8260	07/26/19 21:09	GGL	07261914MB	-	

Surrogates	Result	SPK	Units	DF	%Rec	Analyzed Date	By	Batch	%Limits	Notes
Dibromofluoromethane (DEP-SURR-047)	10.4	10	ug/L	1	104	07/26/19 21:09	GGL	07261914MB	30-170	
1,2-Dichloroethane-d4 (DEP-SURR-002)	10.4	10	ug/L	1	104	07/26/19 21:09	GGL	07261914MB	30-170	
Toluene-d8 (DEP-SURR-038)	9.3	10	ug/L	1	93	07/26/19 21:09	GGL	07261914MB	70-130	
4-Bromofluorobenzene (DEP-SURR-019)	9.5	10	ug/L	1	95	07/26/19 21:09	GGL	07261914MB	30-170	

This report, which includes the attached Chain-Of-Custody, shall not be reported except in full, without written approval of the laboratory.

Southern Research Laboratories, Inc
2251 Lynx Lane, Suite 1
Orlando, Florida 32804
(407) 522-7100 / Fax (407) 522-7043

ANALYTICAL REPORT

For Project:
Granville

NELAP Certified
FDOH # : **E83484**
Lab Received Date : **07/19/19 10:10**

Company Name: **Progressive Engineering and Construction**
Client's Name: **Brad Sperry**
Client's Address: **12402 N. 56th Street**
City: **Tampa**
State: **FL** Zip:**33617**

Facility ID: **NA**
Project Location: **Ohio**
Client's Phone: **813- 930-0669**
Client's Project Number: **P2347**
Lab Reporting Batch ID: **1907026**

********** Analytical Results **********

Client Sample ID: **DUP-1** Date Collected: **07/17/19 00:00** Matrix ID : **AQUEOUS-Groundwater**
Lab Sample ID: **1907026-027** Collected By: **Brad Sperry**

EPA Method 5030/8260B Volatile Organics in Water by GC-MS

Analyte Name (Analyte ID)	Results/Qual	Units	DF	MDL	PQL	Method	Analyzed Date	By	Batch	Notes
Benzene (71-43-2)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/26/19 21:34	GGL	07261914MB	-
Bromobenzene (108-86-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 21:34	GGL	07261914MB	-
Bromoform (75-25-2)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 21:34	GGL	07261914MB	-
Bromomethane (74-83-9)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/26/19 21:34	GGL	07261914MB	-
Carbon tetrachloride (56-23-5)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/26/19 21:34	GGL	07261914MB	-
Chlorobenzene (108-90-7)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 21:34	GGL	07261914MB	-
Dibromochloromethane (124-48-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 21:34	GGL	07261914MB	-
Chloroethane (75-00-3)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/26/19 21:34	GGL	07261914MB	-
Chloroform (67-66-3)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 21:34	GGL	07261914MB	-
Chloromethane (74-87-3)	0.5 U	ug/L	1	0.5	2	EPA 8260	07/26/19 21:34	GGL	07261914MB	-
2-Chlorotoluene (95-49-8)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 21:34	GGL	07261914MB	-
4-Chlorotoluene (106-43-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 21:34	GGL	07261914MB	-
cis-1,2-Dichloroethene (156-59-2)	***23***	ug/L	1	0.2	1	EPA 8260	07/26/19 21:34	GGL	07261914MB	-
cis-1,3-Dichloropropene (10061-01-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 21:34	GGL	07261914MB	-
Dibromomethane (74-95-3)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 21:34	GGL	07261914MB	-
1,2-Dichlorobenzene (95-50-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 21:34	GGL	07261914MB	-
1,3-Dichlorobenzene (541-73-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 21:34	GGL	07261914MB	-
1,4-Dichlorobenzene (106-46-7)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 21:34	GGL	07261914MB	-
Bromodichloromethane (75-27-4)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/26/19 21:34	GGL	07261914MB	-
1,1-Dichloroethane (75-34-3)	***6.1***	ug/L	1	0.2	1	EPA 8260	07/26/19 21:34	GGL	07261914MB	-
1,2-Dichloroethane (107-06-2)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 21:34	GGL	07261914MB	-
1,1-Dichloroethene (75-35-4)	***0.39 J***	ug/L	1	0.2	1	EPA 8260	07/26/19 21:34	GGL	07261914MB	-
1,2-Dichloropropane (78-87-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 21:34	GGL	07261914MB	-
1,3-Dichloropropane (142-28-9)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 21:34	GGL	07261914MB	-
2,2-Dichloropropane (590-20-7)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/26/19 21:34	GGL	07261914MB	-
1,1-Dichloropropene (563-58-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 21:34	GGL	07261914MB	-
Ethylbenzene (100-41-4)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/26/19 21:34	GGL	07261914MB	-
Methylene chloride (75-09-2)	2 U	ug/L	1	2	5	EPA 8260	07/26/19 21:34	GGL	07261914MB	-
Methyl-t-butyl ether (1634-04-4)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/26/19 21:34	GGL	07261914MB	-
Xylene, m,p- (108-38-3/106-42-3)	1 U	ug/L	1	1	2	EPA 8260	07/26/19 21:34	GGL	07261914MB	-
Xylene, o- (95-47-6)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/26/19 21:34	GGL	07261914MB	-
Styrene (Phenylethylene) (100-42-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 21:34	GGL	07261914MB	-
1,1,1,2-Tetrachloroethane (630-20-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 21:34	GGL	07261914MB	-
1,1,2,2-Tetrachloroethane (79-34-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 21:34	GGL	07261914MB	-
Tetrachloroethene (127-18-4)	***14***	ug/L	1	0.2	1	EPA 8260	07/26/19 21:34	GGL	07261914MB	-
Toluene (108-88-3)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/26/19 21:34	GGL	07261914MB	-
trans-1,2-Dichloroethene (156-60-5)	***1.6***	ug/L	1	0.2	1	EPA 8260	07/26/19 21:34	GGL	07261914MB	-
trans-1,3-Dichloropropene (10061-02-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 21:34	GGL	07261914MB	-
1,2,4-Trichlorobenzene (12-082-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 21:34	GGL	07261914MB	-
1,1,1-Trichloroethane (71-55-6)	***49***	ug/L	1	0.2	1	EPA 8260	07/26/19 21:34	GGL	07261914MB	-
1,1,2-Trichloroethane (79-00-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 21:34	GGL	07261914MB	-
Trichloroethene (79-01-6)	***61***	ug/L	1	0.2	1	EPA 8260	07/26/19 21:34	GGL	07261914MB	-
1,2,3-Trichloropropane (96-18-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 21:34	GGL	07261914MB	-
Vinyl chloride (75-01-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 21:34	GGL	07261914MB	-
Xylenes- Total (1330-20-7)	1.5 U	ug/L	1	1.5	3	EPA 8260	07/26/19 21:34	GGL	07261914MB	-

Surrogates	Result	SPK	Units	DF	%Rec	Analyzed Date	By	Batch	%Limits	Notes
Dibromofluoromethane (DEP-SURR-047)	10.5	10	ug/L	1	105	07/26/19 21:34	GGL	07261914MB	30-170	
1,2-Dichloroethane-d4 (DEP-SURR-002)	10.5	10	ug/L	1	105	07/26/19 21:34	GGL	07261914MB	30-170	
Toluene-d8 (DEP-SURR-038)	9.3	10	ug/L	1	93	07/26/19 21:34	GGL	07261914MB	70-130	
4-Bromofluorobenzene (DEP-SURR-019)	9.6	10	ug/L	1	96	07/26/19 21:34	GGL	07261914MB	30-170	

This report, which includes the attached Chain-Of-Custody, shall not be reported except in full, without written approval of the laboratory.

Southern Research Laboratories, Inc
2251 Lynx Lane, Suite 1
Orlando, Florida 32804
(407) 522-7100 / Fax (407) 522-7043

ANALYTICAL REPORT

For Project:
Granville

NELAP Certified
FDOH # : **E83484**
Lab Received Date : **07/19/19 10:10**

Company Name: **Progressive Engineering and Construction**
Client's Name: **Brad Sperry**
Client's Address: **12402 N. 56th Street**
City: **Tampa**
State: **FL** Zip:**33617**

Facility ID: **NA**
Project Location: **Ohio**
Client's Phone: **813- 930-0669**
Client's Project Number: **P2347**
Lab Reporting Batch ID: **1907026**

********** Analytical Results **********

Client Sample ID: **DUP-2** Date Collected: **07/18/19 00:00** Matrix ID : **AQUEOUS-Groundwater**
Lab Sample ID: **1907026-028** Collected By: **Brad Sperry**

EPA Method 5030/8260B Volatile Organics in Water by GC-MS

Analyte Name (Analyte ID)	Results/Qual	Units	DF	MDL	PQL	Method	Analyzed Date	By	Batch		Notes
Benzene (71-43-2)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/26/19 21:59	GGL	07261914MB	-	
Bromobenzene (108-86-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 21:59	GGL	07261914MB	-	
Bromoform (75-25-2)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 21:59	GGL	07261914MB	-	
Bromomethane (74-83-9)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/26/19 21:59	GGL	07261914MB	-	
Carbon tetrachloride (56-23-5)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/26/19 21:59	GGL	07261914MB	-	
Chlorobenzene (108-90-7)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 21:59	GGL	07261914MB	-	
Dibromochloromethane (124-48-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 21:59	GGL	07261914MB	-	
Chloroethane (75-00-3)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/26/19 21:59	GGL	07261914MB	-	
Chloroform (67-66-3)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 21:59	GGL	07261914MB	-	
Chloromethane (74-87-3)	0.5 U	ug/L	1	0.5	2	EPA 8260	07/26/19 21:59	GGL	07261914MB	-	
2-Chlorotoluene (95-49-8)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 21:59	GGL	07261914MB	-	
4-Chlorotoluene (106-43-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 21:59	GGL	07261914MB	-	
cis-1,2-Dichloroethene (156-59-2)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 21:59	GGL	07261914MB	-	
cis-1,3-Dichloropropene (10061-01-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 21:59	GGL	07261914MB	-	
Dibromomethane (74-95-3)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 21:59	GGL	07261914MB	-	
1,2-Dichlorobenzene (95-50-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 21:59	GGL	07261914MB	-	
1,3-Dichlorobenzene (541-73-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 21:59	GGL	07261914MB	-	
1,4-Dichlorobenzene (106-46-7)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 21:59	GGL	07261914MB	-	
Bromodichloromethane (75-27-4)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/26/19 21:59	GGL	07261914MB	-	
1,1-Dichloroethane (75-34-3)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 21:59	GGL	07261914MB	-	
1,2-Dichloroethane (107-06-2)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 21:59	GGL	07261914MB	-	
1,1-Dichloroethene (75-35-4)	***0.62 J***	ug/L	1	0.2	1	EPA 8260	07/26/19 21:59	GGL	07261914MB	-	
1,2-Dichloropropane (78-87-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 21:59	GGL	07261914MB	-	
1,3-Dichloropropane (142-28-9)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 21:59	GGL	07261914MB	-	
2,2-Dichloropropane (590-20-7)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/26/19 21:59	GGL	07261914MB	-	
1,1-Dichloropropene (563-58-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 21:59	GGL	07261914MB	-	
Ethylbenzene (100-41-4)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/26/19 21:59	GGL	07261914MB	-	
Methylene chloride (75-09-2)	2 U	ug/L	1	2	5	EPA 8260	07/26/19 21:59	GGL	07261914MB	-	
Methyl-t-butyl ether (1634-04-4)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/26/19 21:59	GGL	07261914MB	-	
Xylene, m,p- (108-38-3/106-42-3)	1 U	ug/L	1	1	2	EPA 8260	07/26/19 21:59	GGL	07261914MB	-	
Xylene, o- (95-47-6)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/26/19 21:59	GGL	07261914MB	-	
Styrene (Phenylethylene) (100-42-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 21:59	GGL	07261914MB	-	
1,1,1,2-Tetrachloroethane (630-20-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 21:59	GGL	07261914MB	-	
1,1,2,2-Tetrachloroethane (79-34-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 21:59	GGL	07261914MB	-	
Tetrachloroethene (127-18-4)	***0.37 J***	ug/L	1	0.2	1	EPA 8260	07/26/19 21:59	GGL	07261914MB	-	
Toluene (108-88-3)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/26/19 21:59	GGL	07261914MB	-	
trans-1,2-Dichloroethene (156-60-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 21:59	GGL	07261914MB	-	
trans-1,3-Dichloropropene (10061-02-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 21:59	GGL	07261914MB	-	
1,2,4-Trichlorobenzene (12-082-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 21:59	GGL	07261914MB	-	
1,1,1-Trichloroethane (71-55-6)	***200***	ug/L	10	2	10	EPA 8260	07/26/19 21:59	GGL	07261914MB	-	D10
1,1,2-Trichloroethane (79-00-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 21:59	GGL	07261914MB	-	
Trichloroethene (79-01-6)	***23***	ug/L	1	0.2	1	EPA 8260	07/26/19 21:59	GGL	07261914MB	-	
1,2,3-Trichloropropane (96-18-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 21:59	GGL	07261914MB	-	
Vinyl chloride (75-01-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 21:59	GGL	07261914MB	-	
Xylenes- Total (1330-20-7)	1.5 U	ug/L	1	1.5	3	EPA 8260	07/26/19 21:59	GGL	07261914MB	-	

Surrogates	Result	SPK	Units	DF	%Rec	Analyzed Date	By	Batch	%Limits	Notes
Dibromofluoromethane (DEP-SURR-047)	10.1	10	ug/L	1	101	07/26/19 21:59	GGL	07261914MB	30-170	
1,2-Dichloroethane-d4 (DEP-SURR-002)	10.3	10	ug/L	1	103	07/26/19 21:59	GGL	07261914MB	30-170	
Toluene-d8 (DEP-SURR-038)	9.3	10	ug/L	1	93	07/26/19 21:59	GGL	07261914MB	70-130	
4-Bromofluorobenzene (DEP-SURR-019)	9.4	10	ug/L	1	94	07/26/19 21:59	GGL	07261914MB	30-170	

This report, which includes the attached Chain-Of-Custody, shall not be reported except in full, without written approval of the laboratory.

Southern Research Laboratories, Inc
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Orlando, Florida 32804
(407) 522-7100 / Fax (407) 522-7043

ANALYTICAL REPORT

For Project:
Granville

NELAP Certified
FDOH # : **E83484**
Lab Received Date : **07/19/19 10:10**

Company Name: **Progressive Engineering and Construction**
Client's Name: **Brad Sperry**
Client's Address: **12402 N. 56th Street**
City: **Tampa**
State: **FL** Zip:**33617**

Facility ID: **NA**
Project Location: **Ohio**
Client's Phone: **813- 930-0669**
Client's Project Number: **P2347**
Lab Reporting Batch ID: **1907026**

********** Analytical Results **********

Client Sample ID: **DUP-3** Date Collected: **07/18/19 00:00** Matrix ID : **AQUEOUS-Groundwater**
Lab Sample ID: **1907026-029** Collected By: **Brad Sperry**

EPA Method 5030/8260B Volatile Organics in Water by GC-MS

Analyte Name (Analyte ID)	Results/Qual	Units	DF	MDL	PQL	Method	Analyzed Date	By	Batch	Notes
Benzene (71-43-2)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/26/19 22:24	GGL	07261914MB	-
Bromobenzene (108-86-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 22:24	GGL	07261914MB	-
Bromoform (75-25-2)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 22:24	GGL	07261914MB	-
Bromomethane (74-83-9)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/26/19 22:24	GGL	07261914MB	-
Carbon tetrachloride (56-23-5)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/26/19 22:24	GGL	07261914MB	-
Chlorobenzene (108-90-7)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 22:24	GGL	07261914MB	-
Dibromochloromethane (124-48-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 22:24	GGL	07261914MB	-
Chloroethane (75-00-3)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/26/19 22:24	GGL	07261914MB	-
Chloroform (67-66-3)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 22:24	GGL	07261914MB	-
Chloromethane (74-87-3)	0.5 U	ug/L	1	0.5	2	EPA 8260	07/26/19 22:24	GGL	07261914MB	-
2-Chlorotoluene (95-49-8)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 22:24	GGL	07261914MB	-
4-Chlorotoluene (106-43-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 22:24	GGL	07261914MB	-
cis-1,2-Dichloroethene (156-59-2)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 22:24	GGL	07261914MB	-
cis-1,3-Dichloropropene (10061-01-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 22:24	GGL	07261914MB	-
Dibromomethane (74-95-3)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 22:24	GGL	07261914MB	-
1,2-Dichlorobenzene (95-50-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 22:24	GGL	07261914MB	-
1,3-Dichlorobenzene (541-73-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 22:24	GGL	07261914MB	-
1,4-Dichlorobenzene (106-46-7)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 22:24	GGL	07261914MB	-
Bromodichloromethane (75-27-4)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/26/19 22:24	GGL	07261914MB	-
1,1-Dichloroethane (75-34-3)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 22:24	GGL	07261914MB	-
1,2-Dichloroethane (107-06-2)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 22:24	GGL	07261914MB	-
1,1-Dichloroethene (75-35-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 22:24	GGL	07261914MB	-
1,2-Dichloropropane (78-87-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 22:24	GGL	07261914MB	-
1,3-Dichloropropane (142-28-9)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 22:24	GGL	07261914MB	-
2,2-Dichloropropane (590-20-7)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/26/19 22:24	GGL	07261914MB	-
1,1-Dichloropropene (563-58-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 22:24	GGL	07261914MB	-
Ethylbenzene (100-41-4)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/26/19 22:24	GGL	07261914MB	-
Methylene chloride (75-09-2)	2 U	ug/L	1	2	5	EPA 8260	07/26/19 22:24	GGL	07261914MB	-
Methyl-t-butyl ether (1634-04-4)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/26/19 22:24	GGL	07261914MB	-
Xylene, m,p- (108-38-3/106-42-3)	1 U	ug/L	1	1	2	EPA 8260	07/26/19 22:24	GGL	07261914MB	-
Xylene, o- (95-47-6)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/26/19 22:24	GGL	07261914MB	-
Styrene (Phenylethylene) (100-42-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 22:24	GGL	07261914MB	-
1,1,1,2-Tetrachloroethane (630-20-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 22:24	GGL	07261914MB	-
1,1,2,2-Tetrachloroethane (79-34-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 22:24	GGL	07261914MB	-
Tetrachloroethene (127-18-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 22:24	GGL	07261914MB	-
Toluene (108-88-3)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/26/19 22:24	GGL	07261914MB	-
trans-1,2-Dichloroethene (156-60-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 22:24	GGL	07261914MB	-
trans-1,3-Dichloropropene (10061-02-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 22:24	GGL	07261914MB	-
1,2,4-Trichlorobenzene (12-082-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 22:24	GGL	07261914MB	-
1,1,1-Trichloroethane (71-55-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 22:24	GGL	07261914MB	-
1,1,2-Trichloroethane (79-00-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 22:24	GGL	07261914MB	-
Trichloroethene (79-01-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 22:24	GGL	07261914MB	-
1,2,3-Trichloropropane (96-18-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 22:24	GGL	07261914MB	-
Vinyl chloride (75-01-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 22:24	GGL	07261914MB	-
Xylenes- Total (1330-20-7)	1.5 U	ug/L	1	1.5	3	EPA 8260	07/26/19 22:24	GGL	07261914MB	-

Surrogates	Result	SPK	Units	DF	%Rec	Analyzed Date	By	Batch	%Limits	Notes
Dibromofluoromethane (DEP-SURR-047)	10.1	10	ug/L	1	101	07/26/19 22:24	GGL	07261914MB	30-170	
1,2-Dichloroethane-d4 (DEP-SURR-002)	10.6	10	ug/L	1	106	07/26/19 22:24	GGL	07261914MB	30-170	
Toluene-d8 (DEP-SURR-038)	9.3	10	ug/L	1	93	07/26/19 22:24	GGL	07261914MB	70-130	
4-Bromofluorobenzene (DEP-SURR-019)	9.4	10	ug/L	1	94	07/26/19 22:24	GGL	07261914MB	30-170	

This report, which includes the attached Chain-Of-Custody, shall not be reported except in full, without written approval of the laboratory.

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Orlando, Florida 32804
(407) 522-7100 / Fax (407) 522-7043

ANALYTICAL REPORT

For Project:
Granville

NELAP Certified
FDOH # : **E83484**
Lab Received Date : **07/19/19 10:10**

Company Name: **Progressive Engineering and Construction**
Client's Name: **Brad Sperry**
Client's Address: **12402 N. 56th Street**
City: **Tampa**
State: **FL** Zip:**33617**

Facility ID: **NA**
Project Location: **Ohio**
Client's Phone: **813- 930-0669**
Client's Project Number: **P2347**
Lab Reporting Batch ID: **1907026**

********** Analytical Results **********

Client Sample ID: **EQUIP BLANK-1** Date Collected: **07/18/19 10:20** Matrix ID : **AQUEOUS-Other**
Lab Sample ID: **1907026-034** Collected By: **Brad Sperry**

EPA Method 5030/8260B Volatile Organics in Water by GC-MS

Analyte Name (Analyte ID)	Results/Qual	Units	DF	MDL	PQL	Method	Analyzed Date	By	Batch	Notes
Benzene (71-43-2)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/26/19 16:59	GGL	07261914MB	-
Bromobenzene (108-86-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 16:59	GGL	07261914MB	-
Bromoform (75-25-2)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 16:59	GGL	07261914MB	-
Bromomethane (74-83-9)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/26/19 16:59	GGL	07261914MB	-
Carbon tetrachloride (56-23-5)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/26/19 16:59	GGL	07261914MB	-
Chlorobenzene (108-90-7)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 16:59	GGL	07261914MB	-
Dibromochloromethane (124-48-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 16:59	GGL	07261914MB	-
Chloroethane (75-00-3)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/26/19 16:59	GGL	07261914MB	-
Chloroform (67-66-3)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 16:59	GGL	07261914MB	-
Chloromethane (74-87-3)	0.5 U	ug/L	1	0.5	2	EPA 8260	07/26/19 16:59	GGL	07261914MB	-
2-Chlorotoluene (95-49-8)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 16:59	GGL	07261914MB	-
4-Chlorotoluene (106-43-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 16:59	GGL	07261914MB	-
cis-1,2-Dichloroethene (156-59-2)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 16:59	GGL	07261914MB	-
cis-1,3-Dichloropropene (10061-01-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 16:59	GGL	07261914MB	-
Dibromomethane (74-95-3)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 16:59	GGL	07261914MB	-
1,2-Dichlorobenzene (95-50-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 16:59	GGL	07261914MB	-
1,3-Dichlorobenzene (541-73-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 16:59	GGL	07261914MB	-
1,4-Dichlorobenzene (106-46-7)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 16:59	GGL	07261914MB	-
Bromodichloromethane (75-27-4)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/26/19 16:59	GGL	07261914MB	-
1,1-Dichloroethane (75-34-3)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 16:59	GGL	07261914MB	-
1,2-Dichloroethane (107-06-2)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 16:59	GGL	07261914MB	-
1,1-Dichloroethene (75-35-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 16:59	GGL	07261914MB	-
1,2-Dichloropropane (78-87-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 16:59	GGL	07261914MB	-
1,3-Dichloropropane (142-28-9)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 16:59	GGL	07261914MB	-
2,2-Dichloropropane (590-20-7)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/26/19 16:59	GGL	07261914MB	-
1,1-Dichloropropene (563-58-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 16:59	GGL	07261914MB	-
Ethylbenzene (100-41-4)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/26/19 16:59	GGL	07261914MB	-
Methylene chloride (75-09-2)	2 U	ug/L	1	2	5	EPA 8260	07/26/19 16:59	GGL	07261914MB	-
Methyl-t-butyl ether (1634-04-4)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/26/19 16:59	GGL	07261914MB	-
Xylene, m,p- (108-38-3/106-42-3)	1 U	ug/L	1	1	2	EPA 8260	07/26/19 16:59	GGL	07261914MB	-
Xylene, o- (95-47-6)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/26/19 16:59	GGL	07261914MB	-
Styrene (Phenylethylene) (100-42-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 16:59	GGL	07261914MB	-
1,1,1,2-Tetrachloroethane (630-20-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 16:59	GGL	07261914MB	-
1,1,2,2-Tetrachloroethane (79-34-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 16:59	GGL	07261914MB	-
Tetrachloroethene (127-18-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 16:59	GGL	07261914MB	-
Toluene (108-88-3)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/26/19 16:59	GGL	07261914MB	-
trans-1,2-Dichloroethene (156-60-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 16:59	GGL	07261914MB	-
trans-1,3-Dichloropropene (10061-02-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 16:59	GGL	07261914MB	-
1,2,4-Trichlorobenzene (12-082-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 16:59	GGL	07261914MB	-
1,1,1-Trichloroethane (71-55-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 16:59	GGL	07261914MB	-
1,1,2-Trichloroethane (79-00-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 16:59	GGL	07261914MB	-
Trichloroethene (79-01-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 16:59	GGL	07261914MB	-
1,2,3-Trichloropropane (96-18-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 16:59	GGL	07261914MB	-
Vinyl chloride (75-01-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 16:59	GGL	07261914MB	-
Xylenes- Total (1330-20-7)	1.5 U	ug/L	1	1.5	3	EPA 8260	07/26/19 16:59	GGL	07261914MB	-

Surrogates	Result	SPK	Units	DF	%Rec	Analyzed Date	By	Batch	%Limits	Notes
Dibromofluoromethane (DEP-SURR-047)	10	10	ug/L	1	100	07/26/19 16:59	GGL	07261914MB	30-170	
1,2-Dichloroethane-d4 (DEP-SURR-002)	10	10	ug/L	1	100	07/26/19 16:59	GGL	07261914MB	30-170	
Toluene-d8 (DEP-SURR-038)	9.5	10	ug/L	1	95	07/26/19 16:59	GGL	07261914MB	70-130	
4-Bromofluorobenzene (DEP-SURR-019)	9.6	10	ug/L	1	96	07/26/19 16:59	GGL	07261914MB	30-170	

This report, which includes the attached Chain-Of-Custody, shall not be reported except in full, without written approval of the laboratory.

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ANALYTICAL REPORT

For Project:
Granville

NELAP Certified
FDOH # : **E83484**
Lab Received Date : **07/19/19 10:10**

Company Name: **Progressive Engineering and Construction**
Client's Name: **Brad Sperry**
Client's Address: **12402 N. 56th Street**
City: **Tampa**
State: **FL** Zip:**33617**

Facility ID: **NA**
Project Location: **Ohio**
Client's Phone: **813- 930-0669**
Client's Project Number: **P2347**
Lab Reporting Batch ID: **1907026**

********** Analytical Results **********

Client Sample ID: **EQUIP BLANK-2** Date Collected: **07/18/19 10:25** Matrix ID : **AQUEOUS-Other**
Lab Sample ID: **1907026-035** Collected By: **Brad Sperry**

EPA Method 5030/8260B Volatile Organics in Water by GC-MS

Analyte Name (Analyte ID)	Results/Qual	Units	DF	MDL	PQL	Method	Analyzed Date	By	Batch	Notes
Benzene (71-43-2)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/26/19 17:24	GGL	07261914MB	-
Bromobenzene (108-86-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 17:24	GGL	07261914MB	-
Bromoform (75-25-2)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 17:24	GGL	07261914MB	-
Bromomethane (74-83-9)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/26/19 17:24	GGL	07261914MB	-
Carbon tetrachloride (56-23-5)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/26/19 17:24	GGL	07261914MB	-
Chlorobenzene (108-90-7)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 17:24	GGL	07261914MB	-
Dibromochloromethane (124-48-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 17:24	GGL	07261914MB	-
Chloroethane (75-00-3)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/26/19 17:24	GGL	07261914MB	-
Chloroform (67-66-3)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 17:24	GGL	07261914MB	-
Chloromethane (74-87-3)	0.5 U	ug/L	1	0.5	2	EPA 8260	07/26/19 17:24	GGL	07261914MB	-
2-Chlorotoluene (95-49-8)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 17:24	GGL	07261914MB	-
4-Chlorotoluene (106-43-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 17:24	GGL	07261914MB	-
cis-1,2-Dichloroethene (156-59-2)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 17:24	GGL	07261914MB	-
cis-1,3-Dichloropropene (10061-01-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 17:24	GGL	07261914MB	-
Dibromomethane (74-95-3)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 17:24	GGL	07261914MB	-
1,2-Dichlorobenzene (95-50-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 17:24	GGL	07261914MB	-
1,3-Dichlorobenzene (541-73-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 17:24	GGL	07261914MB	-
1,4-Dichlorobenzene (106-46-7)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 17:24	GGL	07261914MB	-
Bromodichloromethane (75-27-4)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/26/19 17:24	GGL	07261914MB	-
1,1-Dichloroethane (75-34-3)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 17:24	GGL	07261914MB	-
1,2-Dichloroethane (107-06-2)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 17:24	GGL	07261914MB	-
1,1-Dichloroethene (75-35-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 17:24	GGL	07261914MB	-
1,2-Dichloropropane (78-87-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 17:24	GGL	07261914MB	-
1,3-Dichloropropane (142-28-9)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 17:24	GGL	07261914MB	-
2,2-Dichloropropane (590-20-7)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/26/19 17:24	GGL	07261914MB	-
1,1-Dichloropropene (563-58-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 17:24	GGL	07261914MB	-
Ethylbenzene (100-41-4)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/26/19 17:24	GGL	07261914MB	-
Methylene chloride (75-09-2)	2 U	ug/L	1	2	5	EPA 8260	07/26/19 17:24	GGL	07261914MB	-
Methyl-t-butyl ether (1634-04-4)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/26/19 17:24	GGL	07261914MB	-
Xylene, m,p- (108-38-3/106-42-3)	1 U	ug/L	1	1	2	EPA 8260	07/26/19 17:24	GGL	07261914MB	-
Xylene, o- (95-47-6)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/26/19 17:24	GGL	07261914MB	-
Styrene (Phenylethylene) (100-42-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 17:24	GGL	07261914MB	-
1,1,1,2-Tetrachloroethane (630-20-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 17:24	GGL	07261914MB	-
1,1,2,2-Tetrachloroethane (79-34-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 17:24	GGL	07261914MB	-
Tetrachloroethene (127-18-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 17:24	GGL	07261914MB	-
Toluene (108-88-3)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/26/19 17:24	GGL	07261914MB	-
trans-1,2-Dichloroethene (156-60-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 17:24	GGL	07261914MB	-
trans-1,3-Dichloropropene (10061-02-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 17:24	GGL	07261914MB	-
1,2,4-Trichlorobenzene (12-082-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 17:24	GGL	07261914MB	-
1,1,1-Trichloroethane (71-55-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 17:24	GGL	07261914MB	-
1,1,2-Trichloroethane (79-00-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 17:24	GGL	07261914MB	-
Trichloroethene (79-01-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 17:24	GGL	07261914MB	-
1,2,3-Trichloropropane (96-18-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 17:24	GGL	07261914MB	-
Vinyl chloride (75-01-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/26/19 17:24	GGL	07261914MB	-
Xylenes- Total (1330-20-7)	1.5 U	ug/L	1	1.5	3	EPA 8260	07/26/19 17:24	GGL	07261914MB	-

Surrogates	Result	SPK	Units	DF	%Rec	Analyzed Date	By	Batch	%Limits	Notes
Dibromofluoromethane (DEP-SURR-047)	10.1	10	ug/L	1	101	07/26/19 17:24	GGL	07261914MB	30-170	
1,2-Dichloroethane-d4 (DEP-SURR-002)	10.1	10	ug/L	1	101	07/26/19 17:24	GGL	07261914MB	30-170	
Toluene-d8 (DEP-SURR-038)	9.6	10	ug/L	1	96	07/26/19 17:24	GGL	07261914MB	70-130	
4-Bromofluorobenzene (DEP-SURR-019)	9.6	10	ug/L	1	96	07/26/19 17:24	GGL	07261914MB	30-170	

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Southern Research Laboratories, Inc
2251 Lynx Lane, Suite 1
Orlando, Florida 32804
(407) 522-7100 / Fax (407) 522-7043

ANALYTICAL REPORT

For Project:
Granville

NELAP Certified
FDOH # : **E83484**
Lab Received Date : **07/19/19 10:10**

Company Name: **Progressive Engineering and Construction**
Client's Name: **Brad Sperry**
Client's Address: **12402 N. 56th Street**
City: **Tampa**
State: **FL** Zip:**33617**

Facility ID: **NA**
Project Location: **Ohio**
Client's Phone: **813- 930-0669**
Client's Project Number: **P2347**
Lab Reporting Batch ID: **1907026**

********** Analytical Results **********

Client Sample ID: **TRIP BLANK** Date Collected: **07/16/19 08:00** Matrix ID : **AQUEOUS-Other**
Lab Sample ID: **1907026-036** Collected By: **LAB**

EPA Method 5030/8260B Volatile Organics in Water by GC-MS

Analyte Name (Analyte ID)	Results/Qual	Units	DF	MDL	PQL	Method	Analyzed Date	By	Batch	Notes
Benzene (71-43-2)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/24/19 16:33	GGL	07241915MB	-
Bromobenzene (108-86-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 16:33	GGL	07241915MB	-
Bromoform (75-25-2)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 16:33	GGL	07241915MB	-
Bromomethane (74-83-9)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/24/19 16:33	GGL	07241915MB	-
Carbon tetrachloride (56-23-5)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/24/19 16:33	GGL	07241915MB	-
Chlorobenzene (108-90-7)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 16:33	GGL	07241915MB	-
Dibromochloromethane (124-48-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 16:33	GGL	07241915MB	-
Chloroethane (75-00-3)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/24/19 16:33	GGL	07241915MB	-
Chloroform (67-66-3)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 16:33	GGL	07241915MB	-
Chloromethane (74-87-3)	0.5 U	ug/L	1	0.5	2	EPA 8260	07/24/19 16:33	GGL	07241915MB	-
2-Chlorotoluene (95-49-8)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 16:33	GGL	07241915MB	-
4-Chlorotoluene (106-43-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 16:33	GGL	07241915MB	-
cis-1,2-Dichloroethene (156-59-2)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 16:33	GGL	07241915MB	-
cis-1,3-Dichloropropene (10061-01-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 16:33	GGL	07241915MB	-
Dibromomethane (74-95-3)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 16:33	GGL	07241915MB	-
1,2-Dichlorobenzene (95-50-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 16:33	GGL	07241915MB	-
1,3-Dichlorobenzene (541-73-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 16:33	GGL	07241915MB	-
1,4-Dichlorobenzene (106-46-7)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 16:33	GGL	07241915MB	-
Bromodichloromethane (75-27-4)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/24/19 16:33	GGL	07241915MB	-
1,1-Dichloroethane (75-34-3)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 16:33	GGL	07241915MB	-
1,2-Dichloroethane (107-06-2)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 16:33	GGL	07241915MB	-
1,1-Dichloroethene (75-35-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 16:33	GGL	07241915MB	-
1,2-Dichloropropane (78-87-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 16:33	GGL	07241915MB	-
1,3-Dichloropropane (142-28-9)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 16:33	GGL	07241915MB	-
2,2-Dichloropropane (590-20-7)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/24/19 16:33	GGL	07241915MB	-
1,1-Dichloropropene (563-58-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 16:33	GGL	07241915MB	-
Ethylbenzene (100-41-4)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/24/19 16:33	GGL	07241915MB	-
Methylene chloride (75-09-2)	2 U	ug/L	1	2	5	EPA 8260	07/24/19 16:33	GGL	07241915MB	-
Methyl-t-butyl ether (1634-04-4)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/24/19 16:33	GGL	07241915MB	-
Xylene, m,p- (108-38-3/106-42-3)	1 U	ug/L	1	1	2	EPA 8260	07/24/19 16:33	GGL	07241915MB	-
Xylene, o- (95-47-6)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/24/19 16:33	GGL	07241915MB	-
Styrene (Phenylethylene) (100-42-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 16:33	GGL	07241915MB	-
1,1,1,2-Tetrachloroethane (630-20-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 16:33	GGL	07241915MB	-
1,1,2,2-Tetrachloroethane (79-34-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 16:33	GGL	07241915MB	-
Tetrachloroethene (127-18-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 16:33	GGL	07241915MB	-
Toluene (108-88-3)	0.5 U	ug/L	1	0.5	1	EPA 8260	07/24/19 16:33	GGL	07241915MB	-
trans-1,2-Dichloroethene (156-60-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 16:33	GGL	07241915MB	-
trans-1,3-Dichloropropene (10061-02-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 16:33	GGL	07241915MB	-
1,2,4-Trichlorobenzene (12-082-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 16:33	GGL	07241915MB	-
1,1,1-Trichloroethane (71-55-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 16:33	GGL	07241915MB	-
1,1,2-Trichloroethane (79-00-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 16:33	GGL	07241915MB	-
Trichloroethene (79-01-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 16:33	GGL	07241915MB	-
1,2,3-Trichloropropane (96-18-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 16:33	GGL	07241915MB	-
Vinyl chloride (75-01-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	07/24/19 16:33	GGL	07241915MB	-
Xylenes- Total (1330-20-7)	1.5 U	ug/L	1	1.5	3	EPA 8260	07/24/19 16:33	GGL	07241915MB	-

Surrogates	Result	SPK	Units	DF	%Rec	Analyzed Date	By	Batch	%Limits	Notes
Dibromofluoromethane (DEP-SURR-047)	9.7	10	ug/L	1	97	07/24/19 16:33	GGL	07241915MB	30-170	
1,2-Dichloroethane-d4 (DEP-SURR-002)	9.9	10	ug/L	1	99	07/24/19 16:33	GGL	07241915MB	30-170	
Toluene-d8 (DEP-SURR-038)	9.7	10	ug/L	1	97	07/24/19 16:33	GGL	07241915MB	70-130	
4-Bromofluorobenzene (DEP-SURR-019)	9.8	10	ug/L	1	98	07/24/19 16:33	GGL	07241915MB	30-170	

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Southern Research Laboratories, Inc
2251 Lynx Lane, Suite 1
Orlando, Florida 32804
(407) 522-7100 / Fax (407) 522-7043

ANALYTICAL REPORT

For Project:
Granville

NELAP Certified
FDOH # : **E83484**
Lab Received Date : **07/19/19 10:10**

Company Name: **Progressive Engineering and Construction**
Client's Name: **Brad Sperry**
Client's Address: **12402 N. 56th Street**
City: **Tampa**
State: **FL** Zip:**33617**

Facility ID: **NA**
Project Location: **Ohio**
Client's Phone: **813- 930-0669**
Client's Project Number: **P2347**
Lab Reporting Batch ID: **1907026**

********** Detection Summary : **********

Client Sample ID: **MW-08(S)** Date Collected: **07/16/19 16:07** Matrix ID : **AQUEOUS-Groundwater**
Lab Sample ID: **1907026-001** Collected By: **Brad Sperry**

Analyte Name (Analyte ID)	Results/Qualifier	Units	DF	MDL	PQL	Date Analyzed	By	Batch ID	Method
cis-1,2-Dichloroethene (156-59-2)	**4.3**	ug/L	1	0.2	1	07/24/19 19:29	GGL	07241915MB	EPA 8260
1,1-Dichloroethane (75-34-3)	**0.51 J**	ug/L	1	0.2	1	07/24/19 19:29	GGL	07241915MB	EPA 8260
trans-1,2-Dichloroethene (156-60-5)	**0.54 J**	ug/L	1	0.2	1	07/24/19 19:29	GGL	07241915MB	EPA 8260
1,1,1-Trichloroethane (71-55-6)	**0.31 J**	ug/L	1	0.2	1	07/24/19 19:29	GGL	07241915MB	EPA 8260

Client Sample ID: **MW-01(S)** Date Collected: **07/16/19 18:10** Matrix ID : **AQUEOUS-Groundwater**
Lab Sample ID: **1907026-003** Collected By: **Brad Sperry**

Analyte Name (Analyte ID)	Results/Qualifier	Units	DF	MDL	PQL	Date Analyzed	By	Batch ID	Method
Tetrachloroethene (127-18-4)	**13**	ug/L	1	0.2	1	07/24/19 20:18	GGL	07241915MB	EPA 8260
1,1,1-Trichloroethane (71-55-6)	**45**	ug/L	1	0.2	1	07/24/19 20:18	GGL	07241915MB	EPA 8260
Trichloroethene (79-01-6)	**16**	ug/L	1	0.2	1	07/24/19 20:18	GGL	07241915MB	EPA 8260

Client Sample ID: **GSSMW-15(I)** Date Collected: **07/17/19 16:10** Matrix ID : **AQUEOUS-Groundwater**
Lab Sample ID: **1907026-016** Collected By: **Brad Sperry**

Analyte Name (Analyte ID)	Results/Qualifier	Units	DF	MDL	PQL	Date Analyzed	By	Batch ID	Method
cis-1,2-Dichloroethene (156-59-2)	**23**	ug/L	1	0.2	1	07/26/19 17:49	GGL	07261914MB	EPA 8260
1,1-Dichloroethane (75-34-3)	**5.8**	ug/L	1	0.2	1	07/26/19 17:49	GGL	07261914MB	EPA 8260
1,1-Dichloroethene (75-35-4)	**0.39 J**	ug/L	1	0.2	1	07/26/19 17:49	GGL	07261914MB	EPA 8260
Tetrachloroethene (127-18-4)	**13**	ug/L	1	0.2	1	07/26/19 17:49	GGL	07261914MB	EPA 8260
trans-1,2-Dichloroethene (156-60-5)	**1.6**	ug/L	1	0.2	1	07/26/19 17:49	GGL	07261914MB	EPA 8260
1,1,1-Trichloroethane (71-55-6)	**49**	ug/L	1	0.2	1	07/26/19 17:49	GGL	07261914MB	EPA 8260
Trichloroethene (79-01-6)	**62**	ug/L	1	0.2	1	07/26/19 17:49	GGL	07261914MB	EPA 8260

Client Sample ID: **MW-16(S)** Date Collected: **07/17/19 16:45** Matrix ID : **AQUEOUS-Groundwater**
Lab Sample ID: **1907026-017** Collected By: **Brad Sperry**

Analyte Name (Analyte ID)	Results/Qualifier	Units	DF	MDL	PQL	Date Analyzed	By	Batch ID	Method
cis-1,2-Dichloroethene (156-59-2)	**4.2**	ug/L	1	0.2	1	07/26/19 18:14	GGL	07261914MB	EPA 8260
1,1-Dichloroethane (75-34-3)	**1.1**	ug/L	1	0.2	1	07/26/19 18:14	GGL	07261914MB	EPA 8260
Tetrachloroethene (127-18-4)	**1.2**	ug/L	1	0.2	1	07/26/19 18:14	GGL	07261914MB	EPA 8260
trans-1,2-Dichloroethene (156-60-5)	**0.38 J**	ug/L	1	0.2	1	07/26/19 18:14	GGL	07261914MB	EPA 8260
1,1,1-Trichloroethane (71-55-6)	**17**	ug/L	1	0.2	1	07/26/19 18:14	GGL	07261914MB	EPA 8260
Trichloroethene (79-01-6)	**18**	ug/L	1	0.2	1	07/26/19 18:14	GGL	07261914MB	EPA 8260

Client Sample ID: **MW-17(I)** Date Collected: **07/17/19 16:48** Matrix ID : **AQUEOUS-Groundwater**
Lab Sample ID: **1907026-018** Collected By: **Brad Sperry**

Analyte Name (Analyte ID)	Results/Qualifier	Units	DF	MDL	PQL	Date Analyzed	By	Batch ID	Method
cis-1,2-Dichloroethene (156-59-2)	**0.81 J**	ug/L	1	0.2	1	07/26/19 18:39	GGL	07261914MB	EPA 8260

Client Sample ID: **MW--06(I)** Date Collected: **07/18/19 07:50** Matrix ID : **AQUEOUS-Groundwater**
Lab Sample ID: **1907026-019** Collected By: **Brad Sperry**

Analyte Name (Analyte ID)	Results/Qualifier	Units	DF	MDL	PQL	Date Analyzed	By	Batch ID	Method
1,1-Dichloroethene (75-35-4)	**0.66 J**	ug/L	1	0.2	1	07/24/19 17:48	GGL	07241915MB	EPA 8260
Tetrachloroethene (127-18-4)	**0.32 J**	ug/L	1	0.2	1	07/24/19 17:48	GGL	07241915MB	EPA 8260
1,1,1-Trichloroethane (71-55-6)	**190**	ug/L	10	2	10	07/24/19 17:48	GGL	07241915MB	EPA 8260
Trichloroethene (79-01-6)	**22**	ug/L	1	0.2	1	07/24/19 17:48	GGL	07241915MB	EPA 8260

Client Sample ID: **MW-04D2(I)** Date Collected: **07/18/19 08:25** Matrix ID : **AQUEOUS-Groundwater**
Lab Sample ID: **1907026-020** Collected By: **Brad Sperry**

Analyte Name (Analyte ID)	Results/Qualifier	Units	DF	MDL	PQL	Date Analyzed	By	Batch ID	Method
Chloroform (67-66-3)	**0.32 J**	ug/L	1	0.2	1	07/26/19 15:44	GGL	07261914MB	EPA 8260
cis-1,2-Dichloroethene (156-59-2)	**50**	ug/L	1	0.2	1	07/26/19 15:44	GGL	07261914MB	EPA 8260
1,1-Dichloroethane (75-34-3)	**0.91 J**	ug/L	1	0.2	1	07/26/19 15:44	GGL	07261914MB	EPA 8260

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Orlando, Florida 32804
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ANALYTICAL REPORT

For Project:
Granville

NELAP Certified
FDOH # : **E83484**
Lab Received Date : **07/19/19 10:10**

Company Name: **Progressive Engineering and Construction**
Client's Name: **Brad Sperry**
Client's Address: **12402 N. 56th Street**
City: **Tampa**
State: **FL** Zip:**33617**

Facility ID: **NA**
Project Location: **Ohio**
Client's Phone: **813- 930-0669**
Client's Project Number: **P2347**
Lab Reporting Batch ID: **1907026**

Client Sample ID: **MW-04D2(I)** Date Collected: **07/18/19 08:25** Matrix ID : **AQUEOUS-Groundwater**
Lab Sample ID: **1907026-020** Collected By: **Brad Sperry**

Analyte Name (Analyte ID)	Results/Qualifier	Units	DF	MDL	PQL	Date Analyzed	By	Batch ID	Method
Tetrachloroethene (127-18-4)	**26**	ug/L	1	0.2	1	07/26/19 15:44	GGL	07261914MB	EPA 8260
trans-1,2-Dichloroethene (156-60-5)	**1.9**	ug/L	1	0.2	1	07/26/19 15:44	GGL	07261914MB	EPA 8260
1,1,1-Trichloroethane (71-55-6)	**11**	ug/L	1	0.2	1	07/26/19 15:44	GGL	07261914MB	EPA 8260
Trichloroethene (79-01-6)	**13**	ug/L	1	0.2	1	07/26/19 15:44	GGL	07261914MB	EPA 8260

Client Sample ID: **MW-04DR(S)** Date Collected: **07/18/19 08:28** Matrix ID : **AQUEOUS-Groundwater**
Lab Sample ID: **1907026-021** Collected By: **Brad Sperry**

Analyte Name (Analyte ID)	Results/Qualifier	Units	DF	MDL	PQL	Date Analyzed	By	Batch ID	Method
1,1-Dichloroethane (75-34-3)	**0.81 J**	ug/L	1	0.2	1	07/26/19 19:04	GGL	07261914MB	EPA 8260
Tetrachloroethene (127-18-4)	**16**	ug/L	1	0.2	1	07/26/19 19:04	GGL	07261914MB	EPA 8260
1,1,1-Trichloroethane (71-55-6)	**11**	ug/L	1	0.2	1	07/26/19 19:04	GGL	07261914MB	EPA 8260
Trichloroethene (79-01-6)	**30**	ug/L	1	0.2	1	07/26/19 19:04	GGL	07261914MB	EPA 8260

Client Sample ID: **MW-P1(S)** Date Collected: **07/18/19 08:55** Matrix ID : **AQUEOUS-Groundwater**
Lab Sample ID: **1907026-022** Collected By: **Brad Sperry**

Analyte Name (Analyte ID)	Results/Qualifier	Units	DF	MDL	PQL	Date Analyzed	By	Batch ID	Method
cis-1,2-Dichloroethene (156-59-2)	**2.1**	ug/L	1	0.2	1	07/26/19 19:29	GGL	07261914MB	EPA 8260
Tetrachloroethene (127-18-4)	**38**	ug/L	1	0.2	1	07/26/19 19:29	GGL	07261914MB	EPA 8260
1,1,1-Trichloroethane (71-55-6)	**26**	ug/L	1	0.2	1	07/26/19 19:29	GGL	07261914MB	EPA 8260
Trichloroethene (79-01-6)	**51**	ug/L	1	0.2	1	07/26/19 19:29	GGL	07261914MB	EPA 8260

Client Sample ID: **MW-02(S)** Date Collected: **07/18/19 09:35** Matrix ID : **AQUEOUS-Groundwater**
Lab Sample ID: **1907026-025** Collected By: **Brad Sperry**

Analyte Name (Analyte ID)	Results/Qualifier	Units	DF	MDL	PQL	Date Analyzed	By	Batch ID	Method
cis-1,2-Dichloroethene (156-59-2)	**14**	ug/L	1	0.2	1	07/26/19 20:44	GGL	07261914MB	EPA 8260
1,1-Dichloroethane (75-34-3)	**4.5**	ug/L	1	0.2	1	07/26/19 20:44	GGL	07261914MB	EPA 8260
1,1-Dichloroethene (75-35-4)	**0.65 J**	ug/L	1	0.2	1	07/26/19 20:44	GGL	07261914MB	EPA 8260
Tetrachloroethene (127-18-4)	**93**	ug/L	1	0.2	1	07/26/19 20:44	GGL	07261914MB	EPA 8260
trans-1,2-Dichloroethene (156-60-5)	**0.92 J**	ug/L	1	0.2	1	07/26/19 20:44	GGL	07261914MB	EPA 8260
1,1,1-Trichloroethane (71-55-6)	**120**	ug/L	10	2	10	07/26/19 20:44	GGL	07261914MB	EPA 8260
Trichloroethene (79-01-6)	**270**	ug/L	10	2	10	07/26/19 20:44	GGL	07261914MB	EPA 8260

Client Sample ID: **MW-02D(I)** Date Collected: **07/18/19 09:58** Matrix ID : **AQUEOUS-Groundwater**
Lab Sample ID: **1907026-026** Collected By: **Brad Sperry**

Analyte Name (Analyte ID)	Results/Qualifier	Units	DF	MDL	PQL	Date Analyzed	By	Batch ID	Method
cis-1,2-Dichloroethene (156-59-2)	**17**	ug/L	1	0.2	1	07/26/19 21:09	GGL	07261914MB	EPA 8260
1,1-Dichloroethane (75-34-3)	**5.1**	ug/L	1	0.2	1	07/26/19 21:09	GGL	07261914MB	EPA 8260
1,1-Dichloroethene (75-35-4)	**0.88 J**	ug/L	1	0.2	1	07/26/19 21:09	GGL	07261914MB	EPA 8260
Tetrachloroethene (127-18-4)	**120**	ug/L	10	2	10	07/26/19 21:09	GGL	07261914MB	EPA 8260
trans-1,2-Dichloroethene (156-60-5)	**0.99 J**	ug/L	1	0.2	1	07/26/19 21:09	GGL	07261914MB	EPA 8260
1,1,1-Trichloroethane (71-55-6)	**150**	ug/L	10	2	10	07/26/19 21:09	GGL	07261914MB	EPA 8260
Trichloroethene (79-01-6)	**340**	ug/L	10	2	10	07/26/19 21:09	GGL	07261914MB	EPA 8260

Client Sample ID: **DUP-1** Date Collected: **07/17/19 00:00** Matrix ID : **AQUEOUS-Groundwater**
Lab Sample ID: **1907026-027** Collected By: **Brad Sperry**

Analyte Name (Analyte ID)	Results/Qualifier	Units	DF	MDL	PQL	Date Analyzed	By	Batch ID	Method
cis-1,2-Dichloroethene (156-59-2)	**23**	ug/L	1	0.2	1	07/26/19 21:34	GGL	07261914MB	EPA 8260
1,1-Dichloroethane (75-34-3)	**6.1**	ug/L	1	0.2	1	07/26/19 21:34	GGL	07261914MB	EPA 8260
1,1-Dichloroethene (75-35-4)	**0.39 J**	ug/L	1	0.2	1	07/26/19 21:34	GGL	07261914MB	EPA 8260
Tetrachloroethene (127-18-4)	**14**	ug/L	1	0.2	1	07/26/19 21:34	GGL	07261914MB	EPA 8260
trans-1,2-Dichloroethene (156-60-5)	**1.6**	ug/L	1	0.2	1	07/26/19 21:34	GGL	07261914MB	EPA 8260
1,1,1-Trichloroethane (71-55-6)	**49**	ug/L	1	0.2	1	07/26/19 21:34	GGL	07261914MB	EPA 8260
Trichloroethene (79-01-6)	**61**	ug/L	1	0.2	1	07/26/19 21:34	GGL	07261914MB	EPA 8260

This report, which includes the attached Chain-Of-Custody, shall not be reported except in full, without written approval of the laboratory.

Southern Research Laboratories, Inc
2251 Lynx Lane, Suite 1
Orlando, Florida 32804
(407) 522-7100 / Fax (407) 522-7043

ANALYTICAL REPORT

For Project:
Granville

NELAP Certified
FDOH # : **E83484**
Lab Received Date : **07/19/19 10:10**

Company Name: **Progressive Engineering and Construction**
Client's Name: **Brad Sperry**
Client's Address: **12402 N. 56th Street**
City: **Tampa**
State: **FL** Zip:**33617**

Facility ID: **NA**
Project Location: **Ohio**
Client's Phone: **813- 930-0669**
Client's Project Number: **P2347**
Lab Reporting Batch ID: **1907026**

Client Sample ID: **DUP-2** Date Collected: **07/18/19 00:00** Matrix ID : **AQUEOUS-Groundwater**
Lab Sample ID: **1907026-028** Collected By: **Brad Sperry**

Analyte Name (Analyte ID)	Results/Qualifier	Units	DF	MDL	PQL	Date Analyzed	By	Batch ID	Method
1,1-Dichloroethene (75-35-4)	**0.62 J**	ug/L	1	0.2	1	07/26/19 21:59	GGL	07261914MB	EPA 8260
Tetrachloroethene (127-18-4)	**0.37 J**	ug/L	1	0.2	1	07/26/19 21:59	GGL	07261914MB	EPA 8260
1,1,1-Trichloroethane (71-55-6)	**200**	ug/L	10	2	10	07/26/19 21:59	GGL	07261914MB	EPA 8260
Trichloroethene (79-01-6)	**23**	ug/L	1	0.2	1	07/26/19 21:59	GGL	07261914MB	EPA 8260

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Orlando, Florida 32804
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ANALYTICAL REPORT

For Project:
Granville

NELAP Certified
FDOH # : **E83484**
Lab Received Date : **07/19/19 10:10**

Company Name: **Progressive Engineering and Construction**
Client's Name: **Brad Sperry**
Client's Address: **12402 N. 56th Street**
City: **Tampa**
State: **FL** Zip:**33617**

Facility ID: **NA**
Project Location: **Ohio**
Client's Phone: **813- 930-0669**
Client's Project Number: **P2347**
Lab Reporting Batch ID: **1907026**

********** Quality Control : **********

Matrix Spike(MS) — EPA Method 5030/8260B Volatile Organics in Water by GC-MS

Client Sample ID: **MW--06(I) MS** — Date Collected: **07/18/19 07:50** — Matrix ID : **AQUEOUS-Groundwater**
Lab Sample ID: **1907026-030** — Date Prepared: **07/24/19 15:43**
Date Analyzed: **07/24/19 18:13**

EPA 8260

Analyte Name (Analyte ID)	Result	SPK	Units	DF	MDL	PQL	%Rec	Source	By	Batch	%Limits	Notes
Benzene (71-43-2)	25	25	ug/L	1	0.5	1	100	0.5 U	GGL	07241915MB	30-170	
Chlorobenzene (108-90-7)	24.3	25	ug/L	1	0.2	1	97.2	0.2 U	GGL	07241915MB	30-170	
Chloroform (67-66-3)	24.7	25	ug/L	1	0.2	1	98.8	0.2 U	GGL	07241915MB	30-170	
1,1-Dichloroethene (75-35-4)	24.5	25	ug/L	1	0.2	1	95.4	0.66 J	GGL	07241915MB	30-170	
1,2-Dichloropropane (78-87-5)	24.1	25	ug/L	1	0.2	1	96.4	0.2 U	GGL	07241915MB	30-170	
1,1-Dichloropropene (563-58-6)	23.6	25	ug/L	1	0.2	1	94.4	0.2 U	GGL	07241915MB	30-170	
Ethylbenzene (100-41-4)	24.9	25	ug/L	1	0.5	1	99.6	0.5 U	GGL	07241915MB	30-170	
Xylene, m,p- (108-38-3/106-42-3)	49.2	50	ug/L	1	1	2	98.4	1 U	GGL	07241915MB	30-170	
Xylene, o- (95-47-6)	24.2	25	ug/L	1	0.5	1	96.8	0.5 U	GGL	07241915MB	30-170	
Tetrachloroethene (127-18-4)	23.1	25	ug/L	1	0.2	1	91.1	0.32 J	GGL	07241915MB	30-170	
Toluene (108-88-3)	24.1	25	ug/L	1	0.5	1	96.4	0.5 U	GGL	07241915MB	30-170	
trans-1,2-Dichloroethene (156-60-5)	23.6	25	ug/L	1	0.2	1	94.4	0.2 U	GGL	07241915MB	30-170	
Trichloroethene (79-01-6)	45.1	25	ug/L	1	0.2	1	92.4	22	GGL	07241915MB	30-170	

Surrogates	Result	SPK	Units	DF	%Rec	By	Batch	%Limits	Notes
Dibromofluoromethane (DEP-SURR-047)	9.9	10	ug/L	1	99	GGL	07241915MB	30-170	
1,2-Dichloroethane-d4 (DEP-SURR-002)	10.3	10	ug/L	1	103	GGL	07241915MB	30-170	
Toluene-d8 (DEP-SURR-038)	9.8	10	ug/L	1	98	GGL	07241915MB	70-130	
4-Bromofluorobenzene (DEP-SURR-019)	10.1	10	ug/L	1	101	GGL	07241915MB	30-170	

Matrix Spike Dup(MSD) — EPA Method 5030/8260B Volatile Organics in Water by GC-MS

Client Sample ID: **MW--06(I) MSD** — Date Collected: **07/18/19 07:50** — Matrix ID : **AQUEOUS-Groundwater**
Lab Sample ID: **1907026-031** — Date Prepared: **07/24/19 15:43**
Date Analyzed: **07/24/19 18:38**

EPA 8260

Analyte Name (Analyte ID)	Result	SPK	Units	DF	MDL	PQL	%RPD	%Rec	Source	By	Batch	%Limits	Notes
Benzene (71-43-2)	26.7	25	ug/L	1	0.5	1	6.6	107	0.5 U	GGL	07241915MB	30-170	
Chlorobenzene (108-90-7)	26	25	ug/L	1	0.2	1	6.8	104	0.2 U	GGL	07241915MB	30-170	
Chloroform (67-66-3)	26.1	25	ug/L	1	0.2	1	5.5	104	0.2 U	GGL	07241915MB	30-170	
1,1-Dichloroethene (75-35-4)	25.8	25	ug/L	1	0.2	1	5.6	101	0.66 J	GGL	07241915MB	30-170	
1,2-Dichloropropane (78-87-5)	25.3	25	ug/L	1	0.2	1	4.9	101	0.2 U	GGL	07241915MB	30-170	
1,1-Dichloropropene (563-58-6)	25.7	25	ug/L	1	0.2	1	8.9	102	0.2 U	GGL	07241915MB	30-170	
Ethylbenzene (100-41-4)	26.8	25	ug/L	1	0.5	1	7.4	107	0.5 U	GGL	07241915MB	30-170	
Xylene, m,p- (108-38-3/106-42-3)	53	50	ug/L	1	1	2	7.4	106	1 U	GGL	07241915MB	30-170	
Xylene, o- (95-47-6)	25.8	25	ug/L	1	0.5	1	7.2	103	0.5 U	GGL	07241915MB	30-170	
Tetrachloroethene (127-18-4)	25.6	25	ug/L	1	0.2	1	10	101	0.32 J	GGL	07241915MB	30-170	
Toluene (108-88-3)	25.7	25	ug/L	1	0.5	1	6.4	102	0.5 U	GGL	07241915MB	30-170	
trans-1,2-Dichloroethene (156-60-5)	25.6	25	ug/L	1	0.2	1	8.1	102	0.2 U	GGL	07241915MB	30-170	
Trichloroethene (79-01-6)	47.2	25	ug/L	1	0.2	1	4.6	101	22	GGL	07241915MB	30-170	

Surrogates	Result	SPK	Units	DF	%Rec	By	Batch	%Limits	Notes
Dibromofluoromethane (DEP-SURR-047)	9.9	10	ug/L	1	99	GGL	07241915MB	30-170	
1,2-Dichloroethane-d4 (DEP-SURR-002)	9.9	10	ug/L	1	99	GGL	07241915MB	30-170	
Toluene-d8 (DEP-SURR-038)	9.9	10	ug/L	1	99	GGL	07241915MB	70-130	
4-Bromofluorobenzene (DEP-SURR-019)	10.1	10	ug/L	1	101	GGL	07241915MB	30-170	

Matrix Spike(MS) — EPA Method 5030/8260B Volatile Organics in Water by GC-MS

Client Sample ID: **MW-04D2(I) MS-2** — Date Collected: **07/18/19 08:25** — Matrix ID : **AQUEOUS-Groundwater**
Lab Sample ID: **1907026-032** — Date Prepared: **07/26/19 14:03**
Date Analyzed: **07/26/19 16:09**

This report, which includes the attached Chain-Of-Custody, shall not be reported except in full, without written approval of the laboratory.

Southern Research Laboratories, Inc
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Orlando, Florida 32804
(407) 522-7100 / Fax (407) 522-7043

ANALYTICAL REPORT

For Project:
Granville

NELAP Certified
FDOH # : **E83484**
Lab Received Date : **07/19/19 10:10**

Company Name: **Progressive Engineering and Construction**
Client's Name: **Brad Sperry**
Client's Address: **12402 N. 56th Street**
City: **Tampa**
State: **FL** Zip:**33617**

Facility ID: **NA**
Project Location: **Ohio**
Client's Phone: **813- 930-0669**
Client's Project Number: **P2347**
Lab Reporting Batch ID: **1907026**

********** Quality Control : **********

Matrix Spike(MS) — EPA Method 5030/8260B Volatile Organics in Water by GC-MS

Client Sample ID: **MW-04D2(I) MS-2** — Date Collected: **07/18/19 08:25** — Matrix ID : **AQUEOUS-Groundwater**
Lab Sample ID: **1907026-032** — Date Prepared: **07/26/19 14:03**
Date Analyzed: **07/26/19 16:09**

EPA 8260

Analyte Name (Analyte ID)	Result	SPK	Units	DF	MDL	PQL	%Rec	Source	By	Batch	%Limits	Notes
Benzene (71-43-2)	24.1	25	ug/L	1	0.5	1	96.4	0.5 U	GGL	07261914MB	30-170	
Chlorobenzene (108-90-7)	23.7	25	ug/L	1	0.2	1	94.8	0.2 U	GGL	07261914MB	30-170	
Chloroform (67-66-3)	24.4	25	ug/L	1	0.2	1	96.3	0.32 J	GGL	07261914MB	30-170	
1,1-Dichloroethene (75-35-4)	23.3	25	ug/L	1	0.2	1	93.2	0.2 U	GGL	07261914MB	30-170	
1,2-Dichloropropane (78-87-5)	21.6	25	ug/L	1	0.2	1	86.4	0.2 U	GGL	07261914MB	30-170	
Ethylbenzene (100-41-4)	24.4	25	ug/L	1	0.5	1	97.6	0.5 U	GGL	07261914MB	30-170	
Xylene, m,p- (108-38-3/106-42-3)	47.6	50	ug/L	1	1	2	95.2	1 U	GGL	07261914MB	30-170	
Xylene, o- (95-47-6)	23.2	25	ug/L	1	0.5	1	92.8	0.5 U	GGL	07261914MB	30-170	
Tetrachloroethene (127-18-4)	45.2	25	ug/L	1	0.2	1	76.8	26	GGL	07261914MB	30-170	
Toluene (108-88-3)	23.1	25	ug/L	1	0.5	1	92.4	0.5 U	GGL	07261914MB	30-170	
trans-1,2-Dichloroethene (156-60-5)	25.3	25	ug/L	1	0.2	1	93.6	1.9	GGL	07261914MB	30-170	
Trichloroethene (79-01-6)	36.2	25	ug/L	1	0.2	1	92.8	13	GGL	07261914MB	30-170	

Surrogates	Result	SPK	Units	DF	%Rec	By	Batch	%Limits	Notes
Dibromofluoromethane (DEP-SURR-047)	10.5	10	ug/L	1	105	GGL	07261914MB	30-170	
1,2-Dichloroethane-d4 (DEP-SURR-002)	10.1	10	ug/L	1	101	GGL	07261914MB	30-170	
Toluene-d8 (DEP-SURR-038)	9.8	10	ug/L	1	98	GGL	07261914MB	70-130	
4-Bromofluorobenzene (DEP-SURR-019)	10.2	10	ug/L	1	102	GGL	07261914MB	30-170	

Matrix Spike Dup(MSD) — EPA Method 5030/8260B Volatile Organics in Water by GC-MS

Client Sample ID: **MW-04D2(I) MSD-2** — Date Collected: **07/18/19 08:25** — Matrix ID : **AQUEOUS-Groundwater**
Lab Sample ID: **1907026-033** — Date Prepared: **07/26/19 14:03**
Date Analyzed: **07/26/19 16:34**

EPA 8260

Analyte Name (Analyte ID)	Result	SPK	Units	DF	MDL	PQL	%RPD	%Rec	Source	By	Batch	%Limits	Notes
Benzene (71-43-2)	26.8	25	ug/L	1	0.5	1	6.9	107	0.5 U	GGL	07261914MB	30-170	
Chlorobenzene (108-90-7)	26.6	25	ug/L	1	0.2	1	9	106	0.2 U	GGL	07261914MB	30-170	
Chloroform (67-66-3)	27.3	25	ug/L	1	0.2	1	10	108	0.32 J	GGL	07261914MB	30-170	
1,1-Dichloroethene (75-35-4)	26.5	25	ug/L	1	0.2	1	7.8	106	0.2 U	GGL	07261914MB	30-170	
1,2-Dichloropropane (78-87-5)	24.1	25	ug/L	1	0.2	1	0	96	0.2 U	GGL	07261914MB	30-170	
Ethylbenzene (100-41-4)	27.5	25	ug/L	1	0.5	1	9.9	110	0.5 U	GGL	07261914MB	30-170	
Xylene, m,p- (108-38-3/106-42-3)	54.2	50	ug/L	1	1	2	9.7	108	1 U	GGL	07261914MB	30-170	
Xylene, o- (95-47-6)	26.3	25	ug/L	1	0.5	1	8.3	105	0.5 U	GGL	07261914MB	30-170	
Tetrachloroethene (127-18-4)	43.3	25	ug/L	1	0.2	1	4.3	69.2	26	GGL	07261914MB	30-170	
Toluene (108-88-3)	25.9	25	ug/L	1	0.5	1	7.2	104	0.5 U	GGL	07261914MB	30-170	
trans-1,2-Dichloroethene (156-60-5)	28	25	ug/L	1	0.2	1	10	104	1.9	GGL	07261914MB	30-170	
Trichloroethene (79-01-6)	37.7	25	ug/L	1	0.2	1	18	98.8	13	GGL	07261914MB	30-170	

Surrogates	Result	SPK	Units	DF	%Rec	By	Batch	%Limits	Notes
Dibromofluoromethane (DEP-SURR-047)	10.4	10	ug/L	1	104	GGL	07261914MB	30-170	
1,2-Dichloroethane-d4 (DEP-SURR-002)	9.9	10	ug/L	1	99	GGL	07261914MB	30-170	
Toluene-d8 (DEP-SURR-038)	9.8	10	ug/L	1	98	GGL	07261914MB	70-130	
4-Bromofluorobenzene (DEP-SURR-019)	10.1	10	ug/L	1	101	GGL	07261914MB	30-170	

Method Blank(MB) — EPA Method 5030/8260B Volatile Organics in Water by GC-MS

Client Sample ID: **Method Blank** — Date Collected: **07/24/19 15:43** — Matrix ID : **AQUEOUS-Other**
Lab Sample ID: **1907026-037** — Date Prepared: **07/24/19 15:43**
Date Analyzed: **07/24/19 15:43**

EPA 8260

This report, which includes the attached Chain-Of-Custody, shall not be reported except in full, without written approval of the laboratory.

Southern Research Laboratories, Inc
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Orlando, Florida 32804
(407) 522-7100 / Fax (407) 522-7043

ANALYTICAL REPORT

For Project:
Granville

NELAP Certified
FDOH # : **E83484**
Lab Received Date : **07/19/19 10:10**

Company Name: **Progressive Engineering and Construction**
Client's Name: **Brad Sperry**
Client's Address: **12402 N. 56th Street**
City: **Tampa**
State: **FL** Zip:**33617**

Facility ID: **NA**
Project Location: **Ohio**
Client's Phone: **813- 930-0669**
Client's Project Number: **P2347**
Lab Reporting Batch ID: **1907026**

********** Quality Control : **********

Method Blank(MB) EPA Method 5030/8260B Volatile Organics in Water by GC-MS

Client Sample ID: **Method Blank** Date Collected: **07/24/19 15:43** Matrix ID : **AQUEOUS-Other**
Lab Sample ID: **1907026-037** Date Prepared: **07/24/19 15:43**
Date Analyzed: **07/24/19 15:43**

Analyte Name (Analyte ID)	Results/Qual		Units	DF	MDL	PQL	By	Batch	Notes
Benzene (71-43-2)	0.5	U	ug/L	1	0.5	1	GGL	07241915MB	-
Bromobenzene (108-86-1)	0.2	U	ug/L	1	0.2	1	GGL	07241915MB	-
Bromoform (75-25-2)	0.2	U	ug/L	1	0.2	1	GGL	07241915MB	-
Bromomethane (74-83-9)	0.5	U	ug/L	1	0.5	1	GGL	07241915MB	-
Carbon tetrachloride (56-23-5)	0.5	U	ug/L	1	0.5	1	GGL	07241915MB	-
Chlorobenzene (108-90-7)	0.2	U	ug/L	1	0.2	1	GGL	07241915MB	-
Dibromochloromethane (124-48-1)	0.2	U	ug/L	1	0.2	1	GGL	07241915MB	-
Chloroethane (75-00-3)	0.5	U	ug/L	1	0.5	1	GGL	07241915MB	-
Chloroform (67-66-3)	0.2	U	ug/L	1	0.2	1	GGL	07241915MB	-
Chloromethane (74-87-3)	0.5	U	ug/L	1	0.5	2	GGL	07241915MB	-
2-Chlorotoluene (95-49-8)	0.2	U	ug/L	1	0.2	1	GGL	07241915MB	-
4-Chlorotoluene (106-43-4)	0.2	U	ug/L	1	0.2	1	GGL	07241915MB	-
cis-1,2-Dichloroethene (156-59-2)	0.2	U	ug/L	1	0.2	1	GGL	07241915MB	-
cis-1,3-Dichloropropene (10061-01-5)	0.2	U	ug/L	1	0.2	1	GGL	07241915MB	-
Dibromomethane (74-95-3)	0.2	U	ug/L	1	0.2	1	GGL	07241915MB	-
1,2-Dichlorobenzene (95-50-1)	0.2	U	ug/L	1	0.2	1	GGL	07241915MB	-
1,3-Dichlorobenzene (541-73-1)	0.2	U	ug/L	1	0.2	1	GGL	07241915MB	-
1,4-Dichlorobenzene (106-46-7)	0.2	U	ug/L	1	0.2	1	GGL	07241915MB	-
Bromodichloromethane (75-27-4)	0.5	U	ug/L	1	0.5	1	GGL	07241915MB	-
1,1-Dichloroethane (75-34-3)	0.2	U	ug/L	1	0.2	1	GGL	07241915MB	-
1,2-Dichloroethane (107-06-2)	0.2	U	ug/L	1	0.2	1	GGL	07241915MB	-
1,1-Dichloroethene (75-35-4)	0.2	U	ug/L	1	0.2	1	GGL	07241915MB	-
1,2-Dichloropropane (78-87-5)	0.2	U	ug/L	1	0.2	1	GGL	07241915MB	-
1,3-Dichloropropane (142-28-9)	0.2	U	ug/L	1	0.2	1	GGL	07241915MB	-
2,2-Dichloropropane (590-20-7)	0.5	U	ug/L	1	0.5	1	GGL	07241915MB	-
1,1-Dichloropropene (563-58-6)	0.2	U	ug/L	1	0.2	1	GGL	07241915MB	-
Ethylbenzene (100-41-4)	0.5	U	ug/L	1	0.5	1	GGL	07241915MB	-
Methylene chloride (75-09-2)	2	U	ug/L	1	2	5	GGL	07241915MB	-
Methyl-t-butyl ether (1634-04-4)	0.5	U	ug/L	1	0.5	1	GGL	07241915MB	-
Xylene, m,p- (108-38-3/106-42-3)	1	U	ug/L	1	1	2	GGL	07241915MB	-
Xylene, o- (95-47-6)	0.5	U	ug/L	1	0.5	1	GGL	07241915MB	-
Styrene (Phenylethylene) (100-42-5)	0.2	U	ug/L	1	0.2	1	GGL	07241915MB	-
1,1,1,2-Tetrachloroethane (630-20-6)	0.2	U	ug/L	1	0.2	1	GGL	07241915MB	-
1,1,2,2-Tetrachloroethane (79-34-5)	0.2	U	ug/L	1	0.2	1	GGL	07241915MB	-
Tetrachloroethene (127-18-4)	0.2	U	ug/L	1	0.2	1	GGL	07241915MB	-
Toluene (108-88-3)	0.5	U	ug/L	1	0.5	1	GGL	07241915MB	-
trans-1,2-Dichloroethene (156-60-5)	0.2	U	ug/L	1	0.2	1	GGL	07241915MB	-
trans-1,3-Dichloropropene (10061-02-6)	0.2	U	ug/L	1	0.2	1	GGL	07241915MB	-
1,2,4-Trichlorobenzene (12-082-1)	0.2	U	ug/L	1	0.2	1	GGL	07241915MB	-
1,1,1-Trichloroethane (71-55-6)	0.2	U	ug/L	1	0.2	1	GGL	07241915MB	-
1,1,2-Trichloroethane (79-00-5)	0.2	U	ug/L	1	0.2	1	GGL	07241915MB	-
Trichloroethene (79-01-6)	0.2	U	ug/L	1	0.2	1	GGL	07241915MB	-
1,2,3-Trichloropropane (96-18-4)	0.2	U	ug/L	1	0.2	1	GGL	07241915MB	-
Vinyl chloride (75-01-4)	0.2	U	ug/L	1	0.2	1	GGL	07241915MB	-
Xylenes- Total (1330-20-7)	1.5	U	ug/L	1	1.5	3	GGL	07241915MB	-

Surrogates	Result	SPK	Units	DF	%Rec	By	Batch	%Limits	Notes
Dibromofluoromethane (DEP-SURR-047)	9.9	10	ug/L	1	99	GGL	07241915MB	30-170	
1,2-Dichloroethane-d4 (DEP-SURR-002)	10	10	ug/L	1	100	GGL	07241915MB	30-170	
Toluene-d8 (DEP-SURR-038)	9.9	10	ug/L	1	99	GGL	07241915MB	70-130	
4-Bromofluorobenzene (DEP-SURR-019)	9.9	10	ug/L	1	99	GGL	07241915MB	30-170	

This report, which includes the attached Chain-Of-Custody, shall not be reported except in full, without written approval of the laboratory.

Southern Research Laboratories, Inc
2251 Lynx Lane, Suite 1
Orlando, Florida 32804
(407) 522-7100 / Fax (407) 522-7043

ANALYTICAL REPORT

For Project:
Granville

NELAP Certified
FDOH # : **E83484**
Lab Received Date : **07/19/19 10:10**

Company Name: **Progressive Engineering and Construction**
Client's Name: **Brad Sperry**
Client's Address: **12402 N. 56th Street**
City: **Tampa**
State: **FL** Zip:**33617**

Facility ID: **NA**
Project Location: **Ohio**
Client's Phone: **813- 930-0669**
Client's Project Number: **P2347**
Lab Reporting Batch ID: **1907026**

********** Quality Control : **********

Laboratory Control Standard(LCS) EPA Method 5030/8260B Volatile Organics in Water by GC-MS

Client Sample ID: **LCS** Date Collected: **07/24/19 15:43** Matrix ID : **AQUEOUS-Other**
Lab Sample ID: **1907026-038** Date Prepared: **07/24/19 15:43**
Date Analyzed: **07/24/19 16:08**

EPA 8260

Analyte Name (Analyte ID)	Result	SPK	Units	DF	MDL	PQL	%Rec	By	Batch	%Limits	Notes
Benzene (71-43-2)	26.4	25	ug/L	1	0.5	1	106	GGL	07241915MB	30-170	
Chlorobenzene (108-90-7)	26.4	25	ug/L	1	0.2	1	106	GGL	07241915MB	30-170	
Chloroform (67-66-3)	26.4	25	ug/L	1	0.2	1	106	GGL	07241915MB	30-170	
1,1-Dichloroethene (75-35-4)	25.2	25	ug/L	1	0.2	1	101	GGL	07241915MB	30-170	
1,2-Dichloropropane (78-87-5)	25.2	25	ug/L	1	0.2	1	101	GGL	07241915MB	30-170	
Ethylbenzene (100-41-4)	26.7	25	ug/L	1	0.5	1	107	GGL	07241915MB	30-170	
Xylene, o- (95-47-6)	26.3	25	ug/L	1	0.5	1	105	GGL	07241915MB	30-170	
Tetrachloroethene (127-18-4)	25.6	25	ug/L	1	0.2	1	102	GGL	07241915MB	30-170	
Toluene (108-88-3)	25.5	25	ug/L	1	0.5	1	102	GGL	07241915MB	30-170	
trans-1,2-Dichloroethene (156-60-5)	25.7	25	ug/L	1	0.2	1	103	GGL	07241915MB	30-170	
Trichloroethene (79-01-6)	25.2	25	ug/L	1	0.2	1	101	GGL	07241915MB	30-170	

Surrogates	Result	SPK	Units	DF	%Rec	By	Batch	%Limits	Notes
Dibromofluoromethane (DEP-SURR-047)	10.1	10	ug/L	1	101	GGL	07241915MB	30-170	
1,2-Dichloroethane-d4 (DEP-SURR-002)	10	10	ug/L	1	100	GGL	07241915MB	30-170	
Toluene-d8 (DEP-SURR-038)	9.9	10	ug/L	1	99	GGL	07241915MB	70-130	
4-Bromofluorobenzene (DEP-SURR-019)	9.9	10	ug/L	1	99	GGL	07241915MB	30-170	

Method Blank(MB) EPA Method 5030/8260B Volatile Organics in Water by GC-MS

Client Sample ID: **Method Blank-2** Date Collected: **07/26/19 14:03** Matrix ID : **AQUEOUS-Other**
Lab Sample ID: **1907026-041** Date Prepared: **07/26/19 14:03**
Date Analyzed: **07/26/19 14:03**

EPA 8260

Analyte Name (Analyte ID)	Results/Qual		Units	DF	MDL	PQL	By	Batch	Notes
Benzene (71-43-2)	0.5	U	ug/L	1	0.5	1	GGL	07261914MB	-
Bromobenzene (108-86-1)	0.2	U	ug/L	1	0.2	1	GGL	07261914MB	-
Bromoform (75-25-2)	0.2	U	ug/L	1	0.2	1	GGL	07261914MB	-
Bromomethane (74-83-9)	0.5	U	ug/L	1	0.5	1	GGL	07261914MB	-
Carbon tetrachloride (56-23-5)	0.5	U	ug/L	1	0.5	1	GGL	07261914MB	-
Chlorobenzene (108-90-7)	0.2	U	ug/L	1	0.2	1	GGL	07261914MB	-
Dibromochloromethane (124-48-1)	0.2	U	ug/L	1	0.2	1	GGL	07261914MB	-
Chloroethane (75-00-3)	0.5	U	ug/L	1	0.5	1	GGL	07261914MB	-
Chloroform (67-66-3)	0.2	U	ug/L	1	0.2	1	GGL	07261914MB	-
Chloromethane (74-87-3)	0.5	U	ug/L	1	0.5	2	GGL	07261914MB	-
2-Chlorotoluene (95-49-8)	0.2	U	ug/L	1	0.2	1	GGL	07261914MB	-
4-Chlorotoluene (106-43-4)	0.2	U	ug/L	1	0.2	1	GGL	07261914MB	-
cis-1,2-Dichloroethene (156-59-2)	0.2	U	ug/L	1	0.2	1	GGL	07261914MB	-
cis-1,3-Dichloropropene (10061-01-5)	0.2	U	ug/L	1	0.2	1	GGL	07261914MB	-
Dibromomethane (74-95-3)	0.2	U	ug/L	1	0.2	1	GGL	07261914MB	-
1,2-Dichlorobenzene (95-50-1)	0.2	U	ug/L	1	0.2	1	GGL	07261914MB	-
1,3-Dichlorobenzene (541-73-1)	0.2	U	ug/L	1	0.2	1	GGL	07261914MB	-
1,4-Dichlorobenzene (106-46-7)	0.2	U	ug/L	1	0.2	1	GGL	07261914MB	-
Bromodichloromethane (75-27-4)	0.5	U	ug/L	1	0.5	1	GGL	07261914MB	-
1,1-Dichloroethane (75-34-3)	0.2	U	ug/L	1	0.2	1	GGL	07261914MB	-
1,2-Dichloroethane (107-06-2)	0.2	U	ug/L	1	0.2	1	GGL	07261914MB	-
1,1-Dichloroethene (75-35-4)	0.2	U	ug/L	1	0.2	1	GGL	07261914MB	-
1,2-Dichloropropane (78-87-5)	0.2	U	ug/L	1	0.2	1	GGL	07261914MB	-
1,3-Dichloropropane (142-28-9)	0.2	U	ug/L	1	0.2	1	GGL	07261914MB	-
2,2-Dichloropropane (590-20-7)	0.5	U	ug/L	1	0.5	1	GGL	07261914MB	-
1,1-Dichloropropene (563-58-6)	0.2	U	ug/L	1	0.2	1	GGL	07261914MB	-

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Southern Research Laboratories, Inc
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Orlando, Florida 32804
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ANALYTICAL REPORT

For Project:
Granville

NELAP Certified
FDOH # : **E83484**
Lab Received Date : **07/19/19 10:10**

Company Name: **Progressive Engineering and Construction**
Client's Name: **Brad Sperry**
Client's Address: **12402 N. 56th Street**
City: **Tampa**
State: **FL** Zip:**33617**

Facility ID: **NA**
Project Location: **Ohio**
Client's Phone: **813- 930-0669**
Client's Project Number: **P2347**
Lab Reporting Batch ID: **1907026**

********** Quality Control : **********

Method Blank(MB) — EPA Method 5030/8260B Volatile Organics in Water by GC-MS

Client Sample ID: **Method Blank-2** — Date Collected: **07/26/19 14:03** — Matrix ID : **AQUEOUS-Other**
Lab Sample ID: **1907026-041** — Date Prepared: **07/26/19 14:03**
Date Analyzed: **07/26/19 14:03**

Analyte Name (Analyte ID)	Results/Qual		Units	DF	MDL	PQL	By	Batch	Notes
Ethylbenzene (100-41-4)	0.5	U	ug/L	1	0.5	1	GGL	07261914MB	-
Methylene chloride (75-09-2)	2	U	ug/L	1	2	5	GGL	07261914MB	-
Methyl-t-butyl ether (1634-04-4)	0.5	U	ug/L	1	0.5	1	GGL	07261914MB	-
Xylene, m,p- (108-38-3/106-42-3)	1	U	ug/L	1	1	2	GGL	07261914MB	-
Xylene, o- (95-47-6)	0.5	U	ug/L	1	0.5	1	GGL	07261914MB	-
Styrene (Phenylethylene) (100-42-5)	0.2	U	ug/L	1	0.2	1	GGL	07261914MB	-
1,1,1,2-Tetrachloroethane (630-20-6)	0.2	U	ug/L	1	0.2	1	GGL	07261914MB	-
1,1,2,2-Tetrachloroethane (79-34-5)	0.2	U	ug/L	1	0.2	1	GGL	07261914MB	-
Tetrachloroethene (127-18-4)	0.2	U	ug/L	1	0.2	1	GGL	07261914MB	-
Toluene (108-88-3)	0.5	U	ug/L	1	0.5	1	GGL	07261914MB	-
trans-1,2-Dichloroethene (156-60-5)	0.2	U	ug/L	1	0.2	1	GGL	07261914MB	-
trans-1,3-Dichloropropene (10061-02-6)	0.2	U	ug/L	1	0.2	1	GGL	07261914MB	-
1,2,4-Trichlorobenzene (12-082-1)	0.2	U	ug/L	1	0.2	1	GGL	07261914MB	-
1,1,1-Trichloroethane (71-55-6)	0.2	U	ug/L	1	0.2	1	GGL	07261914MB	-
1,1,2-Trichloroethane (79-00-5)	0.2	U	ug/L	1	0.2	1	GGL	07261914MB	-
Trichloroethene (79-01-6)	0.2	U	ug/L	1	0.2	1	GGL	07261914MB	-
1,2,3-Trichloropropane (96-18-4)	0.2	U	ug/L	1	0.2	1	GGL	07261914MB	-
Vinyl chloride (75-01-4)	0.2	U	ug/L	1	0.2	1	GGL	07261914MB	-
Xylenes- Total (1330-20-7)	1.5	U	ug/L	1	1.5	3	GGL	07261914MB	-

Surrogates	Result	SPK	Units	DF	%Rec	By	Batch	%Limits	Notes
Dibromofluoromethane (DEP-SURR-047)	10.1	10	ug/L	1	101	GGL	07261914MB	30-170	
1,2-Dichloroethane-d4 (DEP-SURR-002)	10.2	10	ug/L	1	102	GGL	07261914MB	30-170	
Toluene-d8 (DEP-SURR-038)	9.5	10	ug/L	1	95	GGL	07261914MB	70-130	
4-Bromofluorobenzene (DEP-SURR-019)	9.7	10	ug/L	1	97	GGL	07261914MB	30-170	

Laboratory Control Standard(LCS) — EPA Method 5030/8260B Volatile Organics in Water by GC-MS

Client Sample ID: **LCS-2** — Date Collected: **07/26/19 14:03** — Matrix ID : **AQUEOUS-Other**
Lab Sample ID: **1907026-042** — Date Prepared: **07/26/19 14:03**
Date Analyzed: **07/26/19 14:53**

EPA 8260

Analyte Name (Analyte ID)	Result	SPK	Units	DF	MDL	PQL	%Rec	By	Batch	%Limits	Notes
Benzene (71-43-2)	26	25	ug/L	1	0.5	1	104	GGL	07261914MB	30-170	
Chlorobenzene (108-90-7)	26.7	25	ug/L	1	0.2	1	107	GGL	07261914MB	30-170	
Chloroform (67-66-3)	26.4	25	ug/L	1	0.2	1	106	GGL	07261914MB	30-170	
1,1-Dichloroethene (75-35-4)	26	25	ug/L	1	0.2	1	104	GGL	07261914MB	30-170	
1,2-Dichloropropane (78-87-5)	23.9	25	ug/L	1	0.2	1	95.6	GGL	07261914MB	30-170	
Ethylbenzene (100-41-4)	26.1	25	ug/L	1	0.5	1	104	GGL	07261914MB	30-170	
Xylene, m,p- (108-38-3/106-42-3)	53.4	50	ug/L	1	1	2	107	GGL	07261914MB	30-170	
Xylene, o- (95-47-6)	26.3	25	ug/L	1	0.5	1	105	GGL	07261914MB	30-170	
Tetrachloroethene (127-18-4)	26.7	25	ug/L	1	0.2	1	107	GGL	07261914MB	30-170	
Toluene (108-88-3)	25.2	25	ug/L	1	0.5	1	101	GGL	07261914MB	30-170	
trans-1,2-Dichloroethene (156-60-5)	26.1	25	ug/L	1	0.2	1	104	GGL	07261914MB	30-170	
Trichloroethene (79-01-6)	26	25	ug/L	1	0.2	1	104	GGL	07261914MB	30-170	

Surrogates	Result	SPK	Units	DF	%Rec	By	Batch	%Limits	Notes
Dibromofluoromethane (DEP-SURR-047)	10.4	10	ug/L	1	104	GGL	07261914MB	30-170	
1,2-Dichloroethane-d4 (DEP-SURR-002)	10	10	ug/L	1	100	GGL	07261914MB	30-170	
Toluene-d8 (DEP-SURR-038)	9.7	10	ug/L	1	97	GGL	07261914MB	70-130	
4-Bromofluorobenzene (DEP-SURR-019)	10	10	ug/L	1	100	GGL	07261914MB	30-170	

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ANALYTICAL REPORT

For Project:
Granville

NELAP Certified
FDOH # : **E83484**
Lab Received Date : **07/19/19 10:10**

Company Name: **Progressive Engineering and Construction**
Client's Name: **Brad Sperry**
Client's Address: **12402 N. 56th Street**
City: **Tampa**
State: **FL** Zip:**33617**

Facility ID: **NA**
Project Location: **Ohio**
Client's Phone: **813- 930-0669**
Client's Project Number: **P2347**
Lab Reporting Batch ID: **1907026**

**********Data Qualifiers Codes**********

Reporting Exceptions and Qualified Data

When quality control results are outside established control limits reanalysis, including re-extraction (if applicable), is preferred. If re-analysis is not viable or desirable, then results may be qualified. Sample results associated with quality control data that exceed acceptance criteria will be qualified with an appropriate comment. Any parameter for which the laboratory is not officially NELAP accredited is indicated by a '~' symbol. These are not included in the scope because NELAP accreditation is either not available or has not been applied for.

Lab Qualifier	Description
B-01	The sample dilutions set-up for the analysis did not meet the oxygen depletion criteria of at least 2 mg/l dissolved oxygen depletion. Therefore the reported result is an estimated value only.
B-03	Blank exceeds the method required oxygen depletion of <0.20 mg/L.
B-06	Sample is supersaturated with DO. Initial DO exceeds the method required maximum initial DO of 9 mg/L.
B-07	LCS exceeded control limits. The test can not be repeated due to method constraints. Considered to be an estimated value.
D	Data reported from a dilution and or multiple dilutions. D2= 1/2, D5= 1/5, D10= 1/10, D20= 1/20, D50= 1/50, D100= 1/100
I, J	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
J-01	Result may be biased high due to positive results in the associated method blank at a concentration above the MDL and/or greater than one-half the MRL.
L	Off-scale high. Actual value is known to be greater than value given.
LP-02	Less than 1000 ml of sample filtered and residue range of 2.5 insufficient sample, analysis cannot be repeated.
M	Presence of material is verified but not quantified; the actual value is less than the value given. The estimated concentration is greater than the MDL.
N	Presumptive evidence of presence of material.
O	Sampled, but analysis lost or not performed.
PS	PS = Parent Sample. The PS sample was used as the parent sample for the analysis batch to make a Matrix Spike (MS), Matrix Spike Duplicated (MSD) and / or Laboratory Duplicate (DUP).
Q	Sample held beyond the accepted holding time. Use this code if result derived from a sample prepared or analyzed after the approved holding time.
QB-01	The method blank had a positive result for the analyte; however, the concentration in the method blank is less than 10% of the sample result. There is minimal impact to the data.
QB-02	The method blank contains analyte at a concentration above the MDL and/or greater than one-half the MRL. The analyte was not detected in the sample.
QL-02	The associated laboratory control sample exhibited high bias; since the result is ND, there is no impact.
QM-02	The RPD and/or percent recovery for this QC spike sample cannot be accurately calculated due to the high concentration of analyte present in the sample.
QM-07	Spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QM-11	Precision between duplicate matrix spikes of the same sample was outside acceptance limits.
QM-19	The spike recovery was outside acceptance limits for the MS and/or MSD.
QM-S	Surrogate recovery exceeded acceptance criteria due to the presence of a coeluting compound.
QR-06	The RPD value for the LCS/LCSD was outside of QC acceptance limits.
QS-03	Surrogate recovery outside acceptance limits
QS-4	Surrogate recovery not calculated. Surrogate diluted out of the calibrtion range.
QS-6	Surrogate recovery exceeded accepance criteria due to coelution. Matrix effect confirmed.
QV-01	The associated continuing calibration verification standard exhibited high bias; since the result is ND, there is no impact.
R-01	The Reporting Limit for this analyte has been raised to account for matrix interference.
T	Value reported is less than the laboratory method detection limit. The value is reported for informational purposes only and shall not be used in statistical analysis.
U	Indicates the compound was analyzed for but not detected above the method detection limt.
V	Indicates the analyte was detected in both the sample and method blank.
V1	Common Laboratory Contaminant
Y	The laboratory analysis was performed on an improperly preserved sample. The result may not be accurate.
Z	Too many colonies were present (TNTC); the numeric value represents the filtration volume.

This report, which includes the attached Chain-Of-Custody, shall not be reported except in full, without written approval of the laboratory.

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Thank you Brad Sperry for the opportunity to be of service to you and your company, We Sincerely Appreciate Your Business.

SRL certifies these Laboratory Results were produced in accordance with NELAC Standards. Hold times and preservation requirements were met for all analytes unless specifically call noted in the report. Results relate only to the samples as received.

Southern Research Laboratories, Inc
2251 Lynx Lane, Suite 1
Orlando, Florida 32804
(407) 522-7100 / Fax (407) 522-7043

ANALYTICAL REPORT

For Proiect:
Granville

NELAP Certified
FDOH # : **E83484**
Lab Received Date : **11/21/19 09:35**

Company Name: **Progressive Engineering and Construction**
Client's Name: **Brad Sperry**
Client's Address: **12402 N. 56th Street**
City: **Tampa**
State: **FL** Zip:**33617**

Facility ID: **NA**
Project Location: **Granville, Ohio**
Client's Phone: **813- 930-0669**
Client's Project Number: **P2347**
Lab Reporting Batch ID: **1911033**

Item#	Lab Sample ID	Client Sample ID	Collected Date	Collected Time	Sample Matrix	Analysis Requested
1	1911033-001	MW-08(S)	11/18/19	14:45	AQUEOUS-Groundwater	EPA 8260
2	1911033-002	GSSMW-15(I)	11/18/19	15:17	AQUEOUS-Groundwater	EPA 8260
3	1911033-003	Duplicate-1	11/18/19	0:00	AQUEOUS-Groundwater	EPA 8260
4	1911033-004	MW-17(I)	11/18/19	15:49	AQUEOUS-Groundwater	EPA 8260
5	1911033-005	MW-16(S)	11/18/19	16:18	AQUEOUS-Groundwater	EPA 8260
6	1911033-006	GSSMW-09(I)	11/19/19	9:28	AQUEOUS-Groundwater	EPA 8260
7	1911033-007	MW-07(D)	11/19/19	9:58	AQUEOUS-Groundwater	EPA 8260
10	1911033-010	GSSMW-08(I)	11/19/19	10:30	AQUEOUS-Groundwater	EPA 8260
11	1911033-011	MW-04DR(S)	11/19/19	11:16	AQUEOUS-Groundwater	EPA 8260
12	1911033-012	MW-04D2(I)	11/19/19	11:42	AQUEOUS-Groundwater	EPA 8260
13	1911033-013	GSSMW-12(D)	11/19/19	13:25	AQUEOUS-Groundwater	EPA 8260
14	1911033-014	MW-02(S)	11/19/19	13:53	AQUEOUS-Groundwater	EPA 8260
15	1911033-015	Duplicate-2	11/19/19	0:00	AQUEOUS-Groundwater	EPA 8260
16	1911033-016	MW-02D(I)	11/19/19	14:22	AQUEOUS-Groundwater	EPA 8260
17	1911033-017	Equipment Blank	11/19/19	15:00	AQUEOUS-Other	EPA 8260
18	1911033-018	Trip Blank	11/18/19	8:00	AQUEOUS-Other	EPA 8260

Sherri Payne
Vice President / Quality Assurance Officer - SRL

This report, which includes the attached Chain-Of-Custody, shall not be reported except in full, without written approval of the laboratory.

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Orlando, Florida 32804
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ANALYTICAL REPORT

For Project:
Granville

NELAP Certified
FDOH # : **E83484**
Lab Received Date : **11/21/19 09:35**

Company Name: **Progressive Engineering and Construction**
Client's Name: **Brad Sperry**
Client's Address: **12402 N. 56th Street**
City: **Tampa**
State: **FL** Zip: **33617**

Facility ID: **NA**
Project Location: **Granville, Ohio**
Client's Phone: **813- 930-0669**
Client's Project Number: **P2347**
Lab Reporting Batch ID: **1911033**

********** Analytical Results **********

Client Sample ID: **MW-08(S)** Date Collected: **11/18/19 14:45** Matrix ID : **AQUEOUS-Groundwater**
Lab Sample ID: **1911033-001** Collected By: **Brad Sperry**

EPA Method 5030/8260B Volatile Organics in Water by GC-MS

Analyte Name (Analyte ID)	Results/Qual	Units	DF	MDL	PQL	Method	Analyzed Date	By	Batch	Notes
Benzene (71-43-2)	0.5 U	ug/L	1	0.5	1	EPA 8260	11/26/19 19:12	GGL	11261917MB	-
Bromobenzene (108-86-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 19:12	GGL	11261917MB	-
Bromoform (75-25-2)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 19:12	GGL	11261917MB	-
Bromomethane (74-83-9)	0.5 U	ug/L	1	0.5	1	EPA 8260	11/26/19 19:12	GGL	11261917MB	-
Carbon tetrachloride (56-23-5)	0.5 U	ug/L	1	0.5	1	EPA 8260	11/26/19 19:12	GGL	11261917MB	-
Chlorobenzene (108-90-7)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 19:12	GGL	11261917MB	-
Dibromochloromethane (124-48-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 19:12	GGL	11261917MB	-
Chloroethane (75-00-3)	0.5 U	ug/L	1	0.5	1	EPA 8260	11/26/19 19:12	GGL	11261917MB	-
Chloroform (67-66-3)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 19:12	GGL	11261917MB	-
Chloromethane (74-87-3)	0.5 U	ug/L	1	0.5	2	EPA 8260	11/26/19 19:12	GGL	11261917MB	-
2-Chlorotoluene (95-49-8)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 19:12	GGL	11261917MB	-
4-Chlorotoluene (106-43-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 19:12	GGL	11261917MB	-
cis-1,2-Dichloroethene (156-59-2)	***72***	ug/L	1	0.2	1	EPA 8260	11/26/19 19:12	GGL	11261917MB	-
cis-1,3-Dichloropropene (10061-01-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 19:12	GGL	11261917MB	-
Dibromomethane (74-95-3)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 19:12	GGL	11261917MB	-
1,2-Dichlorobenzene (95-50-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 19:12	GGL	11261917MB	-
1,3-Dichlorobenzene (541-73-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 19:12	GGL	11261917MB	-
1,4-Dichlorobenzene (106-46-7)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 19:12	GGL	11261917MB	-
Bromodichloromethane (75-27-4)	0.5 U	ug/L	1	0.5	1	EPA 8260	11/26/19 19:12	GGL	11261917MB	-
1,1-Dichloroethane (75-34-3)	***4.9***	ug/L	1	0.2	1	EPA 8260	11/26/19 19:12	GGL	11261917MB	-
1,2-Dichloroethane (107-06-2)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 19:12	GGL	11261917MB	-
1,1-Dichloroethene (75-35-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 19:12	GGL	11261917MB	-
1,2-Dichloropropane (78-87-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 19:12	GGL	11261917MB	-
1,3-Dichloropropane (142-28-9)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 19:12	GGL	11261917MB	-
2,2-Dichloropropane (590-20-7)	0.5 U	ug/L	1	0.5	1	EPA 8260	11/26/19 19:12	GGL	11261917MB	-
1,1-Dichloropropene (563-58-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 19:12	GGL	11261917MB	-
Ethylbenzene (100-41-4)	0.5 U	ug/L	1	0.5	1	EPA 8260	11/26/19 19:12	GGL	11261917MB	-
Methylene chloride (75-09-2)	2 U	ug/L	1	2	5	EPA 8260	11/26/19 19:12	GGL	11261917MB	-
Methyl-t-butyl ether (1634-04-4)	0.5 U	ug/L	1	0.5	1	EPA 8260	11/26/19 19:12	GGL	11261917MB	-
Xylene, m,p- (108-38-3/106-42-3)	1 U	ug/L	1	1	2	EPA 8260	11/26/19 19:12	GGL	11261917MB	-
Xylene, o- (95-47-6)	0.5 U	ug/L	1	0.5	1	EPA 8260	11/26/19 19:12	GGL	11261917MB	-
Styrene (Phenylethylene) (100-42-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 19:12	GGL	11261917MB	-
1,1,1,2-Tetrachloroethane (630-20-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 19:12	GGL	11261917MB	-
1,1,2,2-Tetrachloroethane (79-34-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 19:12	GGL	11261917MB	-
Tetrachloroethene (127-18-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 19:12	GGL	11261917MB	-
Toluene (108-88-3)	0.5 U	ug/L	1	0.5	1	EPA 8260	11/26/19 19:12	GGL	11261917MB	-
trans-1,2-Dichloroethene (156-60-5)	***10***	ug/L	1	0.2	1	EPA 8260	11/26/19 19:12	GGL	11261917MB	-
trans-1,3-Dichloropropene (10061-02-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 19:12	GGL	11261917MB	-
1,2,4-Trichlorobenzene (12-082-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 19:12	GGL	11261917MB	-
1,1,1-Trichloroethane (71-55-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 19:12	GGL	11261917MB	-
1,1,2-Trichloroethane (79-00-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 19:12	GGL	11261917MB	-
Trichloroethene (79-01-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 19:12	GGL	11261917MB	-
1,2,3-Trichloropropane (96-18-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 19:12	GGL	11261917MB	-
Vinyl chloride (75-01-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 19:12	GGL	11261917MB	-
Xylenes- Total (1330-20-7)	1.5 U	ug/L	1	1.5	3	EPA 8260	11/26/19 19:12	GGL	11261917MB	-

Surrogates	Result	SPK	Units	DF	%Rec	Analyzed Date	By	Batch	%Limits	Notes
Dibromofluoromethane (DEP-SURR-047)	10.2	10	ug/L	1	102	11/26/19 19:12	GGL	11261917MB	30-170	
1,2-Dichloroethane-d4 (DEP-SURR-002)	10.5	10	ug/L	1	105	11/26/19 19:12	GGL	11261917MB	30-170	
Toluene-d8 (DEP-SURR-038)	9.2	10	ug/L	1	92	11/26/19 19:12	GGL	11261917MB	70-130	
4-Bromofluorobenzene (DEP-SURR-019)	9.3	10	ug/L	1	93	11/26/19 19:12	GGL	11261917MB	30-170	

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ANALYTICAL REPORT

For Project:
Granville

NELAP Certified
FDOH # : **E83484**
Lab Received Date : **11/21/19 09:35**

Company Name: **Progressive Engineering and Construction**
Client's Name: **Brad Sperry**
Client's Address: **12402 N. 56th Street**
City: **Tampa**
State: **FL** Zip: **33617**

Facility ID: **NA**
Project Location: **Granville, Ohio**
Client's Phone: **813- 930-0669**
Client's Project Number: **P2347**
Lab Reporting Batch ID: **1911033**

********** Analytical Results **********

Client Sample ID: **GSSMW-15(I)** Date Collected: **11/18/19 15:17** Matrix ID : **AQUEOUS-Groundwater**
Lab Sample ID: **1911033-002** Collected By: **Brad Sperry**

EPA Method 5030/8260B Volatile Organics in Water by GC-MS

Analyte Name (Analyte ID)	Results/Qual	Units	DF	MDL	PQL	Method	Analyzed Date	By	Batch	Notes
Benzene (71-43-2)	0.5 U	ug/L	1	0.5	1	EPA 8260	11/26/19 19:37	GGL	11261917MB	-
Bromobenzene (108-86-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 19:37	GGL	11261917MB	-
Bromoform (75-25-2)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 19:37	GGL	11261917MB	-
Bromomethane (74-83-9)	0.5 U	ug/L	1	0.5	1	EPA 8260	11/26/19 19:37	GGL	11261917MB	-
Carbon tetrachloride (56-23-5)	0.5 U	ug/L	1	0.5	1	EPA 8260	11/26/19 19:37	GGL	11261917MB	-
Chlorobenzene (108-90-7)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 19:37	GGL	11261917MB	-
Dibromochloromethane (124-48-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 19:37	GGL	11261917MB	-
Chloroethane (75-00-3)	0.5 U	ug/L	1	0.5	1	EPA 8260	11/26/19 19:37	GGL	11261917MB	-
Chloroform (67-66-3)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 19:37	GGL	11261917MB	-
Chloromethane (74-87-3)	0.5 U	ug/L	1	0.5	2	EPA 8260	11/26/19 19:37	GGL	11261917MB	-
2-Chlorotoluene (95-49-8)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 19:37	GGL	11261917MB	-
4-Chlorotoluene (106-43-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 19:37	GGL	11261917MB	-
cis-1,2-Dichloroethene (156-59-2)	***21***	ug/L	1	0.2	1	EPA 8260	11/26/19 19:37	GGL	11261917MB	-
cis-1,3-Dichloropropene (10061-01-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 19:37	GGL	11261917MB	-
Dibromomethane (74-95-3)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 19:37	GGL	11261917MB	-
1,2-Dichlorobenzene (95-50-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 19:37	GGL	11261917MB	-
1,3-Dichlorobenzene (541-73-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 19:37	GGL	11261917MB	-
1,4-Dichlorobenzene (106-46-7)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 19:37	GGL	11261917MB	-
Bromodichloromethane (75-27-4)	0.5 U	ug/L	1	0.5	1	EPA 8260	11/26/19 19:37	GGL	11261917MB	-
1,1-Dichloroethane (75-34-3)	***4.3***	ug/L	1	0.2	1	EPA 8260	11/26/19 19:37	GGL	11261917MB	-
1,2-Dichloroethane (107-06-2)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 19:37	GGL	11261917MB	-
1,1-Dichloroethene (75-35-4)	***5.9***	ug/L	1	0.2	1	EPA 8260	11/26/19 19:37	GGL	11261917MB	-
1,2-Dichloropropane (78-87-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 19:37	GGL	11261917MB	-
1,3-Dichloropropane (142-28-9)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 19:37	GGL	11261917MB	-
2,2-Dichloropropane (590-20-7)	0.5 U	ug/L	1	0.5	1	EPA 8260	11/26/19 19:37	GGL	11261917MB	-
1,1-Dichloropropene (563-58-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 19:37	GGL	11261917MB	-
Ethylbenzene (100-41-4)	0.5 U	ug/L	1	0.5	1	EPA 8260	11/26/19 19:37	GGL	11261917MB	-
Methylene chloride (75-09-2)	2 U	ug/L	1	2	5	EPA 8260	11/26/19 19:37	GGL	11261917MB	-
Methyl-t-butyl ether (1634-04-4)	0.5 U	ug/L	1	0.5	1	EPA 8260	11/26/19 19:37	GGL	11261917MB	-
Xylene, m,p- (108-38-3/106-42-3)	1 U	ug/L	1	1	2	EPA 8260	11/26/19 19:37	GGL	11261917MB	-
Xylene, o- (95-47-6)	0.5 U	ug/L	1	0.5	1	EPA 8260	11/26/19 19:37	GGL	11261917MB	-
Styrene (Phenylethylene) (100-42-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 19:37	GGL	11261917MB	-
1,1,1,2-Tetrachloroethane (630-20-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 19:37	GGL	11261917MB	-
1,1,2,2-Tetrachloroethane (79-34-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 19:37	GGL	11261917MB	-
Tetrachloroethene (127-18-4)	***16***	ug/L	1	0.2	1	EPA 8260	11/26/19 19:37	GGL	11261917MB	-
Toluene (108-88-3)	0.5 U	ug/L	1	0.5	1	EPA 8260	11/26/19 19:37	GGL	11261917MB	-
trans-1,2-Dichloroethene (156-60-5)	***1.5***	ug/L	1	0.2	1	EPA 8260	11/26/19 19:37	GGL	11261917MB	-
trans-1,3-Dichloropropene (10061-02-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 19:37	GGL	11261917MB	-
1,2,4-Trichlorobenzene (12-082-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 19:37	GGL	11261917MB	-
1,1,1-Trichloroethane (71-55-6)	***71***	ug/L	1	0.2	1	EPA 8260	11/26/19 19:37	GGL	11261917MB	-
1,1,2-Trichloroethane (79-00-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 19:37	GGL	11261917MB	-
Trichloroethene (79-01-6)	***85***	ug/L	1	0.2	1	EPA 8260	11/26/19 19:37	GGL	11261917MB	-
1,2,3-Trichloropropane (96-18-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 19:37	GGL	11261917MB	-
Vinyl chloride (75-01-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 19:37	GGL	11261917MB	-
Xylenes- Total (1330-20-7)	1.5 U	ug/L	1	1.5	3	EPA 8260	11/26/19 19:37	GGL	11261917MB	-

Surrogates	Result	SPK	Units	DF	%Rec	Analyzed Date	By	Batch	%Limits	Notes
Dibromofluoromethane (DEP-SURR-047)	10.3	10	ug/L	1	103	11/26/19 19:37	GGL	11261917MB	30-170	
1,2-Dichloroethane-d4 (DEP-SURR-002)	10.7	10	ug/L	1	107	11/26/19 19:37	GGL	11261917MB	30-170	
Toluene-d8 (DEP-SURR-038)	9.1	10	ug/L	1	91	11/26/19 19:37	GGL	11261917MB	70-130	
4-Bromofluorobenzene (DEP-SURR-019)	9.2	10	ug/L	1	92	11/26/19 19:37	GGL	11261917MB	30-170	

This report, which includes the attached Chain-Of-Custody, shall not be reported except in full, without written approval of the laboratory.

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ANALYTICAL REPORT

For Project:
Granville

NELAP Certified
FDOH # : **E83484**
Lab Received Date : **11/21/19 09:35**

Company Name: **Progressive Engineering and Construction**
Client's Name: **Brad Sperry**
Client's Address: **12402 N. 56th Street**
City: **Tampa**
State: **FL** Zip: **33617**

Facility ID: **NA**
Project Location: **Granville, Ohio**
Client's Phone: **813- 930-0669**
Client's Project Number: **P2347**
Lab Reporting Batch ID: **1911033**

********** Analytical Results **********

Client Sample ID: **Duplicate-1** Date Collected: **11/18/19 00:00** Matrix ID : **AQUEOUS-Groundwater**
Lab Sample ID: **1911033-003** Collected By: **Brad Sperry**

EPA Method 5030/8260B Volatile Organics in Water by GC-MS

Analyte Name (Analyte ID)	Results/Qual	Units	DF	MDL	PQL	Method	Analyzed Date	By	Batch	Notes
Benzene (71-43-2)	0.5 U	ug/L	1	0.5	1	EPA 8260	11/26/19 20:03	GGL	11261917MB	-
Bromobenzene (108-86-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 20:03	GGL	11261917MB	-
Bromoform (75-25-2)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 20:03	GGL	11261917MB	-
Bromomethane (74-83-9)	0.5 U	ug/L	1	0.5	1	EPA 8260	11/26/19 20:03	GGL	11261917MB	-
Carbon tetrachloride (56-23-5)	0.5 U	ug/L	1	0.5	1	EPA 8260	11/26/19 20:03	GGL	11261917MB	-
Chlorobenzene (108-90-7)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 20:03	GGL	11261917MB	-
Dibromochloromethane (124-48-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 20:03	GGL	11261917MB	-
Chloroethane (75-00-3)	0.5 U	ug/L	1	0.5	1	EPA 8260	11/26/19 20:03	GGL	11261917MB	-
Chloroform (67-66-3)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 20:03	GGL	11261917MB	-
Chloromethane (74-87-3)	0.5 U	ug/L	1	0.5	2	EPA 8260	11/26/19 20:03	GGL	11261917MB	-
2-Chlorotoluene (95-49-8)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 20:03	GGL	11261917MB	-
4-Chlorotoluene (106-43-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 20:03	GGL	11261917MB	-
cis-1,2-Dichloroethene (156-59-2)	***21***	ug/L	1	0.2	1	EPA 8260	11/26/19 20:03	GGL	11261917MB	-
cis-1,3-Dichloropropene (10061-01-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 20:03	GGL	11261917MB	-
Dibromomethane (74-95-3)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 20:03	GGL	11261917MB	-
1,2-Dichlorobenzene (95-50-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 20:03	GGL	11261917MB	-
1,3-Dichlorobenzene (541-73-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 20:03	GGL	11261917MB	-
1,4-Dichlorobenzene (106-46-7)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 20:03	GGL	11261917MB	-
Bromodichloromethane (75-27-4)	0.5 U	ug/L	1	0.5	1	EPA 8260	11/26/19 20:03	GGL	11261917MB	-
1,1-Dichloroethane (75-34-3)	***4.5***	ug/L	1	0.2	1	EPA 8260	11/26/19 20:03	GGL	11261917MB	-
1,2-Dichloroethane (107-06-2)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 20:03	GGL	11261917MB	-
1,1-Dichloroethene (75-35-4)	***5.4***	ug/L	1	0.2	1	EPA 8260	11/26/19 20:03	GGL	11261917MB	-
1,2-Dichloropropane (78-87-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 20:03	GGL	11261917MB	-
1,3-Dichloropropane (142-28-9)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 20:03	GGL	11261917MB	-
2,2-Dichloropropane (590-20-7)	0.5 U	ug/L	1	0.5	1	EPA 8260	11/26/19 20:03	GGL	11261917MB	-
1,1-Dichloropropene (563-58-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 20:03	GGL	11261917MB	-
Ethylbenzene (100-41-4)	0.5 U	ug/L	1	0.5	1	EPA 8260	11/26/19 20:03	GGL	11261917MB	-
Methylene chloride (75-09-2)	2 U	ug/L	1	2	5	EPA 8260	11/26/19 20:03	GGL	11261917MB	-
Methyl-t-butyl ether (1634-04-4)	0.5 U	ug/L	1	0.5	1	EPA 8260	11/26/19 20:03	GGL	11261917MB	-
Xylene, m,p- (108-38-3/106-42-3)	1 U	ug/L	1	1	2	EPA 8260	11/26/19 20:03	GGL	11261917MB	-
Xylene, o- (95-47-6)	0.5 U	ug/L	1	0.5	1	EPA 8260	11/26/19 20:03	GGL	11261917MB	-
Styrene (Phenylethylene) (100-42-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 20:03	GGL	11261917MB	-
1,1,1,2-Tetrachloroethane (630-20-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 20:03	GGL	11261917MB	-
1,1,2,2-Tetrachloroethane (79-34-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 20:03	GGL	11261917MB	-
Tetrachloroethene (127-18-4)	***16***	ug/L	1	0.2	1	EPA 8260	11/26/19 20:03	GGL	11261917MB	-
Toluene (108-88-3)	0.5 U	ug/L	1	0.5	1	EPA 8260	11/26/19 20:03	GGL	11261917MB	-
trans-1,2-Dichloroethene (156-60-5)	***1.5***	ug/L	1	0.2	1	EPA 8260	11/26/19 20:03	GGL	11261917MB	-
trans-1,3-Dichloropropene (10061-02-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 20:03	GGL	11261917MB	-
1,2,4-Trichlorobenzene (12-082-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 20:03	GGL	11261917MB	-
1,1,1-Trichloroethane (71-55-6)	***70***	ug/L	1	0.2	1	EPA 8260	11/26/19 20:03	GGL	11261917MB	-
1,1,2-Trichloroethane (79-00-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 20:03	GGL	11261917MB	-
Trichloroethene (79-01-6)	***83***	ug/L	1	0.2	1	EPA 8260	11/26/19 20:03	GGL	11261917MB	-
1,2,3-Trichloropropane (96-18-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 20:03	GGL	11261917MB	-
Vinyl chloride (75-01-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 20:03	GGL	11261917MB	-
Xylenes- Total (1330-20-7)	1.5 U	ug/L	1	1.5	3	EPA 8260	11/26/19 20:03	GGL	11261917MB	-

Surrogates	Result	SPK	Units	DF	%Rec	Analyzed Date	By	Batch	%Limits	Notes
Dibromofluoromethane (DEP-SURR-047)	10.4	10	ug/L	1	104	11/26/19 20:03	GGL	11261917MB	30-170	
1,2-Dichloroethane-d4 (DEP-SURR-002)	10.7	10	ug/L	1	107	11/26/19 20:03	GGL	11261917MB	30-170	
Toluene-d8 (DEP-SURR-038)	9.1	10	ug/L	1	91	11/26/19 20:03	GGL	11261917MB	70-130	
4-Bromofluorobenzene (DEP-SURR-019)	9.2	10	ug/L	1	92	11/26/19 20:03	GGL	11261917MB	30-170	

This report, which includes the attached Chain-Of-Custody, shall not be reported except in full, without written approval of the laboratory.

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ANALYTICAL REPORT

For Project:
Granville

NELAP Certified
FDOH # : **E83484**
Lab Received Date : **11/21/19 09:35**

Company Name: **Progressive Engineering and Construction**
Client's Name: **Brad Sperry**
Client's Address: **12402 N. 56th Street**
City: **Tampa**
State: **FL** Zip: **33617**

Facility ID: **NA**
Project Location: **Granville, Ohio**
Client's Phone: **813- 930-0669**
Client's Project Number: **P2347**
Lab Reporting Batch ID: **1911033**

********** Analytical Results **********

Client Sample ID: **MW-17(I)** Date Collected: **11/18/19 15:49** Matrix ID : **AQUEOUS-Groundwater**
Lab Sample ID: **1911033-004** Collected By: **Brad Sperry**

EPA Method 5030/8260B Volatile Organics in Water by GC-MS

Analyte Name (Analyte ID)	Results/Qual	Units	DF	MDL	PQL	Method	Analyzed Date	By	Batch	Notes
Benzene (71-43-2)	0.5 U	ug/L	1	0.5	1	EPA 8260	11/26/19 20:28	GGL	11261917MB	-
Bromobenzene (108-86-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 20:28	GGL	11261917MB	-
Bromoform (75-25-2)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 20:28	GGL	11261917MB	-
Bromomethane (74-83-9)	0.5 U	ug/L	1	0.5	1	EPA 8260	11/26/19 20:28	GGL	11261917MB	-
Carbon tetrachloride (56-23-5)	0.5 U	ug/L	1	0.5	1	EPA 8260	11/26/19 20:28	GGL	11261917MB	-
Chlorobenzene (108-90-7)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 20:28	GGL	11261917MB	-
Dibromochloromethane (124-48-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 20:28	GGL	11261917MB	-
Chloroethane (75-00-3)	0.5 U	ug/L	1	0.5	1	EPA 8260	11/26/19 20:28	GGL	11261917MB	-
Chloroform (67-66-3)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 20:28	GGL	11261917MB	-
Chloromethane (74-87-3)	0.5 U	ug/L	1	0.5	2	EPA 8260	11/26/19 20:28	GGL	11261917MB	-
2-Chlorotoluene (95-49-8)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 20:28	GGL	11261917MB	-
4-Chlorotoluene (106-43-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 20:28	GGL	11261917MB	-
cis-1,2-Dichloroethene (156-59-2)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 20:28	GGL	11261917MB	-
cis-1,3-Dichloropropene (10061-01-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 20:28	GGL	11261917MB	-
Dibromomethane (74-95-3)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 20:28	GGL	11261917MB	-
1,2-Dichlorobenzene (95-50-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 20:28	GGL	11261917MB	-
1,3-Dichlorobenzene (541-73-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 20:28	GGL	11261917MB	-
1,4-Dichlorobenzene (106-46-7)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 20:28	GGL	11261917MB	-
Bromodichloromethane (75-27-4)	0.5 U	ug/L	1	0.5	1	EPA 8260	11/26/19 20:28	GGL	11261917MB	-
1,1-Dichloroethane (75-34-3)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 20:28	GGL	11261917MB	-
1,2-Dichloroethane (107-06-2)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 20:28	GGL	11261917MB	-
1,1-Dichloroethene (75-35-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 20:28	GGL	11261917MB	-
1,2-Dichloropropane (78-87-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 20:28	GGL	11261917MB	-
1,3-Dichloropropane (142-28-9)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 20:28	GGL	11261917MB	-
2,2-Dichloropropane (590-20-7)	0.5 U	ug/L	1	0.5	1	EPA 8260	11/26/19 20:28	GGL	11261917MB	-
1,1-Dichloropropene (563-58-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 20:28	GGL	11261917MB	-
Ethylbenzene (100-41-4)	0.5 U	ug/L	1	0.5	1	EPA 8260	11/26/19 20:28	GGL	11261917MB	-
Methylene chloride (75-09-2)	2 U	ug/L	1	2	5	EPA 8260	11/26/19 20:28	GGL	11261917MB	-
Methyl-t-butyl ether (1634-04-4)	0.5 U	ug/L	1	0.5	1	EPA 8260	11/26/19 20:28	GGL	11261917MB	-
Xylene, m,p- (108-38-3/106-42-3)	1 U	ug/L	1	1	2	EPA 8260	11/26/19 20:28	GGL	11261917MB	-
Xylene, o- (95-47-6)	0.5 U	ug/L	1	0.5	1	EPA 8260	11/26/19 20:28	GGL	11261917MB	-
Styrene (Phenylethylene) (100-42-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 20:28	GGL	11261917MB	-
1,1,1,2-Tetrachloroethane (630-20-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 20:28	GGL	11261917MB	-
1,1,2,2-Tetrachloroethane (79-34-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 20:28	GGL	11261917MB	-
Tetrachloroethene (127-18-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 20:28	GGL	11261917MB	-
Toluene (108-88-3)	0.5 U	ug/L	1	0.5	1	EPA 8260	11/26/19 20:28	GGL	11261917MB	-
trans-1,2-Dichloroethene (156-60-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 20:28	GGL	11261917MB	-
trans-1,3-Dichloropropene (10061-02-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 20:28	GGL	11261917MB	-
1,2,4-Trichlorobenzene (12-082-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 20:28	GGL	11261917MB	-
1,1,1-Trichloroethane (71-55-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 20:28	GGL	11261917MB	-
1,1,2-Trichloroethane (79-00-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 20:28	GGL	11261917MB	-
Trichloroethene (79-01-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 20:28	GGL	11261917MB	-
1,2,3-Trichloropropane (96-18-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 20:28	GGL	11261917MB	-
Vinyl chloride (75-01-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 20:28	GGL	11261917MB	-
Xylenes- Total (1330-20-7)	1.5 U	ug/L	1	1.5	3	EPA 8260	11/26/19 20:28	GGL	11261917MB	-

Surrogates	Result	SPK	Units	DF	%Rec	Analyzed Date	By	Batch	%Limits	Notes
Dibromofluoromethane (DEP-SURR-047)	10.2	10	ug/L	1	102	11/26/19 20:28	GGL	11261917MB	30-170	
1,2-Dichloroethane-d4 (DEP-SURR-002)	10.5	10	ug/L	1	105	11/26/19 20:28	GGL	11261917MB	30-170	
Toluene-d8 (DEP-SURR-038)	8.9	10	ug/L	1	89	11/26/19 20:28	GGL	11261917MB	70-130	
4-Bromofluorobenzene (DEP-SURR-019)	8.9	10	ug/L	1	89	11/26/19 20:28	GGL	11261917MB	30-170	

This report, which includes the attached Chain-Of-Custody, shall not be reported except in full, without written approval of the laboratory.

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ANALYTICAL REPORT

For Project:
Granville

NELAP Certified
FDOH # : **E83484**
Lab Received Date : **11/21/19 09:35**

Company Name: **Progressive Engineering and Construction**
Client's Name: **Brad Sperry**
Client's Address: **12402 N. 56th Street**
City: **Tampa**
State: **FL** Zip: **33617**

Facility ID: **NA**
Project Location: **Granville, Ohio**
Client's Phone: **813- 930-0669**
Client's Project Number: **P2347**
Lab Reporting Batch ID: **1911033**

********** Analytical Results **********

Client Sample ID: **MW-16(S)** Date Collected: **11/18/19 16:18** Matrix ID : **AQUEOUS-Groundwater**
Lab Sample ID: **1911033-005** Collected By: **Brad Sperry**

EPA Method 5030/8260B Volatile Organics in Water by GC-MS

Analyte Name (Analyte ID)	Results/Qual	Units	DF	MDL	PQL	Method	Analyzed Date	By	Batch	Notes
Benzene (71-43-2)	0.5 U	ug/L	1	0.5	1	EPA 8260	11/26/19 20:54	GGL	11261917MB	-
Bromobenzene (108-86-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 20:54	GGL	11261917MB	-
Bromoform (75-25-2)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 20:54	GGL	11261917MB	-
Bromomethane (74-83-9)	0.5 U	ug/L	1	0.5	1	EPA 8260	11/26/19 20:54	GGL	11261917MB	-
Carbon tetrachloride (56-23-5)	0.5 U	ug/L	1	0.5	1	EPA 8260	11/26/19 20:54	GGL	11261917MB	-
Chlorobenzene (108-90-7)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 20:54	GGL	11261917MB	-
Dibromochloromethane (124-48-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 20:54	GGL	11261917MB	-
Chloroethane (75-00-3)	0.5 U	ug/L	1	0.5	1	EPA 8260	11/26/19 20:54	GGL	11261917MB	-
Chloroform (67-66-3)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 20:54	GGL	11261917MB	-
Chloromethane (74-87-3)	0.5 U	ug/L	1	0.5	2	EPA 8260	11/26/19 20:54	GGL	11261917MB	-
2-Chlorotoluene (95-49-8)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 20:54	GGL	11261917MB	-
4-Chlorotoluene (106-43-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 20:54	GGL	11261917MB	-
cis-1,2-Dichloroethene (156-59-2)	***2.7***	ug/L	1	0.2	1	EPA 8260	11/26/19 20:54	GGL	11261917MB	-
cis-1,3-Dichloropropene (10061-01-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 20:54	GGL	11261917MB	-
Dibromomethane (74-95-3)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 20:54	GGL	11261917MB	-
1,2-Dichlorobenzene (95-50-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 20:54	GGL	11261917MB	-
1,3-Dichlorobenzene (541-73-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 20:54	GGL	11261917MB	-
1,4-Dichlorobenzene (106-46-7)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 20:54	GGL	11261917MB	-
Bromodichloromethane (75-27-4)	0.5 U	ug/L	1	0.5	1	EPA 8260	11/26/19 20:54	GGL	11261917MB	-
1,1-Dichloroethane (75-34-3)	***1.1***	ug/L	1	0.2	1	EPA 8260	11/26/19 20:54	GGL	11261917MB	-
1,2-Dichloroethane (107-06-2)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 20:54	GGL	11261917MB	-
1,1-Dichloroethene (75-35-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 20:54	GGL	11261917MB	-
1,2-Dichloropropane (78-87-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 20:54	GGL	11261917MB	-
1,3-Dichloropropane (142-28-9)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 20:54	GGL	11261917MB	-
2,2-Dichloropropane (590-20-7)	0.5 U	ug/L	1	0.5	1	EPA 8260	11/26/19 20:54	GGL	11261917MB	-
1,1-Dichloropropene (563-58-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 20:54	GGL	11261917MB	-
Ethylbenzene (100-41-4)	0.5 U	ug/L	1	0.5	1	EPA 8260	11/26/19 20:54	GGL	11261917MB	-
Methylene chloride (75-09-2)	2 U	ug/L	1	2	5	EPA 8260	11/26/19 20:54	GGL	11261917MB	-
Methyl-t-butyl ether (1634-04-4)	0.5 U	ug/L	1	0.5	1	EPA 8260	11/26/19 20:54	GGL	11261917MB	-
Xylene, m,p- (108-38-3/106-42-3)	1 U	ug/L	1	1	2	EPA 8260	11/26/19 20:54	GGL	11261917MB	-
Xylene, o- (95-47-6)	0.5 U	ug/L	1	0.5	1	EPA 8260	11/26/19 20:54	GGL	11261917MB	-
Styrene (Phenylethylene) (100-42-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 20:54	GGL	11261917MB	-
1,1,1,2-Tetrachloroethane (630-20-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 20:54	GGL	11261917MB	-
1,1,2,2-Tetrachloroethane (79-34-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 20:54	GGL	11261917MB	-
Tetrachloroethene (127-18-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 20:54	GGL	11261917MB	-
Toluene (108-88-3)	0.5 U	ug/L	1	0.5	1	EPA 8260	11/26/19 20:54	GGL	11261917MB	-
trans-1,2-Dichloroethene (156-60-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 20:54	GGL	11261917MB	-
trans-1,3-Dichloropropene (10061-02-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 20:54	GGL	11261917MB	-
1,2,4-Trichlorobenzene (12-082-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 20:54	GGL	11261917MB	-
1,1,1-Trichloroethane (71-55-6)	***6.2***	ug/L	1	0.2	1	EPA 8260	11/26/19 20:54	GGL	11261917MB	-
1,1,2-Trichloroethane (79-00-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 20:54	GGL	11261917MB	-
Trichloroethene (79-01-6)	***5.1***	ug/L	1	0.2	1	EPA 8260	11/26/19 20:54	GGL	11261917MB	-
1,2,3-Trichloropropane (96-18-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 20:54	GGL	11261917MB	-
Vinyl chloride (75-01-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 20:54	GGL	11261917MB	-
Xylenes- Total (1330-20-7)	1.5 U	ug/L	1	1.5	3	EPA 8260	11/26/19 20:54	GGL	11261917MB	-

Surrogates	Result	SPK	Units	DF	%Rec	Analyzed Date	By	Batch	%Limits	Notes
Dibromofluoromethane (DEP-SURR-047)	10.2	10	ug/L	1	102	11/26/19 20:54	GGL	11261917MB	30-170	
1,2-Dichloroethane-d4 (DEP-SURR-002)	10.5	10	ug/L	1	105	11/26/19 20:54	GGL	11261917MB	30-170	
Toluene-d8 (DEP-SURR-038)	8.9	10	ug/L	1	89	11/26/19 20:54	GGL	11261917MB	70-130	
4-Bromofluorobenzene (DEP-SURR-019)	8.9	10	ug/L	1	89	11/26/19 20:54	GGL	11261917MB	30-170	

This report, which includes the attached Chain-Of-Custody, shall not be reported except in full, without written approval of the laboratory.

Southern Research Laboratories, Inc
2251 Lynx Lane, Suite 1
Orlando, Florida 32804
(407) 522-7100 / Fax (407) 522-7043

ANALYTICAL REPORT

For Project:
Granville

NELAP Certified
FDOH # : **E83484**
Lab Received Date : **11/21/19 09:35**

Company Name: **Progressive Engineering and Construction**
Client's Name: **Brad Sperry**
Client's Address: **12402 N. 56th Street**
City: **Tampa**
State: **FL** Zip: **33617**

Facility ID: **NA**
Project Location: **Granville, Ohio**
Client's Phone: **813- 930-0669**
Client's Project Number: **P2347**
Lab Reporting Batch ID: **1911033**

********** Analytical Results **********

Client Sample ID: **GSSMW-09(I)** Date Collected: **11/19/19 09:28** Matrix ID : **AQUEOUS-Groundwater**
Lab Sample ID: **1911033-006** Collected By: **Brad Sperry**

EPA Method 5030/8260B Volatile Organics in Water by GC-MS

Analyte Name (Analyte ID)	Results/Qual	Units	DF	MDL	PQL	Method	Analyzed Date	By	Batch	Notes
Benzene (71-43-2)	0.5 U	ug/L	1	0.5	1	EPA 8260	11/26/19 21:19	GGL	11261917MB	-
Bromobenzene (108-86-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 21:19	GGL	11261917MB	-
Bromoform (75-25-2)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 21:19	GGL	11261917MB	-
Bromomethane (74-83-9)	0.5 U	ug/L	1	0.5	1	EPA 8260	11/26/19 21:19	GGL	11261917MB	-
Carbon tetrachloride (56-23-5)	0.5 U	ug/L	1	0.5	1	EPA 8260	11/26/19 21:19	GGL	11261917MB	-
Chlorobenzene (108-90-7)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 21:19	GGL	11261917MB	-
Dibromochloromethane (124-48-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 21:19	GGL	11261917MB	-
Chloroethane (75-00-3)	0.5 U	ug/L	1	0.5	1	EPA 8260	11/26/19 21:19	GGL	11261917MB	-
Chloroform (67-66-3)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 21:19	GGL	11261917MB	-
Chloromethane (74-87-3)	0.5 U	ug/L	1	0.5	2	EPA 8260	11/26/19 21:19	GGL	11261917MB	-
2-Chlorotoluene (95-49-8)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 21:19	GGL	11261917MB	-
4-Chlorotoluene (106-43-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 21:19	GGL	11261917MB	-
cis-1,2-Dichloroethene (156-59-2)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 21:19	GGL	11261917MB	-
cis-1,3-Dichloropropene (10061-01-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 21:19	GGL	11261917MB	-
Dibromomethane (74-95-3)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 21:19	GGL	11261917MB	-
1,2-Dichlorobenzene (95-50-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 21:19	GGL	11261917MB	-
1,3-Dichlorobenzene (541-73-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 21:19	GGL	11261917MB	-
1,4-Dichlorobenzene (106-46-7)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 21:19	GGL	11261917MB	-
Bromodichloromethane (75-27-4)	0.5 U	ug/L	1	0.5	1	EPA 8260	11/26/19 21:19	GGL	11261917MB	-
1,1-Dichloroethane (75-34-3)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 21:19	GGL	11261917MB	-
1,2-Dichloroethane (107-06-2)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 21:19	GGL	11261917MB	-
1,1-Dichloroethene (75-35-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 21:19	GGL	11261917MB	-
1,2-Dichloropropane (78-87-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 21:19	GGL	11261917MB	-
1,3-Dichloropropane (142-28-9)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 21:19	GGL	11261917MB	-
2,2-Dichloropropane (590-20-7)	0.5 U	ug/L	1	0.5	1	EPA 8260	11/26/19 21:19	GGL	11261917MB	-
1,1-Dichloropropene (563-58-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 21:19	GGL	11261917MB	-
Ethylbenzene (100-41-4)	0.5 U	ug/L	1	0.5	1	EPA 8260	11/26/19 21:19	GGL	11261917MB	-
Methylene chloride (75-09-2)	2 U	ug/L	1	2	5	EPA 8260	11/26/19 21:19	GGL	11261917MB	-
Methyl-t-butyl ether (1634-04-4)	0.5 U	ug/L	1	0.5	1	EPA 8260	11/26/19 21:19	GGL	11261917MB	-
Xylene, m,p- (108-38-3/106-42-3)	1 U	ug/L	1	1	2	EPA 8260	11/26/19 21:19	GGL	11261917MB	-
Xylene, o- (95-47-6)	0.5 U	ug/L	1	0.5	1	EPA 8260	11/26/19 21:19	GGL	11261917MB	-
Styrene (Phenylethylene) (100-42-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 21:19	GGL	11261917MB	-
1,1,1,2-Tetrachloroethane (630-20-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 21:19	GGL	11261917MB	-
1,1,2,2-Tetrachloroethane (79-34-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 21:19	GGL	11261917MB	-
Tetrachloroethene (127-18-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 21:19	GGL	11261917MB	-
Toluene (108-88-3)	0.5 U	ug/L	1	0.5	1	EPA 8260	11/26/19 21:19	GGL	11261917MB	-
trans-1,2-Dichloroethene (156-60-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 21:19	GGL	11261917MB	-
trans-1,3-Dichloropropene (10061-02-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 21:19	GGL	11261917MB	-
1,2,4-Trichlorobenzene (12-082-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 21:19	GGL	11261917MB	-
1,1,1-Trichloroethane (71-55-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 21:19	GGL	11261917MB	-
1,1,2-Trichloroethane (79-00-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 21:19	GGL	11261917MB	-
Trichloroethene (79-01-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 21:19	GGL	11261917MB	-
1,2,3-Trichloropropane (96-18-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 21:19	GGL	11261917MB	-
Vinyl chloride (75-01-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 21:19	GGL	11261917MB	-
Xylenes- Total (1330-20-7)	1.5 U	ug/L	1	1.5	3	EPA 8260	11/26/19 21:19	GGL	11261917MB	-

Surrogates	Result	SPK	Units	DF	%Rec	Analyzed Date	By	Batch	%Limits	Notes
Dibromofluoromethane (DEP-SURR-047)	10.1	10	ug/L	1	101	11/26/19 21:19	GGL	11261917MB	30-170	
1,2-Dichloroethane-d4 (DEP-SURR-002)	10.8	10	ug/L	1	108	11/26/19 21:19	GGL	11261917MB	30-170	
Toluene-d8 (DEP-SURR-038)	8.7	10	ug/L	1	87	11/26/19 21:19	GGL	11261917MB	70-130	
4-Bromofluorobenzene (DEP-SURR-019)	8.8	10	ug/L	1	88	11/26/19 21:19	GGL	11261917MB	30-170	

This report, which includes the attached Chain-Of-Custody, shall not be reported except in full, without written approval of the laboratory.

Southern Research Laboratories, Inc
2251 Lynx Lane, Suite 1
Orlando, Florida 32804
(407) 522-7100 / Fax (407) 522-7043

ANALYTICAL REPORT

For Project:
Granville

NELAP Certified
FDOH # : **E83484**
Lab Received Date : **11/21/19 09:35**

Company Name: **Progressive Engineering and Construction**
Client's Name: **Brad Sperry**
Client's Address: **12402 N. 56th Street**
City: **Tampa**
State: **FL** Zip: **33617**

Facility ID: **NA**
Project Location: **Granville, Ohio**
Client's Phone: **813- 930-0669**
Client's Project Number: **P2347**
Lab Reporting Batch ID: **1911033**

********** Analytical Results **********

Client Sample ID: **MW-07(D)** Date Collected: **11/19/19 09:58** Matrix ID : **AQUEOUS-Groundwater**
Lab Sample ID: **1911033-007** Collected By: **Brad Sperry**

EPA Method 5030/8260B Volatile Organics in Water by GC-MS

Analyte Name (Analyte ID)	Results/Qual	Units	DF	MDL	PQL	Method	Analyzed Date	By	Batch	Notes
Benzene (71-43-2)	0.5 U	ug/L	1	0.5	1	EPA 8260	11/26/19 21:44	GGL	11261917MB	-
Bromobenzene (108-86-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 21:44	GGL	11261917MB	-
Bromoform (75-25-2)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 21:44	GGL	11261917MB	-
Bromomethane (74-83-9)	0.5 U	ug/L	1	0.5	1	EPA 8260	11/26/19 21:44	GGL	11261917MB	-
Carbon tetrachloride (56-23-5)	0.5 U	ug/L	1	0.5	1	EPA 8260	11/26/19 21:44	GGL	11261917MB	-
Chlorobenzene (108-90-7)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 21:44	GGL	11261917MB	-
Dibromochloromethane (124-48-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 21:44	GGL	11261917MB	-
Chloroethane (75-00-3)	0.5 U	ug/L	1	0.5	1	EPA 8260	11/26/19 21:44	GGL	11261917MB	-
Chloroform (67-66-3)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 21:44	GGL	11261917MB	-
Chloromethane (74-87-3)	0.5 U	ug/L	1	0.5	2	EPA 8260	11/26/19 21:44	GGL	11261917MB	-
2-Chlorotoluene (95-49-8)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 21:44	GGL	11261917MB	-
4-Chlorotoluene (106-43-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 21:44	GGL	11261917MB	-
cis-1,2-Dichloroethene (156-59-2)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 21:44	GGL	11261917MB	-
cis-1,3-Dichloropropene (10061-01-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 21:44	GGL	11261917MB	-
Dibromomethane (74-95-3)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 21:44	GGL	11261917MB	-
1,2-Dichlorobenzene (95-50-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 21:44	GGL	11261917MB	-
1,3-Dichlorobenzene (541-73-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 21:44	GGL	11261917MB	-
1,4-Dichlorobenzene (106-46-7)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 21:44	GGL	11261917MB	-
Bromodichloromethane (75-27-4)	0.5 U	ug/L	1	0.5	1	EPA 8260	11/26/19 21:44	GGL	11261917MB	-
1,1-Dichloroethane (75-34-3)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 21:44	GGL	11261917MB	-
1,2-Dichloroethane (107-06-2)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 21:44	GGL	11261917MB	-
1,1-Dichloroethene (75-35-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 21:44	GGL	11261917MB	-
1,2-Dichloropropane (78-87-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 21:44	GGL	11261917MB	-
1,3-Dichloropropane (142-28-9)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 21:44	GGL	11261917MB	-
2,2-Dichloropropane (590-20-7)	0.5 U	ug/L	1	0.5	1	EPA 8260	11/26/19 21:44	GGL	11261917MB	-
1,1-Dichloropropene (563-58-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 21:44	GGL	11261917MB	-
Ethylbenzene (100-41-4)	0.5 U	ug/L	1	0.5	1	EPA 8260	11/26/19 21:44	GGL	11261917MB	-
Methylene chloride (75-09-2)	2 U	ug/L	1	2	5	EPA 8260	11/26/19 21:44	GGL	11261917MB	-
Methyl-t-butyl ether (1634-04-4)	0.5 U	ug/L	1	0.5	1	EPA 8260	11/26/19 21:44	GGL	11261917MB	-
Xylene, m,p- (108-38-3/106-42-3)	1 U	ug/L	1	1	2	EPA 8260	11/26/19 21:44	GGL	11261917MB	-
Xylene, o- (95-47-6)	0.5 U	ug/L	1	0.5	1	EPA 8260	11/26/19 21:44	GGL	11261917MB	-
Styrene (Phenylethylene) (100-42-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 21:44	GGL	11261917MB	-
1,1,1,2-Tetrachloroethane (630-20-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 21:44	GGL	11261917MB	-
1,1,2,2-Tetrachloroethane (79-34-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 21:44	GGL	11261917MB	-
Tetrachloroethene (127-18-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 21:44	GGL	11261917MB	-
Toluene (108-88-3)	0.5 U	ug/L	1	0.5	1	EPA 8260	11/26/19 21:44	GGL	11261917MB	-
trans-1,2-Dichloroethene (156-60-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 21:44	GGL	11261917MB	-
trans-1,3-Dichloropropene (10061-02-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 21:44	GGL	11261917MB	-
1,2,4-Trichlorobenzene (12-082-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 21:44	GGL	11261917MB	-
1,1,1-Trichloroethane (71-55-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 21:44	GGL	11261917MB	-
1,1,2-Trichloroethane (79-00-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 21:44	GGL	11261917MB	-
Trichloroethene (79-01-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 21:44	GGL	11261917MB	-
1,2,3-Trichloropropane (96-18-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 21:44	GGL	11261917MB	-
Vinyl chloride (75-01-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 21:44	GGL	11261917MB	-
Xylenes- Total (1330-20-7)	1.5 U	ug/L	1	1.5	3	EPA 8260	11/26/19 21:44	GGL	11261917MB	-

Surrogates	Result	SPK	Units	DF	%Rec	Analyzed Date	By	Batch	%Limits	Notes
Dibromofluoromethane (DEP-SURR-047)	10.1	10	ug/L	1	101	11/26/19 21:44	GGL	11261917MB	30-170	
1,2-Dichloroethane-d4 (DEP-SURR-002)	10.8	10	ug/L	1	108	11/26/19 21:44	GGL	11261917MB	30-170	
Toluene-d8 (DEP-SURR-038)	8.9	10	ug/L	1	89	11/26/19 21:44	GGL	11261917MB	70-130	
4-Bromofluorobenzene (DEP-SURR-019)	8.8	10	ug/L	1	88	11/26/19 21:44	GGL	11261917MB	30-170	

This report, which includes the attached Chain-Of-Custody, shall not be reported except in full, without written approval of the laboratory.

Southern Research Laboratories, Inc
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Orlando, Florida 32804
(407) 522-7100 / Fax (407) 522-7043

ANALYTICAL REPORT

For Project:
Granville

NELAP Certified
FDOH # : **E83484**
Lab Received Date : **11/21/19 09:35**

Company Name: **Progressive Engineering and Construction**
Client's Name: **Brad Sperry**
Client's Address: **12402 N. 56th Street**
City: **Tampa**
State: **FL** Zip: **33617**

Facility ID: **NA**
Project Location: **Granville, Ohio**
Client's Phone: **813- 930-0669**
Client's Project Number: **P2347**
Lab Reporting Batch ID: **1911033**

********** Analytical Results **********

Client Sample ID: **GSSMW-08(I)** Date Collected: **11/19/19 10:30** Matrix ID : **AQUEOUS-Groundwater**
Lab Sample ID: **1911033-010** Collected By: **Brad Sperry**

EPA Method 5030/8260B Volatile Organics in Water by GC-MS

Analyte Name (Analyte ID)	Results/Qual	Units	DF	MDL	PQL	Method	Analyzed Date	By	Batch	Notes
Benzene (71-43-2)	0.5 U	ug/L	1	0.5	1	EPA 8260	11/26/19 23:26	GGL	11261917MB	-
Bromobenzene (108-86-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 23:26	GGL	11261917MB	-
Bromoform (75-25-2)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 23:26	GGL	11261917MB	-
Bromomethane (74-83-9)	0.5 U	ug/L	1	0.5	1	EPA 8260	11/26/19 23:26	GGL	11261917MB	-
Carbon tetrachloride (56-23-5)	0.5 U	ug/L	1	0.5	1	EPA 8260	11/26/19 23:26	GGL	11261917MB	-
Chlorobenzene (108-90-7)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 23:26	GGL	11261917MB	-
Dibromochloromethane (124-48-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 23:26	GGL	11261917MB	-
Chloroethane (75-00-3)	0.5 U	ug/L	1	0.5	1	EPA 8260	11/26/19 23:26	GGL	11261917MB	-
Chloroform (67-66-3)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 23:26	GGL	11261917MB	-
Chloromethane (74-87-3)	0.5 U	ug/L	1	0.5	2	EPA 8260	11/26/19 23:26	GGL	11261917MB	-
2-Chlorotoluene (95-49-8)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 23:26	GGL	11261917MB	-
4-Chlorotoluene (106-43-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 23:26	GGL	11261917MB	-
cis-1,2-Dichloroethene (156-59-2)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 23:26	GGL	11261917MB	-
cis-1,3-Dichloropropene (10061-01-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 23:26	GGL	11261917MB	-
Dibromomethane (74-95-3)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 23:26	GGL	11261917MB	-
1,2-Dichlorobenzene (95-50-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 23:26	GGL	11261917MB	-
1,3-Dichlorobenzene (541-73-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 23:26	GGL	11261917MB	-
1,4-Dichlorobenzene (106-46-7)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 23:26	GGL	11261917MB	-
Bromodichloromethane (75-27-4)	0.5 U	ug/L	1	0.5	1	EPA 8260	11/26/19 23:26	GGL	11261917MB	-
1,1-Dichloroethane (75-34-3)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 23:26	GGL	11261917MB	-
1,2-Dichloroethane (107-06-2)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 23:26	GGL	11261917MB	-
1,1-Dichloroethene (75-35-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 23:26	GGL	11261917MB	-
1,2-Dichloropropane (78-87-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 23:26	GGL	11261917MB	-
1,3-Dichloropropane (142-28-9)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 23:26	GGL	11261917MB	-
2,2-Dichloropropane (590-20-7)	0.5 U	ug/L	1	0.5	1	EPA 8260	11/26/19 23:26	GGL	11261917MB	-
1,1-Dichloropropene (563-58-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 23:26	GGL	11261917MB	-
Ethylbenzene (100-41-4)	0.5 U	ug/L	1	0.5	1	EPA 8260	11/26/19 23:26	GGL	11261917MB	-
Methylene chloride (75-09-2)	2 U	ug/L	1	2	5	EPA 8260	11/26/19 23:26	GGL	11261917MB	-
Methyl-t-butyl ether (1634-04-4)	0.5 U	ug/L	1	0.5	1	EPA 8260	11/26/19 23:26	GGL	11261917MB	-
Xylene, m,p- (108-38-3/106-42-3)	1 U	ug/L	1	1	2	EPA 8260	11/26/19 23:26	GGL	11261917MB	-
Xylene, o- (95-47-6)	0.5 U	ug/L	1	0.5	1	EPA 8260	11/26/19 23:26	GGL	11261917MB	-
Styrene (Phenylethylene) (100-42-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 23:26	GGL	11261917MB	-
1,1,1,2-Tetrachloroethane (630-20-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 23:26	GGL	11261917MB	-
1,1,2,2-Tetrachloroethane (79-34-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 23:26	GGL	11261917MB	-
Tetrachloroethene (127-18-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 23:26	GGL	11261917MB	-
Toluene (108-88-3)	0.5 U	ug/L	1	0.5	1	EPA 8260	11/26/19 23:26	GGL	11261917MB	-
trans-1,2-Dichloroethene (156-60-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 23:26	GGL	11261917MB	-
trans-1,3-Dichloropropene (10061-02-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 23:26	GGL	11261917MB	-
1,2,4-Trichlorobenzene (12-082-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 23:26	GGL	11261917MB	-
1,1,1-Trichloroethane (71-55-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 23:26	GGL	11261917MB	-
1,1,2-Trichloroethane (79-00-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 23:26	GGL	11261917MB	-
Trichloroethene (79-01-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 23:26	GGL	11261917MB	-
1,2,3-Trichloropropane (96-18-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 23:26	GGL	11261917MB	-
Vinyl chloride (75-01-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 23:26	GGL	11261917MB	-
Xylenes- Total (1330-20-7)	1.5 U	ug/L	1	1.5	3	EPA 8260	11/26/19 23:26	GGL	11261917MB	-

Surrogates	Result	SPK	Units	DF	%Rec	Analyzed Date	By	Batch	%Limits	Notes
Dibromofluoromethane (DEP-SURR-047)	10.1	10	ug/L	1	101	11/26/19 23:26	GGL	11261917MB	30-170	
1,2-Dichloroethane-d4 (DEP-SURR-002)	10.8	10	ug/L	1	108	11/26/19 23:26	GGL	11261917MB	30-170	
Toluene-d8 (DEP-SURR-038)	8.9	10	ug/L	1	89	11/26/19 23:26	GGL	11261917MB	70-130	
4-Bromofluorobenzene (DEP-SURR-019)	8.7	10	ug/L	1	87	11/26/19 23:26	GGL	11261917MB	30-170	

This report, which includes the attached Chain-Of-Custody, shall not be reported except in full, without written approval of the laboratory.

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ANALYTICAL REPORT

For Project:
Granville

NELAP Certified
FDOH # : **E83484**
Lab Received Date : **11/21/19 09:35**

Company Name: **Progressive Engineering and Construction**
Client's Name: **Brad Sperry**
Client's Address: **12402 N. 56th Street**
City: **Tampa**
State: **FL** Zip: **33617**

Facility ID: **NA**
Project Location: **Granville, Ohio**
Client's Phone: **813- 930-0669**
Client's Project Number: **P2347**
Lab Reporting Batch ID: **1911033**

********** Analytical Results **********

Client Sample ID: **MW-04DR(S)** Date Collected: **11/19/19 11:16** Matrix ID : **AQUEOUS-Groundwater**
Lab Sample ID: **1911033-011** Collected By: **Brad Sperry**

EPA Method 5030/8260B Volatile Organics in Water by GC-MS

Analyte Name (Analyte ID)	Results/Qual	Units	DF	MDL	PQL	Method	Analyzed Date	By	Batch	Notes
Benzene (71-43-2)	0.5 U	ug/L	1	0.5	1	EPA 8260	11/26/19 23:51	GGL	11261917MB	-
Bromobenzene (108-86-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 23:51	GGL	11261917MB	-
Bromoform (75-25-2)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 23:51	GGL	11261917MB	-
Bromomethane (74-83-9)	0.5 U	ug/L	1	0.5	1	EPA 8260	11/26/19 23:51	GGL	11261917MB	-
Carbon tetrachloride (56-23-5)	0.5 U	ug/L	1	0.5	1	EPA 8260	11/26/19 23:51	GGL	11261917MB	-
Chlorobenzene (108-90-7)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 23:51	GGL	11261917MB	-
Dibromochloromethane (124-48-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 23:51	GGL	11261917MB	-
Chloroethane (75-00-3)	0.5 U	ug/L	1	0.5	1	EPA 8260	11/26/19 23:51	GGL	11261917MB	-
Chloroform (67-66-3)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 23:51	GGL	11261917MB	-
Chloromethane (74-87-3)	0.5 U	ug/L	1	0.5	2	EPA 8260	11/26/19 23:51	GGL	11261917MB	-
2-Chlorotoluene (95-49-8)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 23:51	GGL	11261917MB	-
4-Chlorotoluene (106-43-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 23:51	GGL	11261917MB	-
cis-1,2-Dichloroethene (156-59-2)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 23:51	GGL	11261917MB	-
cis-1,3-Dichloropropene (10061-01-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 23:51	GGL	11261917MB	-
Dibromomethane (74-95-3)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 23:51	GGL	11261917MB	-
1,2-Dichlorobenzene (95-50-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 23:51	GGL	11261917MB	-
1,3-Dichlorobenzene (541-73-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 23:51	GGL	11261917MB	-
1,4-Dichlorobenzene (106-46-7)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 23:51	GGL	11261917MB	-
Bromodichloromethane (75-27-4)	0.5 U	ug/L	1	0.5	1	EPA 8260	11/26/19 23:51	GGL	11261917MB	-
1,1-Dichloroethane (75-34-3)	***6.8***	ug/L	1	0.2	1	EPA 8260	11/26/19 23:51	GGL	11261917MB	-
1,2-Dichloroethane (107-06-2)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 23:51	GGL	11261917MB	-
1,1-Dichloroethene (75-35-4)	***2.5***	ug/L	1	0.2	1	EPA 8260	11/26/19 23:51	GGL	11261917MB	-
1,2-Dichloropropane (78-87-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 23:51	GGL	11261917MB	-
1,3-Dichloropropane (142-28-9)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 23:51	GGL	11261917MB	-
2,2-Dichloropropane (590-20-7)	0.5 U	ug/L	1	0.5	1	EPA 8260	11/26/19 23:51	GGL	11261917MB	-
1,1-Dichloropropene (563-58-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 23:51	GGL	11261917MB	-
Ethylbenzene (100-41-4)	0.5 U	ug/L	1	0.5	1	EPA 8260	11/26/19 23:51	GGL	11261917MB	-
Methylene chloride (75-09-2)	2 U	ug/L	1	2	5	EPA 8260	11/26/19 23:51	GGL	11261917MB	-
Methyl-t-butyl ether (1634-04-4)	0.5 U	ug/L	1	0.5	1	EPA 8260	11/26/19 23:51	GGL	11261917MB	-
Xylene, m,p- (108-38-3/106-42-3)	1 U	ug/L	1	1	2	EPA 8260	11/26/19 23:51	GGL	11261917MB	-
Xylene, o- (95-47-6)	0.5 U	ug/L	1	0.5	1	EPA 8260	11/26/19 23:51	GGL	11261917MB	-
Styrene (Phenylethylene) (100-42-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 23:51	GGL	11261917MB	-
1,1,1,2-Tetrachloroethane (630-20-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 23:51	GGL	11261917MB	-
1,1,2,2-Tetrachloroethane (79-34-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 23:51	GGL	11261917MB	-
Tetrachloroethene (127-18-4)	***23***	ug/L	1	0.2	1	EPA 8260	11/26/19 23:51	GGL	11261917MB	-
Toluene (108-88-3)	0.5 U	ug/L	1	0.5	1	EPA 8260	11/26/19 23:51	GGL	11261917MB	-
trans-1,2-Dichloroethene (156-60-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 23:51	GGL	11261917MB	-
trans-1,3-Dichloropropene (10061-02-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 23:51	GGL	11261917MB	-
1,2,4-Trichlorobenzene (12-082-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 23:51	GGL	11261917MB	-
1,1,1-Trichloroethane (71-55-6)	***29***	ug/L	1	0.2	1	EPA 8260	11/26/19 23:51	GGL	11261917MB	-
1,1,2-Trichloroethane (79-00-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 23:51	GGL	11261917MB	-
Trichloroethene (79-01-6)	***70***	ug/L	1	0.2	1	EPA 8260	11/26/19 23:51	GGL	11261917MB	-
1,2,3-Trichloropropane (96-18-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 23:51	GGL	11261917MB	-
Vinyl chloride (75-01-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 23:51	GGL	11261917MB	-
Xylenes- Total (1330-20-7)	1.5 U	ug/L	1	1.5	3	EPA 8260	11/26/19 23:51	GGL	11261917MB	-

Surrogates	Result	SPK	Units	DF	%Rec	Analyzed Date	By	Batch	%Limits	Notes
Dibromofluoromethane (DEP-SURR-047)	10.3	10	ug/L	1	103	11/26/19 23:51	GGL	11261917MB	30-170	
1,2-Dichloroethane-d4 (DEP-SURR-002)	10.8	10	ug/L	1	108	11/26/19 23:51	GGL	11261917MB	30-170	
Toluene-d8 (DEP-SURR-038)	9.1	10	ug/L	1	91	11/26/19 23:51	GGL	11261917MB	70-130	
4-Bromofluorobenzene (DEP-SURR-019)	8.7	10	ug/L	1	87	11/26/19 23:51	GGL	11261917MB	30-170	

This report, which includes the attached Chain-Of-Custody, shall not be reported except in full, without written approval of the laboratory.

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ANALYTICAL REPORT

For Project:
Granville

NELAP Certified
FDOH # : **E83484**
Lab Received Date : **11/21/19 09:35**

Company Name: **Progressive Engineering and Construction**
Client's Name: **Brad Sperry**
Client's Address: **12402 N. 56th Street**
City: **Tampa**
State: **FL** Zip: **33617**

Facility ID: **NA**
Project Location: **Granville, Ohio**
Client's Phone: **813- 930-0669**
Client's Project Number: **P2347**
Lab Reporting Batch ID: **1911033**

********** Analytical Results **********

Client Sample ID: **MW-04D2(I)** Date Collected: **11/19/19 11:42** Matrix ID : **AQUEOUS-Groundwater**
Lab Sample ID: **1911033-012** Collected By: **Brad Sperry**

EPA Method 5030/8260B Volatile Organics in Water by GC-MS

Analyte Name (Analyte ID)	Results/Qual	Units	DF	MDL	PQL	Method	Analyzed Date	By	Batch	Notes
Benzene (71-43-2)	0.5 U	ug/L	1	0.5	1	EPA 8260	11/27/19 00:17	GGL	11261917MB	-
Bromobenzene (108-86-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/27/19 00:17	GGL	11261917MB	-
Bromoform (75-25-2)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/27/19 00:17	GGL	11261917MB	-
Bromomethane (74-83-9)	0.5 U	ug/L	1	0.5	1	EPA 8260	11/27/19 00:17	GGL	11261917MB	-
Carbon tetrachloride (56-23-5)	0.5 U	ug/L	1	0.5	1	EPA 8260	11/27/19 00:17	GGL	11261917MB	-
Chlorobenzene (108-90-7)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/27/19 00:17	GGL	11261917MB	-
Dibromochloromethane (124-48-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/27/19 00:17	GGL	11261917MB	-
Chloroethane (75-00-3)	0.5 U	ug/L	1	0.5	1	EPA 8260	11/27/19 00:17	GGL	11261917MB	-
Chloroform (67-66-3)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/27/19 00:17	GGL	11261917MB	-
Chloromethane (74-87-3)	0.5 U	ug/L	1	0.5	2	EPA 8260	11/27/19 00:17	GGL	11261917MB	-
2-Chlorotoluene (95-49-8)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/27/19 00:17	GGL	11261917MB	-
4-Chlorotoluene (106-43-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/27/19 00:17	GGL	11261917MB	-
cis-1,2-Dichloroethene (156-59-2)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/27/19 00:17	GGL	11261917MB	-
cis-1,3-Dichloropropene (10061-01-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/27/19 00:17	GGL	11261917MB	-
Dibromomethane (74-95-3)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/27/19 00:17	GGL	11261917MB	-
1,2-Dichlorobenzene (95-50-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/27/19 00:17	GGL	11261917MB	-
1,3-Dichlorobenzene (541-73-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/27/19 00:17	GGL	11261917MB	-
1,4-Dichlorobenzene (106-46-7)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/27/19 00:17	GGL	11261917MB	-
Bromodichloromethane (75-27-4)	0.5 U	ug/L	1	0.5	1	EPA 8260	11/27/19 00:17	GGL	11261917MB	-
1,1-Dichloroethane (75-34-3)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/27/19 00:17	GGL	11261917MB	-
1,2-Dichloroethane (107-06-2)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/27/19 00:17	GGL	11261917MB	-
1,1-Dichloroethene (75-35-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/27/19 00:17	GGL	11261917MB	-
1,2-Dichloropropane (78-87-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/27/19 00:17	GGL	11261917MB	-
1,3-Dichloropropane (142-28-9)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/27/19 00:17	GGL	11261917MB	-
2,2-Dichloropropane (590-20-7)	0.5 U	ug/L	1	0.5	1	EPA 8260	11/27/19 00:17	GGL	11261917MB	-
1,1-Dichloropropene (563-58-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/27/19 00:17	GGL	11261917MB	-
Ethylbenzene (100-41-4)	0.5 U	ug/L	1	0.5	1	EPA 8260	11/27/19 00:17	GGL	11261917MB	-
Methylene chloride (75-09-2)	2 U	ug/L	1	2	5	EPA 8260	11/27/19 00:17	GGL	11261917MB	-
Methyl-t-butyl ether (1634-04-4)	0.5 U	ug/L	1	0.5	1	EPA 8260	11/27/19 00:17	GGL	11261917MB	-
Xylene, m,p- (108-38-3/106-42-3)	1 U	ug/L	1	1	2	EPA 8260	11/27/19 00:17	GGL	11261917MB	-
Xylene, o- (95-47-6)	0.5 U	ug/L	1	0.5	1	EPA 8260	11/27/19 00:17	GGL	11261917MB	-
Styrene (Phenylethylene) (100-42-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/27/19 00:17	GGL	11261917MB	-
1,1,1,2-Tetrachloroethane (630-20-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/27/19 00:17	GGL	11261917MB	-
1,1,2,2-Tetrachloroethane (79-34-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/27/19 00:17	GGL	11261917MB	-
Tetrachloroethene (127-18-4)	***0.91 J***	ug/L	1	0.2	1	EPA 8260	11/27/19 00:17	GGL	11261917MB	-
Toluene (108-88-3)	0.5 U	ug/L	1	0.5	1	EPA 8260	11/27/19 00:17	GGL	11261917MB	-
trans-1,2-Dichloroethene (156-60-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/27/19 00:17	GGL	11261917MB	-
trans-1,3-Dichloropropene (10061-02-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/27/19 00:17	GGL	11261917MB	-
1,2,4-Trichlorobenzene (12-082-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/27/19 00:17	GGL	11261917MB	-
1,1,1-Trichloroethane (71-55-6)	***1.1***	ug/L	1	0.2	1	EPA 8260	11/27/19 00:17	GGL	11261917MB	-
1,1,2-Trichloroethane (79-00-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/27/19 00:17	GGL	11261917MB	-
Trichloroethene (79-01-6)	***0.46 J***	ug/L	1	0.2	1	EPA 8260	11/27/19 00:17	GGL	11261917MB	-
1,2,3-Trichloropropane (96-18-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/27/19 00:17	GGL	11261917MB	-
Vinyl chloride (75-01-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/27/19 00:17	GGL	11261917MB	-
Xylenes- Total (1330-20-7)	1.5 U	ug/L	1	1.5	3	EPA 8260	11/27/19 00:17	GGL	11261917MB	-

Surrogates	Result	SPK	Units	DF	%Rec	Analyzed Date	By	Batch	%Limits	Notes
Dibromofluoromethane (DEP-SURR-047)	9.9	10	ug/L	1	99	11/27/19 00:17	GGL	11261917MB	30-170	
1,2-Dichloroethane-d4 (DEP-SURR-002)	10.8	10	ug/L	1	108	11/27/19 00:17	GGL	11261917MB	30-170	
Toluene-d8 (DEP-SURR-038)	8.8	10	ug/L	1	88	11/27/19 00:17	GGL	11261917MB	70-130	
4-Bromofluorobenzene (DEP-SURR-019)	8.7	10	ug/L	1	87	11/27/19 00:17	GGL	11261917MB	30-170	

This report, which includes the attached Chain-Of-Custody, shall not be reported except in full, without written approval of the laboratory.

Southern Research Laboratories, Inc
2251 Lynx Lane, Suite 1
Orlando, Florida 32804
(407) 522-7100 / Fax (407) 522-7043

ANALYTICAL REPORT

For Project:
Granville

NELAP Certified
FDOH # : **E83484**
Lab Received Date : **11/21/19 09:35**

Company Name: **Progressive Engineering and Construction**
Client's Name: **Brad Sperry**
Client's Address: **12402 N. 56th Street**
City: **Tampa**
State: **FL** Zip: **33617**

Facility ID: **NA**
Project Location: **Granville, Ohio**
Client's Phone: **813- 930-0669**
Client's Project Number: **P2347**
Lab Reporting Batch ID: **1911033**

********** Analytical Results **********

Client Sample ID: **GSSMW-12(D)** Date Collected: **11/19/19 13:25** Matrix ID : **AQUEOUS-Groundwater**
Lab Sample ID: **1911033-013** Collected By: **Brad Sperry**

EPA Method 5030/8260B Volatile Organics in Water by GC-MS

Analyte Name (Analyte ID)	Results/Qual	Units	DF	MDL	PQL	Method	Analyzed Date	By	Batch	Notes
Benzene (71-43-2)	0.5 U	ug/L	1	0.5	1	EPA 8260	11/27/19 00:42	GGL	11261917MB	-
Bromobenzene (108-86-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/27/19 00:42	GGL	11261917MB	-
Bromoform (75-25-2)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/27/19 00:42	GGL	11261917MB	-
Bromomethane (74-83-9)	0.5 U	ug/L	1	0.5	1	EPA 8260	11/27/19 00:42	GGL	11261917MB	-
Carbon tetrachloride (56-23-5)	0.5 U	ug/L	1	0.5	1	EPA 8260	11/27/19 00:42	GGL	11261917MB	-
Chlorobenzene (108-90-7)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/27/19 00:42	GGL	11261917MB	-
Dibromochloromethane (124-48-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/27/19 00:42	GGL	11261917MB	-
Chloroethane (75-00-3)	0.5 U	ug/L	1	0.5	1	EPA 8260	11/27/19 00:42	GGL	11261917MB	-
Chloroform (67-66-3)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/27/19 00:42	GGL	11261917MB	-
Chloromethane (74-87-3)	0.5 U	ug/L	1	0.5	2	EPA 8260	11/27/19 00:42	GGL	11261917MB	-
2-Chlorotoluene (95-49-8)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/27/19 00:42	GGL	11261917MB	-
4-Chlorotoluene (106-43-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/27/19 00:42	GGL	11261917MB	-
cis-1,2-Dichloroethene (156-59-2)	***2.4***	ug/L	1	0.2	1	EPA 8260	11/27/19 00:42	GGL	11261917MB	-
cis-1,3-Dichloropropene (10061-01-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/27/19 00:42	GGL	11261917MB	-
Dibromomethane (74-95-3)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/27/19 00:42	GGL	11261917MB	-
1,2-Dichlorobenzene (95-50-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/27/19 00:42	GGL	11261917MB	-
1,3-Dichlorobenzene (541-73-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/27/19 00:42	GGL	11261917MB	-
1,4-Dichlorobenzene (106-46-7)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/27/19 00:42	GGL	11261917MB	-
Bromodichloromethane (75-27-4)	0.5 U	ug/L	1	0.5	1	EPA 8260	11/27/19 00:42	GGL	11261917MB	-
1,1-Dichloroethane (75-34-3)	***1.4***	ug/L	1	0.2	1	EPA 8260	11/27/19 00:42	GGL	11261917MB	-
1,2-Dichloroethane (107-06-2)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/27/19 00:42	GGL	11261917MB	-
1,1-Dichloroethene (75-35-4)	***2.9***	ug/L	1	0.2	1	EPA 8260	11/27/19 00:42	GGL	11261917MB	-
1,2-Dichloropropane (78-87-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/27/19 00:42	GGL	11261917MB	-
1,3-Dichloropropane (142-28-9)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/27/19 00:42	GGL	11261917MB	-
2,2-Dichloropropane (590-20-7)	0.5 U	ug/L	1	0.5	1	EPA 8260	11/27/19 00:42	GGL	11261917MB	-
1,1-Dichloropropene (563-58-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/27/19 00:42	GGL	11261917MB	-
Ethylbenzene (100-41-4)	0.5 U	ug/L	1	0.5	1	EPA 8260	11/27/19 00:42	GGL	11261917MB	-
Methylene chloride (75-09-2)	2 U	ug/L	1	2	5	EPA 8260	11/27/19 00:42	GGL	11261917MB	-
Methyl-t-butyl ether (1634-04-4)	0.5 U	ug/L	1	0.5	1	EPA 8260	11/27/19 00:42	GGL	11261917MB	-
Xylene, m,p- (108-38-3/106-42-3)	1 U	ug/L	1	1	2	EPA 8260	11/27/19 00:42	GGL	11261917MB	-
Xylene, o- (95-47-6)	0.5 U	ug/L	1	0.5	1	EPA 8260	11/27/19 00:42	GGL	11261917MB	-
Styrene (Phenylethylene) (100-42-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/27/19 00:42	GGL	11261917MB	-
1,1,1,2-Tetrachloroethane (630-20-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/27/19 00:42	GGL	11261917MB	-
1,1,2,2-Tetrachloroethane (79-34-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/27/19 00:42	GGL	11261917MB	-
Tetrachloroethene (127-18-4)	***7.5***	ug/L	1	0.2	1	EPA 8260	11/27/19 00:42	GGL	11261917MB	-
Toluene (108-88-3)	0.5 U	ug/L	1	0.5	1	EPA 8260	11/27/19 00:42	GGL	11261917MB	-
trans-1,2-Dichloroethene (156-60-5)	***0.34 J***	ug/L	1	0.2	1	EPA 8260	11/27/19 00:42	GGL	11261917MB	-
trans-1,3-Dichloropropene (10061-02-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/27/19 00:42	GGL	11261917MB	-
1,2,4-Trichlorobenzene (12-082-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/27/19 00:42	GGL	11261917MB	-
1,1,1-Trichloroethane (71-55-6)	***36***	ug/L	1	0.2	1	EPA 8260	11/27/19 00:42	GGL	11261917MB	-
1,1,2-Trichloroethane (79-00-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/27/19 00:42	GGL	11261917MB	-
Trichloroethene (79-01-6)	***34***	ug/L	1	0.2	1	EPA 8260	11/27/19 00:42	GGL	11261917MB	-
1,2,3-Trichloropropane (96-18-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/27/19 00:42	GGL	11261917MB	-
Vinyl chloride (75-01-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/27/19 00:42	GGL	11261917MB	-
Xylenes- Total (1330-20-7)	1.5 U	ug/L	1	1.5	3	EPA 8260	11/27/19 00:42	GGL	11261917MB	-

Surrogates	Result	SPK	Units	DF	%Rec	Analyzed Date	By	Batch	%Limits	Notes
Dibromofluoromethane (DEP-SURR-047)	10.4	10	ug/L	1	104	11/27/19 00:42	GGL	11261917MB	30-170	
1,2-Dichloroethane-d4 (DEP-SURR-002)	10.9	10	ug/L	1	109	11/27/19 00:42	GGL	11261917MB	30-170	
Toluene-d8 (DEP-SURR-038)	8.9	10	ug/L	1	89	11/27/19 00:42	GGL	11261917MB	70-130	
4-Bromofluorobenzene (DEP-SURR-019)	8.7	10	ug/L	1	87	11/27/19 00:42	GGL	11261917MB	30-170	

This report, which includes the attached Chain-Of-Custody, shall not be reported except in full, without written approval of the laboratory.

Southern Research Laboratories, Inc
2251 Lynx Lane, Suite 1
Orlando, Florida 32804
(407) 522-7100 / Fax (407) 522-7043

ANALYTICAL REPORT

For Project:
Granville

NELAP Certified
FDOH # : **E83484**
Lab Received Date : **11/21/19 09:35**

Company Name: **Progressive Engineering and Construction**
Client's Name: **Brad Sperry**
Client's Address: **12402 N. 56th Street**
City: **Tampa**
State: **FL** Zip: **33617**

Facility ID: **NA**
Project Location: **Granville, Ohio**
Client's Phone: **813- 930-0669**
Client's Project Number: **P2347**
Lab Reporting Batch ID: **1911033**

********** Analytical Results **********

Client Sample ID: **MW-02(S)** Date Collected: **11/19/19 13:53** Matrix ID : **AQUEOUS-Groundwater**
Lab Sample ID: **1911033-014** Collected By: **Brad Sperry**

EPA Method 5030/8260B Volatile Organics in Water by GC-MS

Analyte Name (Analyte ID)	Results/Qual	Units	DF	MDL	PQL	Method	Analyzed Date	By	Batch		Notes
Benzene (71-43-2)	0.5 U	ug/L	1	0.5	1	EPA 8260	11/27/19 01:08	GGL	11261917MB	-	
Bromobenzene (108-86-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/27/19 01:08	GGL	11261917MB	-	
Bromoform (75-25-2)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/27/19 01:08	GGL	11261917MB	-	
Bromomethane (74-83-9)	0.5 U	ug/L	1	0.5	1	EPA 8260	11/27/19 01:08	GGL	11261917MB	-	
Carbon tetrachloride (56-23-5)	0.5 U	ug/L	1	0.5	1	EPA 8260	11/27/19 01:08	GGL	11261917MB	-	
Chlorobenzene (108-90-7)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/27/19 01:08	GGL	11261917MB	-	
Dibromochloromethane (124-48-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/27/19 01:08	GGL	11261917MB	-	
Chloroethane (75-00-3)	0.5 U	ug/L	1	0.5	1	EPA 8260	11/27/19 01:08	GGL	11261917MB	-	
Chloroform (67-66-3)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/27/19 01:08	GGL	11261917MB	-	
Chloromethane (74-87-3)	0.5 U	ug/L	1	0.5	2	EPA 8260	11/27/19 01:08	GGL	11261917MB	-	
2-Chlorotoluene (95-49-8)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/27/19 01:08	GGL	11261917MB	-	
4-Chlorotoluene (106-43-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/27/19 01:08	GGL	11261917MB	-	
cis-1,2-Dichloroethene (156-59-2)	***20***	ug/L	1	0.2	1	EPA 8260	11/27/19 01:08	GGL	11261917MB	-	
cis-1,3-Dichloropropene (10061-01-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/27/19 01:08	GGL	11261917MB	-	
Dibromomethane (74-95-3)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/27/19 01:08	GGL	11261917MB	-	
1,2-Dichlorobenzene (95-50-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/27/19 01:08	GGL	11261917MB	-	
1,3-Dichlorobenzene (541-73-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/27/19 01:08	GGL	11261917MB	-	
1,4-Dichlorobenzene (106-46-7)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/27/19 01:08	GGL	11261917MB	-	
Bromodichloromethane (75-27-4)	0.5 U	ug/L	1	0.5	1	EPA 8260	11/27/19 01:08	GGL	11261917MB	-	
1,1-Dichloroethane (75-34-3)	***7.9***	ug/L	1	0.2	1	EPA 8260	11/27/19 01:08	GGL	11261917MB	-	
1,2-Dichloroethane (107-06-2)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/27/19 01:08	GGL	11261917MB	-	
1,1-Dichloroethene (75-35-4)	***9.1***	ug/L	1	0.2	1	EPA 8260	11/27/19 01:08	GGL	11261917MB	-	
1,2-Dichloropropane (78-87-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/27/19 01:08	GGL	11261917MB	-	
1,3-Dichloropropane (142-28-9)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/27/19 01:08	GGL	11261917MB	-	
2,2-Dichloropropane (590-20-7)	0.5 U	ug/L	1	0.5	1	EPA 8260	11/27/19 01:08	GGL	11261917MB	-	
1,1-Dichloropropene (563-58-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/27/19 01:08	GGL	11261917MB	-	
Ethylbenzene (100-41-4)	0.5 U	ug/L	1	0.5	1	EPA 8260	11/27/19 01:08	GGL	11261917MB	-	
Methylene chloride (75-09-2)	2 U	ug/L	1	2	5	EPA 8260	11/27/19 01:08	GGL	11261917MB	-	
Methyl-t-butyl ether (1634-04-4)	0.5 U	ug/L	1	0.5	1	EPA 8260	11/27/19 01:08	GGL	11261917MB	-	
Xylene, m,p- (108-38-3/106-42-3)	1 U	ug/L	1	1	2	EPA 8260	11/27/19 01:08	GGL	11261917MB	-	
Xylene, o- (95-47-6)	0.5 U	ug/L	1	0.5	1	EPA 8260	11/27/19 01:08	GGL	11261917MB	-	
Styrene (Phenylethylene) (100-42-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/27/19 01:08	GGL	11261917MB	-	
1,1,1,2-Tetrachloroethane (630-20-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/27/19 01:08	GGL	11261917MB	-	
1,1,2,2-Tetrachloroethane (79-34-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/27/19 01:08	GGL	11261917MB	-	
Tetrachloroethene (127-18-4)	***160***	ug/L	10	0	0	EPA 8260	11/27/19 01:08	GGL	11261917MB	-	D10
Toluene (108-88-3)	0.5 U	ug/L	1	0.5	1	EPA 8260	11/27/19 01:08	GGL	11261917MB	-	
trans-1,2-Dichloroethene (156-60-5)	***1.5***	ug/L	1	0.2	1	EPA 8260	11/27/19 01:08	GGL	11261917MB	-	
trans-1,3-Dichloropropene (10061-02-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/27/19 01:08	GGL	11261917MB	-	
1,2,4-Trichlorobenzene (12-082-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/27/19 01:08	GGL	11261917MB	-	
1,1,1-Trichloroethane (71-55-6)	***200***	ug/L	10	0	0	EPA 8260	11/27/19 01:08	GGL	11261917MB	-	D10
1,1,2-Trichloroethane (79-00-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/27/19 01:08	GGL	11261917MB	-	
Trichloroethene (79-01-6)	***440***	ug/L	10	0	0	EPA 8260	11/27/19 01:08	GGL	11261917MB	-	D10
1,2,3-Trichloropropane (96-18-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/27/19 01:08	GGL	11261917MB	-	
Vinyl chloride (75-01-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/27/19 01:08	GGL	11261917MB	-	
Xylenes- Total (1330-20-7)	1.5 U	ug/L	1	1.5	3	EPA 8260	11/27/19 01:08	GGL	11261917MB	-	

Surrogates	Result	SPK	Units	DF	%Rec	Analyzed Date	By	Batch	%Limits	Notes
Dibromofluoromethane (DEP-SURR-047)	10.2	10	ug/L	1	102	11/27/19 01:08	GGL	11261917MB	30-170	
1,2-Dichloroethane-d4 (DEP-SURR-002)	10.7	10	ug/L	1	107	11/27/19 01:08	GGL	11261917MB	30-170	
Toluene-d8 (DEP-SURR-038)	8.9	10	ug/L	1	89	11/27/19 01:08	GGL	11261917MB	70-130	
4-Bromofluorobenzene (DEP-SURR-019)	8.8	10	ug/L	1	88	11/27/19 01:08	GGL	11261917MB	30-170	

This report, which includes the attached Chain-Of-Custody, shall not be reported except in full, without written approval of the laboratory.

Southern Research Laboratories, Inc
2251 Lynx Lane, Suite 1
Orlando, Florida 32804
(407) 522-7100 / Fax (407) 522-7043

ANALYTICAL REPORT

For Project:
Granville

NELAP Certified
FDOH # : **E83484**
Lab Received Date : **11/21/19 09:35**

Company Name: **Progressive Engineering and Construction**
Client's Name: **Brad Sperry**
Client's Address: **12402 N. 56th Street**
City: **Tampa**
State: **FL** Zip: **33617**

Facility ID: **NA**
Project Location: **Granville, Ohio**
Client's Phone: **813- 930-0669**
Client's Project Number: **P2347**
Lab Reporting Batch ID: **1911033**

********** Analytical Results **********

Client Sample ID: **Duplicate-2** Date Collected: **11/19/19 00:00** Matrix ID : **AQUEOUS-Groundwater**
Lab Sample ID: **1911033-015** Collected By: **Brad Sperry**

EPA Method 5030/8260B Volatile Organics in Water by GC-MS

Analyte Name (Analyte ID)	Results/Qual	Units	DF	MDL	PQL	Method	Analyzed Date	By	Batch		Notes
Benzene (71-43-2)	0.5 U	ug/L	1	0.5	1	EPA 8260	11/27/19 01:33	GGL	11261917MB	-	
Bromobenzene (108-86-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/27/19 01:33	GGL	11261917MB	-	
Bromoform (75-25-2)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/27/19 01:33	GGL	11261917MB	-	
Bromomethane (74-83-9)	0.5 U	ug/L	1	0.5	1	EPA 8260	11/27/19 01:33	GGL	11261917MB	-	
Carbon tetrachloride (56-23-5)	0.5 U	ug/L	1	0.5	1	EPA 8260	11/27/19 01:33	GGL	11261917MB	-	
Chlorobenzene (108-90-7)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/27/19 01:33	GGL	11261917MB	-	
Dibromochloromethane (124-48-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/27/19 01:33	GGL	11261917MB	-	
Chloroethane (75-00-3)	0.5 U	ug/L	1	0.5	1	EPA 8260	11/27/19 01:33	GGL	11261917MB	-	
Chloroform (67-66-3)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/27/19 01:33	GGL	11261917MB	-	
Chloromethane (74-87-3)	0.5 U	ug/L	1	0.5	2	EPA 8260	11/27/19 01:33	GGL	11261917MB	-	
2-Chlorotoluene (95-49-8)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/27/19 01:33	GGL	11261917MB	-	
4-Chlorotoluene (106-43-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/27/19 01:33	GGL	11261917MB	-	
cis-1,2-Dichloroethene (156-59-2)	***20***	ug/L	1	0.2	1	EPA 8260	11/27/19 01:33	GGL	11261917MB	-	
cis-1,3-Dichloropropene (10061-01-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/27/19 01:33	GGL	11261917MB	-	
Dibromomethane (74-95-3)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/27/19 01:33	GGL	11261917MB	-	
1,2-Dichlorobenzene (95-50-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/27/19 01:33	GGL	11261917MB	-	
1,3-Dichlorobenzene (541-73-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/27/19 01:33	GGL	11261917MB	-	
1,4-Dichlorobenzene (106-46-7)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/27/19 01:33	GGL	11261917MB	-	
Bromodichloromethane (75-27-4)	0.5 U	ug/L	1	0.5	1	EPA 8260	11/27/19 01:33	GGL	11261917MB	-	
1,1-Dichloroethane (75-34-3)	***7.7***	ug/L	1	0.2	1	EPA 8260	11/27/19 01:33	GGL	11261917MB	-	
1,2-Dichloroethane (107-06-2)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/27/19 01:33	GGL	11261917MB	-	
1,1-Dichloroethene (75-35-4)	***8.8***	ug/L	1	0.2	1	EPA 8260	11/27/19 01:33	GGL	11261917MB	-	
1,2-Dichloropropane (78-87-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/27/19 01:33	GGL	11261917MB	-	
1,3-Dichloropropane (142-28-9)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/27/19 01:33	GGL	11261917MB	-	
2,2-Dichloropropane (590-20-7)	0.5 U	ug/L	1	0.5	1	EPA 8260	11/27/19 01:33	GGL	11261917MB	-	
1,1-Dichloropropene (563-58-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/27/19 01:33	GGL	11261917MB	-	
Ethylbenzene (100-41-4)	0.5 U	ug/L	1	0.5	1	EPA 8260	11/27/19 01:33	GGL	11261917MB	-	
Methylene chloride (75-09-2)	2 U	ug/L	1	2	5	EPA 8260	11/27/19 01:33	GGL	11261917MB	-	
Methyl-t-butyl ether (1634-04-4)	0.5 U	ug/L	1	0.5	1	EPA 8260	11/27/19 01:33	GGL	11261917MB	-	
Xylene, m,p- (108-38-3/106-42-3)	1 U	ug/L	1	1	2	EPA 8260	11/27/19 01:33	GGL	11261917MB	-	
Xylene, o- (95-47-6)	0.5 U	ug/L	1	0.5	1	EPA 8260	11/27/19 01:33	GGL	11261917MB	-	
Styrene (Phenylethylene) (100-42-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/27/19 01:33	GGL	11261917MB	-	
1,1,1,2-Tetrachloroethane (630-20-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/27/19 01:33	GGL	11261917MB	-	
1,1,2,2-Tetrachloroethane (79-34-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/27/19 01:33	GGL	11261917MB	-	
Tetrachloroethene (127-18-4)	***160***	ug/L	10	0	0	EPA 8260	11/27/19 01:33	GGL	11261917MB	-	D10
Toluene (108-88-3)	0.5 U	ug/L	1	0.5	1	EPA 8260	11/27/19 01:33	GGL	11261917MB	-	
trans-1,2-Dichloroethene (156-60-5)	***1.5***	ug/L	1	0.2	1	EPA 8260	11/27/19 01:33	GGL	11261917MB	-	
trans-1,3-Dichloropropene (10061-02-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/27/19 01:33	GGL	11261917MB	-	
1,2,4-Trichlorobenzene (12-082-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/27/19 01:33	GGL	11261917MB	-	
1,1,1-Trichloroethane (71-55-6)	***210***	ug/L	10	0	0	EPA 8260	11/27/19 01:33	GGL	11261917MB	-	D10
1,1,2-Trichloroethane (79-00-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/27/19 01:33	GGL	11261917MB	-	
Trichloroethene (79-01-6)	***460***	ug/L	10	0	0	EPA 8260	11/27/19 01:33	GGL	11261917MB	-	D10
1,2,3-Trichloropropane (96-18-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/27/19 01:33	GGL	11261917MB	-	
Vinyl chloride (75-01-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/27/19 01:33	GGL	11261917MB	-	
Xylenes- Total (1330-20-7)	1.5 U	ug/L	1	1.5	3	EPA 8260	11/27/19 01:33	GGL	11261917MB	-	

Surrogates	Result	SPK	Units	DF	%Rec	Analyzed Date	By	Batch	%Limits	Notes
Dibromofluoromethane (DEP-SURR-047)	10.4	10	ug/L	1	104	11/27/19 01:33	GGL	11261917MB	30-170	
1,2-Dichloroethane-d4 (DEP-SURR-002)	10.7	10	ug/L	1	107	11/27/19 01:33	GGL	11261917MB	30-170	
Toluene-d8 (DEP-SURR-038)	8.9	10	ug/L	1	89	11/27/19 01:33	GGL	11261917MB	70-130	
4-Bromofluorobenzene (DEP-SURR-019)	8.9	10	ug/L	1	89	11/27/19 01:33	GGL	11261917MB	30-170	

This report, which includes the attached Chain-Of-Custody, shall not be reported except in full, without written approval of the laboratory.

Southern Research Laboratories, Inc
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Orlando, Florida 32804
(407) 522-7100 / Fax (407) 522-7043

ANALYTICAL REPORT

For Project:
Granville

NELAP Certified
FDOH # : **E83484**
Lab Received Date : **11/21/19 09:35**

Company Name: **Progressive Engineering and Construction**
Client's Name: **Brad Sperry**
Client's Address: **12402 N. 56th Street**
City: **Tampa**
State: **FL** Zip: **33617**

Facility ID: **NA**
Project Location: **Granville, Ohio**
Client's Phone: **813- 930-0669**
Client's Project Number: **P2347**
Lab Reporting Batch ID: **1911033**

********** Analytical Results **********

Client Sample ID: **MW-02D(I)** Date Collected: **11/19/19 14:22** Matrix ID : **AQUEOUS-Groundwater**
Lab Sample ID: **1911033-016** Collected By: **Brad Sperry**

EPA Method 5030/8260B Volatile Organics in Water by GC-MS

Analyte Name (Analyte ID)	Results/Qual	Units	DF	MDL	PQL	Method	Analyzed Date	By	Batch		Notes
Benzene (71-43-2)	0.5 U	ug/L	1	0.5	1	EPA 8260	11/27/19 01:59	GGL	11261917MB	-	
Bromobenzene (108-86-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/27/19 01:59	GGL	11261917MB	-	
Bromoform (75-25-2)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/27/19 01:59	GGL	11261917MB	-	
Bromomethane (74-83-9)	0.5 U	ug/L	1	0.5	1	EPA 8260	11/27/19 01:59	GGL	11261917MB	-	
Carbon tetrachloride (56-23-5)	0.5 U	ug/L	1	0.5	1	EPA 8260	11/27/19 01:59	GGL	11261917MB	-	
Chlorobenzene (108-90-7)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/27/19 01:59	GGL	11261917MB	-	
Dibromochloromethane (124-48-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/27/19 01:59	GGL	11261917MB	-	
Chloroethane (75-00-3)	0.5 U	ug/L	1	0.5	1	EPA 8260	11/27/19 01:59	GGL	11261917MB	-	
Chloroform (67-66-3)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/27/19 01:59	GGL	11261917MB	-	
Chloromethane (74-87-3)	0.5 U	ug/L	1	0.5	2	EPA 8260	11/27/19 01:59	GGL	11261917MB	-	
2-Chlorotoluene (95-49-8)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/27/19 01:59	GGL	11261917MB	-	
4-Chlorotoluene (106-43-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/27/19 01:59	GGL	11261917MB	-	
cis-1,2-Dichloroethene (156-59-2)	***17***	ug/L	1	0.2	1	EPA 8260	11/27/19 01:59	GGL	11261917MB	-	
cis-1,3-Dichloropropene (10061-01-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/27/19 01:59	GGL	11261917MB	-	
Dibromomethane (74-95-3)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/27/19 01:59	GGL	11261917MB	-	
1,2-Dichlorobenzene (95-50-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/27/19 01:59	GGL	11261917MB	-	
1,3-Dichlorobenzene (541-73-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/27/19 01:59	GGL	11261917MB	-	
1,4-Dichlorobenzene (106-46-7)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/27/19 01:59	GGL	11261917MB	-	
Bromodichloromethane (75-27-4)	0.5 U	ug/L	1	0.5	1	EPA 8260	11/27/19 01:59	GGL	11261917MB	-	
1,1-Dichloroethane (75-34-3)	***5.9***	ug/L	1	0.2	1	EPA 8260	11/27/19 01:59	GGL	11261917MB	-	
1,2-Dichloroethane (107-06-2)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/27/19 01:59	GGL	11261917MB	-	
1,1-Dichloroethene (75-35-4)	***11***	ug/L	1	0.2	1	EPA 8260	11/27/19 01:59	GGL	11261917MB	-	
1,2-Dichloropropane (78-87-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/27/19 01:59	GGL	11261917MB	-	
1,3-Dichloropropane (142-28-9)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/27/19 01:59	GGL	11261917MB	-	
2,2-Dichloropropane (590-20-7)	0.5 U	ug/L	1	0.5	1	EPA 8260	11/27/19 01:59	GGL	11261917MB	-	
1,1-Dichloropropene (563-58-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/27/19 01:59	GGL	11261917MB	-	
Ethylbenzene (100-41-4)	0.5 U	ug/L	1	0.5	1	EPA 8260	11/27/19 01:59	GGL	11261917MB	-	
Methylene chloride (75-09-2)	2 U	ug/L	1	2	5	EPA 8260	11/27/19 01:59	GGL	11261917MB	-	
Methyl-t-butyl ether (1634-04-4)	0.5 U	ug/L	1	0.5	1	EPA 8260	11/27/19 01:59	GGL	11261917MB	-	
Xylene, m,p- (108-38-3/106-42-3)	1 U	ug/L	1	1	2	EPA 8260	11/27/19 01:59	GGL	11261917MB	-	
Xylene, o- (95-47-6)	0.5 U	ug/L	1	0.5	1	EPA 8260	11/27/19 01:59	GGL	11261917MB	-	
Styrene (Phenylethylene) (100-42-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/27/19 01:59	GGL	11261917MB	-	
1,1,1,2-Tetrachloroethane (630-20-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/27/19 01:59	GGL	11261917MB	-	
1,1,2,2-Tetrachloroethane (79-34-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/27/19 01:59	GGL	11261917MB	-	
Tetrachloroethene (127-18-4)	***240***	ug/L	20	0	0	EPA 8260	11/27/19 01:59	GGL	11261917MB	-	D20
Toluene (108-88-3)	0.5 U	ug/L	1	0.5	1	EPA 8260	11/27/19 01:59	GGL	11261917MB	-	
trans-1,2-Dichloroethene (156-60-5)	***1.3***	ug/L	1	0.2	1	EPA 8260	11/27/19 01:59	GGL	11261917MB	-	
trans-1,3-Dichloropropene (10061-02-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/27/19 01:59	GGL	11261917MB	-	
1,2,4-Trichlorobenzene (12-082-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/27/19 01:59	GGL	11261917MB	-	
1,1,1-Trichloroethane (71-55-6)	***270***	ug/L	20	0	0	EPA 8260	11/27/19 01:59	GGL	11261917MB	-	D20
1,1,2-Trichloroethane (79-00-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/27/19 01:59	GGL	11261917MB	-	
Trichloroethene (79-01-6)	***620***	ug/L	20	0	0	EPA 8260	11/27/19 01:59	GGL	11261917MB	-	D20
1,2,3-Trichloropropane (96-18-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/27/19 01:59	GGL	11261917MB	-	
Vinyl chloride (75-01-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/27/19 01:59	GGL	11261917MB	-	
Xylenes- Total (1330-20-7)	1.5 U	ug/L	1	1.5	3	EPA 8260	11/27/19 01:59	GGL	11261917MB	-	

Surrogates	Result	SPK	Units	DF	%Rec	Analyzed Date	By	Batch	%Limits	Notes
Dibromofluoromethane (DEP-SURR-047)	10.6	10	ug/L	1	106	11/27/19 01:59	GGL	11261917MB	30-170	
1,2-Dichloroethane-d4 (DEP-SURR-002)	10.9	10	ug/L	1	109	11/27/19 01:59	GGL	11261917MB	30-170	
Toluene-d8 (DEP-SURR-038)	8.9	10	ug/L	1	89	11/27/19 01:59	GGL	11261917MB	70-130	
4-Bromofluorobenzene (DEP-SURR-019)	8.9	10	ug/L	1	89	11/27/19 01:59	GGL	11261917MB	30-170	

This report, which includes the attached Chain-Of-Custody, shall not be reported except in full, without written approval of the laboratory.

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Orlando, Florida 32804
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ANALYTICAL REPORT

For Project:
Granville

NELAP Certified
FDOH # : **E83484**
Lab Received Date : **11/21/19 09:35**

Company Name: **Progressive Engineering and Construction**
Client's Name: **Brad Sperry**
Client's Address: **12402 N. 56th Street**
City: **Tampa**
State: **FL** Zip: **33617**

Facility ID: **NA**
Project Location: **Granville, Ohio**
Client's Phone: **813- 930-0669**
Client's Project Number: **P2347**
Lab Reporting Batch ID: **1911033**

********** Analytical Results **********

Client Sample ID: **Equipment Blank** Date Collected: **11/19/19 15:00** Matrix ID : **AQUEOUS-Other**
Lab Sample ID: **1911033-017** Collected By: **Brad Sperry**

EPA Method 5030/8260B Volatile Organics in Water by GC-MS

Analyte Name (Analyte ID)	Results/Qual	Units	DF	MDL	PQL	Method	Analyzed Date	By	Batch	Notes
Benzene (71-43-2)	0.5 U	ug/L	1	0.5	1	EPA 8260	11/26/19 23:00	GGL	11261917MB	-
Bromobenzene (108-86-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 23:00	GGL	11261917MB	-
Bromoform (75-25-2)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 23:00	GGL	11261917MB	-
Bromomethane (74-83-9)	0.5 U	ug/L	1	0.5	1	EPA 8260	11/26/19 23:00	GGL	11261917MB	-
Carbon tetrachloride (56-23-5)	0.5 U	ug/L	1	0.5	1	EPA 8260	11/26/19 23:00	GGL	11261917MB	-
Chlorobenzene (108-90-7)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 23:00	GGL	11261917MB	-
Dibromochloromethane (124-48-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 23:00	GGL	11261917MB	-
Chloroethane (75-00-3)	0.5 U	ug/L	1	0.5	1	EPA 8260	11/26/19 23:00	GGL	11261917MB	-
Chloroform (67-66-3)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 23:00	GGL	11261917MB	-
Chloromethane (74-87-3)	0.5 U	ug/L	1	0.5	2	EPA 8260	11/26/19 23:00	GGL	11261917MB	-
2-Chlorotoluene (95-49-8)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 23:00	GGL	11261917MB	-
4-Chlorotoluene (106-43-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 23:00	GGL	11261917MB	-
cis-1,2-Dichloroethene (156-59-2)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 23:00	GGL	11261917MB	-
cis-1,3-Dichloropropene (10061-01-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 23:00	GGL	11261917MB	-
Dibromomethane (74-95-3)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 23:00	GGL	11261917MB	-
1,2-Dichlorobenzene (95-50-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 23:00	GGL	11261917MB	-
1,3-Dichlorobenzene (541-73-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 23:00	GGL	11261917MB	-
1,4-Dichlorobenzene (106-46-7)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 23:00	GGL	11261917MB	-
Bromodichloromethane (75-27-4)	0.5 U	ug/L	1	0.5	1	EPA 8260	11/26/19 23:00	GGL	11261917MB	-
1,1-Dichloroethane (75-34-3)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 23:00	GGL	11261917MB	-
1,2-Dichloroethane (107-06-2)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 23:00	GGL	11261917MB	-
1,1-Dichloroethene (75-35-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 23:00	GGL	11261917MB	-
1,2-Dichloropropane (78-87-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 23:00	GGL	11261917MB	-
1,3-Dichloropropane (142-28-9)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 23:00	GGL	11261917MB	-
2,2-Dichloropropane (590-20-7)	0.5 U	ug/L	1	0.5	1	EPA 8260	11/26/19 23:00	GGL	11261917MB	-
1,1-Dichloropropene (563-58-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 23:00	GGL	11261917MB	-
Ethylbenzene (100-41-4)	0.5 U	ug/L	1	0.5	1	EPA 8260	11/26/19 23:00	GGL	11261917MB	-
Methylene chloride (75-09-2)	2 U	ug/L	1	2	5	EPA 8260	11/26/19 23:00	GGL	11261917MB	-
Methyl-t-butyl ether (1634-04-4)	0.5 U	ug/L	1	0.5	1	EPA 8260	11/26/19 23:00	GGL	11261917MB	-
Xylene, m,p- (108-38-3/106-42-3)	1 U	ug/L	1	1	2	EPA 8260	11/26/19 23:00	GGL	11261917MB	-
Xylene, o- (95-47-6)	0.5 U	ug/L	1	0.5	1	EPA 8260	11/26/19 23:00	GGL	11261917MB	-
Styrene (Phenylethylene) (100-42-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 23:00	GGL	11261917MB	-
1,1,1,2-Tetrachloroethane (630-20-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 23:00	GGL	11261917MB	-
1,1,2,2-Tetrachloroethane (79-34-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 23:00	GGL	11261917MB	-
Tetrachloroethene (127-18-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 23:00	GGL	11261917MB	-
Toluene (108-88-3)	0.5 U	ug/L	1	0.5	1	EPA 8260	11/26/19 23:00	GGL	11261917MB	-
trans-1,2-Dichloroethene (156-60-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 23:00	GGL	11261917MB	-
trans-1,3-Dichloropropene (10061-02-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 23:00	GGL	11261917MB	-
1,2,4-Trichlorobenzene (12-082-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 23:00	GGL	11261917MB	-
1,1,1-Trichloroethane (71-55-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 23:00	GGL	11261917MB	-
1,1,2-Trichloroethane (79-00-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 23:00	GGL	11261917MB	-
Trichloroethene (79-01-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 23:00	GGL	11261917MB	-
1,2,3-Trichloropropane (96-18-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 23:00	GGL	11261917MB	-
Vinyl chloride (75-01-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 23:00	GGL	11261917MB	-
Xylenes- Total (1330-20-7)	1.5 U	ug/L	1	1.5	3	EPA 8260	11/26/19 23:00	GGL	11261917MB	-

Surrogates	Result	SPK	Units	DF	%Rec	Analyzed Date	By	Batch	%Limits	Notes
Dibromofluoromethane (DEP-SURR-047)	10.3	10	ug/L	1	103	11/26/19 23:00	GGL	11261917MB	30-170	
1,2-Dichloroethane-d4 (DEP-SURR-002)	10.5	10	ug/L	1	105	11/26/19 23:00	GGL	11261917MB	30-170	
Toluene-d8 (DEP-SURR-038)	9.0	10	ug/L	1	90	11/26/19 23:00	GGL	11261917MB	70-130	
4-Bromofluorobenzene (DEP-SURR-019)	9.0	10	ug/L	1	90	11/26/19 23:00	GGL	11261917MB	30-170	

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Southern Research Laboratories, Inc
2251 Lynx Lane, Suite 1
Orlando, Florida 32804
(407) 522-7100 / Fax (407) 522-7043

ANALYTICAL REPORT

For Project:
Granville

NELAP Certified
FDOH # : **E83484**
Lab Received Date : **11/21/19 09:35**

Company Name: **Progressive Engineering and Construction**
Client's Name: **Brad Sperry**
Client's Address: **12402 N. 56th Street**
City: **Tampa**
State: **FL** Zip: **33617**

Facility ID: **NA**
Project Location: **Granville, Ohio**
Client's Phone: **813- 930-0669**
Client's Project Number: **P2347**
Lab Reporting Batch ID: **1911033**

********** Analytical Results **********

Client Sample ID: **Trip Blank** Date Collected: **11/18/19 08:00** Matrix ID : **AQUEOUS-Other**
Lab Sample ID: **1911033-018** Collected By: **LAB**

EPA Method 5030/8260B Volatile Organics in Water by GC-MS

Analyte Name (Analyte ID)	Results/Qual	Units	DF	MDL	PQL	Method	Analyzed Date	By	Batch	Notes
Benzene (71-43-2)	0.5 U	ug/L	1	0.5	1	EPA 8260	11/26/19 18:47	GGL	11261917MB	-
Bromobenzene (108-86-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 18:47	GGL	11261917MB	-
Bromoform (75-25-2)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 18:47	GGL	11261917MB	-
Bromomethane (74-83-9)	0.5 U	ug/L	1	0.5	1	EPA 8260	11/26/19 18:47	GGL	11261917MB	-
Carbon tetrachloride (56-23-5)	0.5 U	ug/L	1	0.5	1	EPA 8260	11/26/19 18:47	GGL	11261917MB	-
Chlorobenzene (108-90-7)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 18:47	GGL	11261917MB	-
Dibromochloromethane (124-48-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 18:47	GGL	11261917MB	-
Chloroethane (75-00-3)	0.5 U	ug/L	1	0.5	1	EPA 8260	11/26/19 18:47	GGL	11261917MB	-
Chloroform (67-66-3)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 18:47	GGL	11261917MB	-
Chloromethane (74-87-3)	0.5 U	ug/L	1	0.5	2	EPA 8260	11/26/19 18:47	GGL	11261917MB	-
2-Chlorotoluene (95-49-8)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 18:47	GGL	11261917MB	-
4-Chlorotoluene (106-43-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 18:47	GGL	11261917MB	-
cis-1,2-Dichloroethene (156-59-2)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 18:47	GGL	11261917MB	-
cis-1,3-Dichloropropene (10061-01-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 18:47	GGL	11261917MB	-
Dibromomethane (74-95-3)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 18:47	GGL	11261917MB	-
1,2-Dichlorobenzene (95-50-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 18:47	GGL	11261917MB	-
1,3-Dichlorobenzene (541-73-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 18:47	GGL	11261917MB	-
1,4-Dichlorobenzene (106-46-7)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 18:47	GGL	11261917MB	-
Bromodichloromethane (75-27-4)	0.5 U	ug/L	1	0.5	1	EPA 8260	11/26/19 18:47	GGL	11261917MB	-
1,1-Dichloroethane (75-34-3)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 18:47	GGL	11261917MB	-
1,2-Dichloroethane (107-06-2)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 18:47	GGL	11261917MB	-
1,1-Dichloroethene (75-35-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 18:47	GGL	11261917MB	-
1,2-Dichloropropane (78-87-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 18:47	GGL	11261917MB	-
1,3-Dichloropropane (142-28-9)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 18:47	GGL	11261917MB	-
2,2-Dichloropropane (590-20-7)	0.5 U	ug/L	1	0.5	1	EPA 8260	11/26/19 18:47	GGL	11261917MB	-
1,1-Dichloropropene (563-58-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 18:47	GGL	11261917MB	-
Ethylbenzene (100-41-4)	0.5 U	ug/L	1	0.5	1	EPA 8260	11/26/19 18:47	GGL	11261917MB	-
Methylene chloride (75-09-2)	2 U	ug/L	1	2	5	EPA 8260	11/26/19 18:47	GGL	11261917MB	-
Methyl-t-butyl ether (1634-04-4)	0.5 U	ug/L	1	0.5	1	EPA 8260	11/26/19 18:47	GGL	11261917MB	-
Xylene, m,p- (108-38-3/106-42-3)	1 U	ug/L	1	1	2	EPA 8260	11/26/19 18:47	GGL	11261917MB	-
Xylene, o- (95-47-6)	0.5 U	ug/L	1	0.5	1	EPA 8260	11/26/19 18:47	GGL	11261917MB	-
Styrene (Phenylethylene) (100-42-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 18:47	GGL	11261917MB	-
1,1,1,2-Tetrachloroethane (630-20-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 18:47	GGL	11261917MB	-
1,1,2,2-Tetrachloroethane (79-34-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 18:47	GGL	11261917MB	-
Tetrachloroethene (127-18-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 18:47	GGL	11261917MB	-
Toluene (108-88-3)	0.5 U	ug/L	1	0.5	1	EPA 8260	11/26/19 18:47	GGL	11261917MB	-
trans-1,2-Dichloroethene (156-60-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 18:47	GGL	11261917MB	-
trans-1,3-Dichloropropene (10061-02-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 18:47	GGL	11261917MB	-
1,2,4-Trichlorobenzene (12-082-1)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 18:47	GGL	11261917MB	-
1,1,1-Trichloroethane (71-55-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 18:47	GGL	11261917MB	-
1,1,2-Trichloroethane (79-00-5)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 18:47	GGL	11261917MB	-
Trichloroethene (79-01-6)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 18:47	GGL	11261917MB	-
1,2,3-Trichloropropane (96-18-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 18:47	GGL	11261917MB	-
Vinyl chloride (75-01-4)	0.2 U	ug/L	1	0.2	1	EPA 8260	11/26/19 18:47	GGL	11261917MB	-
Xylenes- Total (1330-20-7)	1.5 U	ug/L	1	1.5	3	EPA 8260	11/26/19 18:47	GGL	11261917MB	-

Surrogates	Result	SPK	Units	DF	%Rec	Analyzed Date	By	Batch	%Limits	Notes
Dibromofluoromethane (DEP-SURR-047)	10.1	10	ug/L	1	101	11/26/19 18:47	GGL	11261917MB	30-170	
1,2-Dichloroethane-d4 (DEP-SURR-002)	10.3	10	ug/L	1	103	11/26/19 18:47	GGL	11261917MB	30-170	
Toluene-d8 (DEP-SURR-038)	9.1	10	ug/L	1	91	11/26/19 18:47	GGL	11261917MB	70-130	
4-Bromofluorobenzene (DEP-SURR-019)	9.4	10	ug/L	1	94	11/26/19 18:47	GGL	11261917MB	30-170	

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Southern Research Laboratories, Inc
2251 Lynx Lane, Suite 1
Orlando, Florida 32804
(407) 522-7100 / Fax (407) 522-7043

ANALYTICAL REPORT

For Project:
Granville

NELAP Certified
FDOH # : **E83484**
Lab Received Date : **11/21/19 09:35**

Company Name: **Progressive Engineering and Construction**
Client's Name: **Brad Sperry**
Client's Address: **12402 N. 56th Street**
City: **Tampa**
State: **FL** Zip: **33617**

Facility ID: **NA**
Project Location: **Granville, Ohio**
Client's Phone: **813- 930-0669**
Client's Project Number: **P2347**
Lab Reporting Batch ID: **1911033**

********** Detection Summary : **********

Client Sample ID: **MW-08(S)** Date Collected: **11/18/19 14:45** Matrix ID : **AQUEOUS-Groundwater**
Lab Sample ID: **1911033-001** Collected By: **Brad Sperry**

Analyte Name (Analyte ID)	Results/Qualifier	Units	DF	MDL	PQL	Date Analyzed	By	Batch ID	Method
cis-1,2-Dichloroethene (156-59-2)	**72**	ug/L	1	0.2	1	11/26/19 19:12	GGL	11261917MB	EPA 8260
1,1-Dichloroethane (75-34-3)	**4.9**	ug/L	1	0.2	1	11/26/19 19:12	GGL	11261917MB	EPA 8260
trans-1,2-Dichloroethene (156-60-	**10**	ug/L	1	0.2	1	11/26/19 19:12	GGL	11261917MB	EPA 8260

Client Sample ID: **GSSMW-15(I)** Date Collected: **11/18/19 15:17** Matrix ID : **AQUEOUS-Groundwater**
Lab Sample ID: **1911033-002** Collected By: **Brad Sperry**

Analyte Name (Analyte ID)	Results/Qualifier	Units	DF	MDL	PQL	Date Analyzed	By	Batch ID	Method
cis-1,2-Dichloroethene (156-59-2)	**21**	ug/L	1	0.2	1	11/26/19 19:37	GGL	11261917MB	EPA 8260
1,1-Dichloroethane (75-34-3)	**4.3**	ug/L	1	0.2	1	11/26/19 19:37	GGL	11261917MB	EPA 8260
1,1-Dichloroethene (75-35-4)	**5.9**	ug/L	1	0.2	1	11/26/19 19:37	GGL	11261917MB	EPA 8260
Tetrachloroethene (127-18-4)	**16**	ug/L	1	0.2	1	11/26/19 19:37	GGL	11261917MB	EPA 8260
trans-1,2-Dichloroethene (156-60-	**1.5**	ug/L	1	0.2	1	11/26/19 19:37	GGL	11261917MB	EPA 8260
1,1,1-Trichloroethane (71-55-6)	**71**	ug/L	1	0.2	1	11/26/19 19:37	GGL	11261917MB	EPA 8260
Trichloroethene (79-01-6)	**85**	ug/L	1	0.2	1	11/26/19 19:37	GGL	11261917MB	EPA 8260

Client Sample ID: **Duplicate-1** Date Collected: **11/18/19 00:00** Matrix ID : **AQUEOUS-Groundwater**
Lab Sample ID: **1911033-003** Collected By: **Brad Sperry**

Analyte Name (Analyte ID)	Results/Qualifier	Units	DF	MDL	PQL	Date Analyzed	By	Batch ID	Method
cis-1,2-Dichloroethene (156-59-2)	**21**	ug/L	1	0.2	1	11/26/19 20:03	GGL	11261917MB	EPA 8260
1,1-Dichloroethane (75-34-3)	**4.5**	ug/L	1	0.2	1	11/26/19 20:03	GGL	11261917MB	EPA 8260
1,1-Dichloroethene (75-35-4)	**5.4**	ug/L	1	0.2	1	11/26/19 20:03	GGL	11261917MB	EPA 8260
Tetrachloroethene (127-18-4)	**16**	ug/L	1	0.2	1	11/26/19 20:03	GGL	11261917MB	EPA 8260
trans-1,2-Dichloroethene (156-60-	**1.5**	ug/L	1	0.2	1	11/26/19 20:03	GGL	11261917MB	EPA 8260
1,1,1-Trichloroethane (71-55-6)	**70**	ug/L	1	0.2	1	11/26/19 20:03	GGL	11261917MB	EPA 8260
Trichloroethene (79-01-6)	**83**	ug/L	1	0.2	1	11/26/19 20:03	GGL	11261917MB	EPA 8260

Client Sample ID: **MW-16(S)** Date Collected: **11/18/19 16:18** Matrix ID : **AQUEOUS-Groundwater**
Lab Sample ID: **1911033-005** Collected By: **Brad Sperry**

Analyte Name (Analyte ID)	Results/Qualifier	Units	DF	MDL	PQL	Date Analyzed	By	Batch ID	Method
cis-1,2-Dichloroethene (156-59-2)	**2.7**	ug/L	1	0.2	1	11/26/19 20:54	GGL	11261917MB	EPA 8260
1,1-Dichloroethane (75-34-3)	**1.1**	ug/L	1	0.2	1	11/26/19 20:54	GGL	11261917MB	EPA 8260
1,1,1-Trichloroethane (71-55-6)	**6.2**	ug/L	1	0.2	1	11/26/19 20:54	GGL	11261917MB	EPA 8260
Trichloroethene (79-01-6)	**5.1**	ug/L	1	0.2	1	11/26/19 20:54	GGL	11261917MB	EPA 8260

Client Sample ID: **MW-04DR(S)** Date Collected: **11/19/19 11:16** Matrix ID : **AQUEOUS-Groundwater**
Lab Sample ID: **1911033-011** Collected By: **Brad Sperry**

Analyte Name (Analyte ID)	Results/Qualifier	Units	DF	MDL	PQL	Date Analyzed	By	Batch ID	Method
1,1-Dichloroethane (75-34-3)	**6.8**	ug/L	1	0.2	1	11/26/19 23:51	GGL	11261917MB	EPA 8260
1,1-Dichloroethene (75-35-4)	**2.5**	ug/L	1	0.2	1	11/26/19 23:51	GGL	11261917MB	EPA 8260
Tetrachloroethene (127-18-4)	**23**	ug/L	1	0.2	1	11/26/19 23:51	GGL	11261917MB	EPA 8260
1,1,1-Trichloroethane (71-55-6)	**29**	ug/L	1	0.2	1	11/26/19 23:51	GGL	11261917MB	EPA 8260
Trichloroethene (79-01-6)	**70**	ug/L	1	0.2	1	11/26/19 23:51	GGL	11261917MB	EPA 8260

Client Sample ID: **MW-04D2(I)** Date Collected: **11/19/19 11:42** Matrix ID : **AQUEOUS-Groundwater**
Lab Sample ID: **1911033-012** Collected By: **Brad Sperry**

Analyte Name (Analyte ID)	Results/Qualifier	Units	DF	MDL	PQL	Date Analyzed	By	Batch ID	Method
Tetrachloroethene (127-18-4)	**0.91 J**	ug/L	1	0.2	1	11/27/19 00:17	GGL	11261917MB	EPA 8260
1,1,1-Trichloroethane (71-55-6)	**1.1**	ug/L	1	0.2	1	11/27/19 00:17	GGL	11261917MB	EPA 8260
Trichloroethene (79-01-6)	**0.46 J**	ug/L	1	0.2	1	11/27/19 00:17	GGL	11261917MB	EPA 8260

Client Sample ID: **GSSMW-12(D)** Date Collected: **11/19/19 13:25** Matrix ID : **AQUEOUS-Groundwater**
Lab Sample ID: **1911033-013** Collected By: **Brad Sperry**

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Orlando, Florida 32804
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ANALYTICAL REPORT

For Project:
Granville

NELAP Certified
FDOH # : **E83484**
Lab Received Date : **11/21/19 09:35**

Company Name: **Progressive Engineering and Construction**
Client's Name: **Brad Sperry**
Client's Address: **12402 N. 56th Street**
City: **Tampa**
State: **FL** Zip: **33617**

Facility ID: **NA**
Project Location: **Granville, Ohio**
Client's Phone: **813- 930-0669**
Client's Project Number: **P2347**
Lab Reporting Batch ID: **1911033**

Analyte Name (Analyte ID)	Results/Qualifier	Units	DF	MDL	PQL	Date Analyzed	By	Batch ID	Method
cis-1,2-Dichloroethene (156-59-2)	**2.4**	ug/L	1	0.2	1	11/27/19 00:42	GGL	11261917MB	EPA 8260
1,1-Dichloroethane (75-34-3)	**1.4**	ug/L	1	0.2	1	11/27/19 00:42	GGL	11261917MB	EPA 8260
1,1-Dichloroethene (75-35-4)	**2.9**	ug/L	1	0.2	1	11/27/19 00:42	GGL	11261917MB	EPA 8260
Tetrachloroethene (127-18-4)	**7.5**	ug/L	1	0.2	1	11/27/19 00:42	GGL	11261917MB	EPA 8260
trans-1,2-Dichloroethene (156-60-	**0.34 J**	ug/L	1	0.2	1	11/27/19 00:42	GGL	11261917MB	EPA 8260
1,1,1-Trichloroethane (71-55-6)	**36**	ug/L	1	0.2	1	11/27/19 00:42	GGL	11261917MB	EPA 8260
Trichloroethene (79-01-6)	**34**	ug/L	1	0.2	1	11/27/19 00:42	GGL	11261917MB	EPA 8260

Client Sample ID: **MW-02(S)** Date Collected: **11/19/19 13:53** Matrix ID : **AQUEOUS-Groundwater**
Lab Sample ID: **1911033-014** Collected By: **Brad Sperry**

Analyte Name (Analyte ID)	Results/Qualifier	Units	DF	MDL	PQL	Date Analyzed	By	Batch ID	Method
cis-1,2-Dichloroethene (156-59-2)	**20**	ug/L	1	0.2	1	11/27/19 01:08	GGL	11261917MB	EPA 8260
1,1-Dichloroethane (75-34-3)	**7.9**	ug/L	1	0.2	1	11/27/19 01:08	GGL	11261917MB	EPA 8260
1,1-Dichloroethene (75-35-4)	**9.1**	ug/L	1	0.2	1	11/27/19 01:08	GGL	11261917MB	EPA 8260
Tetrachloroethene (127-18-4)	**160**	ug/L	10	0	0	11/27/19 01:08	GGL	11261917MB	EPA 8260
trans-1,2-Dichloroethene (156-60-	**1.5**	ug/L	1	0.2	1	11/27/19 01:08	GGL	11261917MB	EPA 8260
1,1,1-Trichloroethane (71-55-6)	**200**	ug/L	10	0	0	11/27/19 01:08	GGL	11261917MB	EPA 8260
Trichloroethene (79-01-6)	**440**	ug/L	10	0	0	11/27/19 01:08	GGL	11261917MB	EPA 8260

Client Sample ID: **Duplicate-2** Date Collected: **11/19/19 00:00** Matrix ID : **AQUEOUS-Groundwater**
Lab Sample ID: **1911033-015** Collected By: **Brad Sperry**

Analyte Name (Analyte ID)	Results/Qualifier	Units	DF	MDL	PQL	Date Analyzed	By	Batch ID	Method
cis-1,2-Dichloroethene (156-59-2)	**20**	ug/L	1	0.2	1	11/27/19 01:33	GGL	11261917MB	EPA 8260
1,1-Dichloroethane (75-34-3)	**7.7**	ug/L	1	0.2	1	11/27/19 01:33	GGL	11261917MB	EPA 8260
1,1-Dichloroethene (75-35-4)	**8.8**	ug/L	1	0.2	1	11/27/19 01:33	GGL	11261917MB	EPA 8260
Tetrachloroethene (127-18-4)	**160**	ug/L	10	0	0	11/27/19 01:33	GGL	11261917MB	EPA 8260
trans-1,2-Dichloroethene (156-60-	**1.5**	ug/L	1	0.2	1	11/27/19 01:33	GGL	11261917MB	EPA 8260
1,1,1-Trichloroethane (71-55-6)	**210**	ug/L	10	0	0	11/27/19 01:33	GGL	11261917MB	EPA 8260
Trichloroethene (79-01-6)	**460**	ug/L	10	0	0	11/27/19 01:33	GGL	11261917MB	EPA 8260

Client Sample ID: **MW-02D(I)** Date Collected: **11/19/19 14:22** Matrix ID : **AQUEOUS-Groundwater**
Lab Sample ID: **1911033-016** Collected By: **Brad Sperry**

Analyte Name (Analyte ID)	Results/Qualifier	Units	DF	MDL	PQL	Date Analyzed	By	Batch ID	Method
cis-1,2-Dichloroethene (156-59-2)	**17**	ug/L	1	0.2	1	11/27/19 01:59	GGL	11261917MB	EPA 8260
1,1-Dichloroethane (75-34-3)	**5.9**	ug/L	1	0.2	1	11/27/19 01:59	GGL	11261917MB	EPA 8260
1,1-Dichloroethene (75-35-4)	**11**	ug/L	1	0.2	1	11/27/19 01:59	GGL	11261917MB	EPA 8260
Tetrachloroethene (127-18-4)	**240**	ug/L	20	0	0	11/27/19 01:59	GGL	11261917MB	EPA 8260
trans-1,2-Dichloroethene (156-60-	**1.3**	ug/L	1	0.2	1	11/27/19 01:59	GGL	11261917MB	EPA 8260
1,1,1-Trichloroethane (71-55-6)	**270**	ug/L	20	0	0	11/27/19 01:59	GGL	11261917MB	EPA 8260
Trichloroethene (79-01-6)	**620**	ug/L	20	0	0	11/27/19 01:59	GGL	11261917MB	EPA 8260

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Southern Research Laboratories, Inc
2251 Lynx Lane, Suite 1
Orlando, Florida 32804
(407) 522-7100 / Fax (407) 522-7043

ANALYTICAL REPORT

For Project:
Granville

NELAP Certified
FDOH # : **E83484**
Lab Received Date : **11/21/19 09:35**

Company Name: **Progressive Engineering and Construction**
Client's Name: **Brad Sperry**
Client's Address: **12402 N. 56th Street**
City: **Tampa**
State: **FL** Zip: **33617**

Facility ID: **NA**
Project Location: **Granville, Ohio**
Client's Phone: **813- 930-0669**
Client's Project Number: **P2347**
Lab Reporting Batch ID: **1911033**

********** Quality Control : **********

Matrix Spike(MS) — EPA Method 5030/8260B Volatile Organics in Water by GC-MS

Client Sample ID: **MW-07(D) MS**
Lab Sample ID: **1911033-008**
Date Collected: **11/19/19 09:58**
Date Prepared: **11/26/19 17:31**
Date Analyzed: **11/26/19 22:10**
Matrix ID : **AQUEOUS-Groundwater**

EPA 8260

Analyte Name (Analyte ID)	Result	SPK	Units	DF	MDL	PQL	%Rec	Source	By	Batch	%Limits	Notes
Benzene (71-43-2)	27.2	25	ug/L	1	0.5	1	109	0.5 U	GGL	11261917MB	30-170	
Chlorobenzene (108-90-7)	26.1	25	ug/L	1	0.2	1	104	0.2 U	GGL	11261917MB	30-170	
Chloroform (67-66-3)	28	25	ug/L	1	0.2	1	112	0.2 U	GGL	11261917MB	30-170	
1,1-Dichloroethene (75-35-4)	25.6	25	ug/L	1	0.2	1	102	0.2 U	GGL	11261917MB	30-170	
Ethylbenzene (100-41-4)	27.3	25	ug/L	1	0.5	1	109	0.5 U	GGL	11261917MB	30-170	
Xylene, o- (95-47-6)	25.7	25	ug/L	1	0.5	1	103	0.5 U	GGL	11261917MB	30-170	
Tetrachloroethene (127-18-4)	26.5	25	ug/L	1	0.2	1	106	0.2 U	GGL	11261917MB	30-170	
Toluene (108-88-3)	26.4	25	ug/L	1	0.5	1	106	0.5 U	GGL	11261917MB	30-170	
trans-1,2-Dichloroethene (156-60-5)	26.1	25	ug/L	1	0.2	1	104	0.2 U	GGL	11261917MB	30-170	
Trichloroethene (79-01-6)	26.3	25	ug/L	1	0.2	1	105	0.2 U	GGL	11261917MB	30-170	

Surrogates	Result	SPK	Units	DF	%Rec	By	Batch	%Limits	Notes
Dibromofluoromethane (DEP-SURR-047)	10.3	10	ug/L	1	103	GGL	11261917MB	30-170	
1,2-Dichloroethane-d4 (DEP-SURR-002)	10	10	ug/L	1	100	GGL	11261917MB	30-170	
Toluene-d8 (DEP-SURR-038)	9.9	10	ug/L	1	99	GGL	11261917MB	70-130	
4-Bromofluorobenzene (DEP-SURR-019)	9.4	10	ug/L	1	94	GGL	11261917MB	30-170	

Matrix Spike Dup(MSD) — EPA Method 5030/8260B Volatile Organics in Water by GC-MS

Client Sample ID: **MW-07(D) MSD**
Lab Sample ID: **1911033-009**
Date Collected: **11/19/19 09:58**
Date Prepared: **11/26/19 17:31**
Date Analyzed: **11/26/19 22:35**
Matrix ID : **AQUEOUS-Groundwater**

EPA 8260

Analyte Name (Analyte ID)	Result	SPK	Units	DF	MDL	PQL	%RPD	%Rec	Source	By	Batch	%Limits	Notes
Benzene (71-43-2)	23.6	25	ug/L	1	0.5	1	14	94.4	0.5 U	GGL	11261917MB	30-170	
Chlorobenzene (108-90-7)	22.7	25	ug/L	1	0.2	1	14	90.8	0.2 U	GGL	11261917MB	30-170	
Chloroform (67-66-3)	24.3	25	ug/L	1	0.2	1	14	97.2	0.2 U	GGL	11261917MB	30-170	
1,1-Dichloroethene (75-35-4)	23.1	25	ug/L	1	0.2	1	10	92.4	0.2 U	GGL	11261917MB	30-170	
Ethylbenzene (100-41-4)	23.9	25	ug/L	1	0.5	1	13	95.6	0.5 U	GGL	11261917MB	30-170	
Xylene, o- (95-47-6)	22.3	25	ug/L	1	0.5	1	14	89.2	0.5 U	GGL	11261917MB	30-170	
Tetrachloroethene (127-18-4)	22.7	25	ug/L	1	0.2	1	15	90.8	0.2 U	GGL	11261917MB	30-170	
Toluene (108-88-3)	23.1	25	ug/L	1	0.5	1	13	92.4	0.5 U	GGL	11261917MB	30-170	
trans-1,2-Dichloroethene (156-60-5)	23.1	25	ug/L	1	0.2	1	12	92.4	0.2 U	GGL	11261917MB	30-170	
Trichloroethene (79-01-6)	22.7	25	ug/L	1	0.2	1	15	90.8	0.2 U	GGL	11261917MB	30-170	

Surrogates	Result	SPK	Units	DF	%Rec	By	Batch	%Limits	Notes
Dibromofluoromethane (DEP-SURR-047)	10.1	10	ug/L	1	101	GGL	11261917MB	30-170	
1,2-Dichloroethane-d4 (DEP-SURR-002)	10.5	10	ug/L	1	105	GGL	11261917MB	30-170	
Toluene-d8 (DEP-SURR-038)	10	10	ug/L	1	100	GGL	11261917MB	70-130	
4-Bromofluorobenzene (DEP-SURR-019)	9.7	10	ug/L	1	97	GGL	11261917MB	30-170	

Method Blank(MB) — EPA Method 5030/8260B Volatile Organics in Water by GC-MS

Client Sample ID: **Method Blank**
Lab Sample ID: **1911033-019**
Date Collected: **11/26/19 17:31**
Date Prepared: **11/26/19 17:31**
Date Analyzed: **11/26/19 17:31**
Matrix ID : **AQUEOUS-Other**

EPA 8260

Analyte Name (Analyte ID)	Results/Qual	Units	DF	MDL	PQL	By	Batch	Notes
Benzene (71-43-2)	0.5 U	ug/L	1	0.5	1	GGL	11261917MB	-
Bromobenzene (108-86-1)	0.2 U	ug/L	1	0.2	1	GGL	11261917MB	-
Bromoform (75-25-2)	0.2 U	ug/L	1	0.2	1	GGL	11261917MB	-
Bromomethane (74-83-9)	0.5 U	ug/L	1	0.5	1	GGL	11261917MB	-
Carbon tetrachloride (56-23-5)	0.5 U	ug/L	1	0.5	1	GGL	11261917MB	-
Chlorobenzene (108-90-7)	0.2 U	ug/L	1	0.2	1	GGL	11261917MB	-

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Southern Research Laboratories, Inc
2251 Lynx Lane, Suite 1
Orlando, Florida 32804
(407) 522-7100 / Fax (407) 522-7043

ANALYTICAL REPORT

For Project:
Granville

NELAP Certified
FDOH # : **E83484**
Lab Received Date : **11/21/19 09:35**

Company Name: **Progressive Engineering and Construction**
Client's Name: **Brad Sperry**
Client's Address: **12402 N. 56th Street**
City: **Tampa**
State: **FL** Zip: **33617**

Facility ID: **NA**
Project Location: **Granville, Ohio**
Client's Phone: **813- 930-0669**
Client's Project Number: **P2347**
Lab Reporting Batch ID: **1911033**

********** Quality Control : **********

Method Blank(MB) — EPA Method 5030/8260B Volatile Organics in Water by GC-MS

Client Sample ID: **Method Blank**
Lab Sample ID: **1911033-019**
Date Collected: **11/26/19 17:31**
Date Prepared: **11/26/19 17:31**
Date Analyzed: **11/26/19 17:31**
Matrix ID : **AQUEOUS-Other**

Analyte Name (Analyte ID)	Results/Qual	Units	DF	MDL	PQL	By	Batch	Notes
Dibromochloromethane (124-48-1)	0.2 U	ug/L	1	0.2	1	GGL	11261917MB	-
Chloroethane (75-00-3)	0.5 U	ug/L	1	0.5	1	GGL	11261917MB	-
Chloroform (67-66-3)	0.2 U	ug/L	1	0.2	1	GGL	11261917MB	-
Chloromethane (74-87-3)	0.5 U	ug/L	1	0.5	2	GGL	11261917MB	-
2-Chlorotoluene (95-49-8)	0.2 U	ug/L	1	0.2	1	GGL	11261917MB	-
4-Chlorotoluene (106-43-4)	0.2 U	ug/L	1	0.2	1	GGL	11261917MB	-
cis-1,2-Dichloroethene (156-59-2)	0.2 U	ug/L	1	0.2	1	GGL	11261917MB	-
cis-1,3-Dichloropropene (10061-01-5)	0.2 U	ug/L	1	0.2	1	GGL	11261917MB	-
Dibromomethane (74-95-3)	0.2 U	ug/L	1	0.2	1	GGL	11261917MB	-
1,2-Dichlorobenzene (95-50-1)	0.2 U	ug/L	1	0.2	1	GGL	11261917MB	-
1,3-Dichlorobenzene (541-73-1)	0.2 U	ug/L	1	0.2	1	GGL	11261917MB	-
1,4-Dichlorobenzene (106-46-7)	0.2 U	ug/L	1	0.2	1	GGL	11261917MB	-
Bromodichloromethane (75-27-4)	0.5 U	ug/L	1	0.5	1	GGL	11261917MB	-
1,1-Dichloroethane (75-34-3)	0.2 U	ug/L	1	0.2	1	GGL	11261917MB	-
1,2-Dichloroethane (107-06-2)	0.2 U	ug/L	1	0.2	1	GGL	11261917MB	-
1,1-Dichloroethene (75-35-4)	0.2 U	ug/L	1	0.2	1	GGL	11261917MB	-
1,2-Dichloropropane (78-87-5)	0.2 U	ug/L	1	0.2	1	GGL	11261917MB	-
1,3-Dichloropropane (142-28-9)	0.2 U	ug/L	1	0.2	1	GGL	11261917MB	-
2,2-Dichloropropane (590-20-7)	0.5 U	ug/L	1	0.5	1	GGL	11261917MB	-
1,1-Dichloropropene (563-58-6)	0.2 U	ug/L	1	0.2	1	GGL	11261917MB	-
Ethylbenzene (100-41-4)	0.5 U	ug/L	1	0.5	1	GGL	11261917MB	-
Methylene chloride (75-09-2)	2 U	ug/L	1	2	5	GGL	11261917MB	-
Methyl-t-butyl ether (1634-04-4)	0.5 U	ug/L	1	0.5	1	GGL	11261917MB	-
Xylene, m,p- (108-38-3/106-42-3)	1 U	ug/L	1	1	2	GGL	11261917MB	-
Xylene, o- (95-47-6)	0.5 U	ug/L	1	0.5	1	GGL	11261917MB	-
Styrene (Phenylethylene) (100-42-5)	0.2 U	ug/L	1	0.2	1	GGL	11261917MB	-
1,1,1,2-Tetrachloroethane (630-20-6)	0.2 U	ug/L	1	0.2	1	GGL	11261917MB	-
1,1,2,2-Tetrachloroethane (79-34-5)	0.2 U	ug/L	1	0.2	1	GGL	11261917MB	-
Tetrachloroethene (127-18-4)	0.2 U	ug/L	1	0.2	1	GGL	11261917MB	-
Toluene (108-88-3)	0.5 U	ug/L	1	0.5	1	GGL	11261917MB	-
trans-1,2-Dichloroethene (156-60-5)	0.2 U	ug/L	1	0.2	1	GGL	11261917MB	-
trans-1,3-Dichloropropene (10061-02-6)	0.2 U	ug/L	1	0.2	1	GGL	11261917MB	-
1,2,4-Trichlorobenzene (12-082-1)	0.2 U	ug/L	1	0.2	1	GGL	11261917MB	-
1,1,1-Trichloroethane (71-55-6)	0.2 U	ug/L	1	0.2	1	GGL	11261917MB	-
1,1,2-Trichloroethane (79-00-5)	0.2 U	ug/L	1	0.2	1	GGL	11261917MB	-
Trichloroethene (79-01-6)	0.2 U	ug/L	1	0.2	1	GGL	11261917MB	-
1,2,3-Trichloropropane (96-18-4)	0.2 U	ug/L	1	0.2	1	GGL	11261917MB	-
Vinyl chloride (75-01-4)	0.2 U	ug/L	1	0.2	1	GGL	11261917MB	-
Xylenes- Total (1330-20-7)	1.5 U	ug/L	1	1.5	3	GGL	11261917MB	-

Surrogates	Result	SPK	Units	DF	%Rec	By	Batch	%Limits	Notes
Dibromofluoromethane (DEP-SURR-047)	9.7	10	ug/L	1	97	GGL	11261917MB	30-170	
1,2-Dichloroethane-d4 (DEP-SURR-002)	9.9	10	ug/L	1	99	GGL	11261917MB	30-170	
Toluene-d8 (DEP-SURR-038)	9.7	10	ug/L	1	97	GGL	11261917MB	70-130	
4-Bromofluorobenzene (DEP-SURR-019)	10.3	10	ug/L	1	103	GGL	11261917MB	30-170	

Laboratory Control Standard(LCS) — EPA Method 5030/8260B Volatile Organics in Water by GC-MS

Client Sample ID: **LCS**
Lab Sample ID: **1911033-020**
Date Collected: **11/26/19 17:31**
Date Prepared: **11/26/19 17:31**
Date Analyzed: **11/26/19 17:57**
Matrix ID : **AQUEOUS-Other**

EPA 8260

Analyte Name (Analyte ID)	Result	SPK	Units	DF	MDL	PQL	%Rec	By	Batch	%Limits	Notes
Benzene (71-43-2)	30	25	ug/L	1	0.5	1	92	GGL	11261917MB	30-170	
Chlorobenzene (108-90-7)	22.9	25	ug/L	1	0.2	1	92	GGL	11261917MB	30-170	
Chloroform (67-66-3)	23.2	25	ug/L	1	0.2	1	93	GGL	11261917MB	30-170	

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ANALYTICAL REPORT

For Project:
Granville

NELAP Certified
FDOH # : **E83484**
Lab Received Date : **11/21/19 09:35**

Company Name: **Progressive Engineering and Construction**
Client's Name: **Brad Sperry**
Client's Address: **12402 N. 56th Street**
City: **Tampa**
State: **FL** Zip: **33617**

Facility ID: **NA**
Project Location: **Granville, Ohio**
Client's Phone: **813- 930-0669**
Client's Project Number: **P2347**
Lab Reporting Batch ID: **1911033**

********** Quality Control : **********

Laboratory Control Standard(LCS) EPA Method 5030/8260B Volatile Organics in Water by GC-MS

Client Sample ID: **LCS**
Lab Sample ID: **1911033-020**

Date Collected: **11/26/19 17:31**
Date Prepared: **11/26/19 17:31**
Date Analyzed: **11/26/19 17:57**

Matrix ID : **AQUEOUS-Other**

Analyte Name (Analyte ID)	Result	SPK	Units	DF	MDL	PQL	%Rec	By	Batch	%Limits	Notes
1,1-Dichloroethene (75-35-4)	24	25	ug/L	1	0.2	1	96	GGL	11261917MB	30-170	
Ethylbenzene (100-41-4)	23.5	25	ug/L	1	0.5	1	94	GGL	11261917MB	30-170	
Xylene, o- (95-47-6)	23	25	ug/L	1	0.5	1	92	GGL	11261917MB	30-170	
Tetrachloroethene (127-18-4)	23	25	ug/L	1	0.2	1	92	GGL	11261917MB	30-170	
Toluene (108-88-3)	22.9	25	ug/L	1	0.5	1	92	GGL	11261917MB	30-170	
trans-1,2-Dichloroethene (156-60-5)	23	25	ug/L	1	0.2	1	92	GGL	11261917MB	30-170	
Trichloroethene (79-01-6)	21.9	25	ug/L	1	0.2	1	88	GGL	11261917MB	30-170	

Surrogates	Result	SPK	Units	DF	%Rec	By	Batch	%Limits	Notes
Dibromofluoromethane (DEP-SURR-047)	10.1	10	ug/L	1	101	GGL	11261917MB	30-170	
1,2-Dichloroethane-d4 (DEP-SURR-002)	10	10	ug/L	1	100	GGL	11261917MB	30-170	
Toluene-d8 (DEP-SURR-038)	10.2	10	ug/L	1	102	GGL	11261917MB	70-130	
4-Bromofluorobenzene (DEP-SURR-019)	10	10	ug/L	1	100	GGL	11261917MB	30-170	

This report, which includes the attached Chain-Of-Custody, shall not be reported except in full, without written approval of the laboratory.

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Orlando, Florida 32804
(407) 522-7100 / Fax (407) 522-7043

ANALYTICAL REPORT

For Proiect:
Granville

NELAP Certified
FDOH # : **E83484**
Lab Received Date : **11/21/19 09:35**

Company Name: **Progressive Engineering and Construction**
Client's Name: **Brad Sperry**
Client's Address: **12402 N. 56th Street**
City: **Tampa**
State: **FL** Zip: **33617**

Facility ID: **NA**
Project Location: **Granville, Ohio**
Client's Phone: **813- 930-0669**
Client's Project Number: **P2347**
Lab Reporting Batch ID: **1911033**

**********Data Qualifiers Codes**********

Reporting Exceptions and Qualified Data

When quality control results are outside established control limits reanalysis, including re-extraction (if applicable), is preferred. If re-analysis is not viable or desirable, then results may be qualified. Sample results associated with quality control data that exceed acceptance criteria will be qualified with an appropriate comment. Any parameter for which the laboratory is not officially NELAP accredited is indicated by a '~' symbol. These are not included in the scope because NELAP accreditation is either not available or has not been applied for.

Lab Qualifier	Description
B-01	The sample dilutions set-up for the analysis did not meet the oxygen depletion criteria of at least 2 mg/l dissolved oxygen depletion. Therefore the reported result is an estimated value only.
B-04	The average DO uptake of the seeded controls does not meet the method required 0.6 - 1.0 mg/L.
B-06	Sample is supersaturated with DO. Initial DO exceeds the method required maximum initial DO of 9 mg/L.
B-07	LCS exceeded control limits. The test can not be repeated due to method constraints. Considered to be an estimated value.
D	Data reported from a dilution and or multiple dilutions. D2= 1/2, D5= 1/5, D10= 1/10, D20= 1/20, D50= 1/50, D100= 1/100
I, J	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
J-06	The associated laboratory control sample exhibited low bias; the reported result should be considered to be a minimum estimate.
L	Off-scale high. Actual value is known to be greater than value given.
LP-02	Less than 1000 ml of sample filtered and residue range of 2.5 insufficient sample, analysis cannot be repeated.
M	Presence of material is verified but not quantified; the actual value is less than the value given. The estimated concentration is greater than the MDL.
N	Presumptive evidence of presence of material.
O	Sampled, but analysis lost or not performed.
PS	PS = Parent Sample. The PS sample was used as the parent sample for the analysis batch to make a Matrix Spike (MS), Matrix Spike Duplicated (MSD) and / or Laboratory Duplicate (DUP).
Q	Sample held beyond the accepted holding time. Use this code if result derived from a sample prepared or analyzed after the approved holding time.
QB-01	The method blank had a positive result for the analyte; however, the concentration in the method blank is less than 10% of the sample result. There is minimal impact to the data.
QB-02	The method blank contains analyte at a concentration above the MDL and/or greater than one-half the MRL. The analyte was not detected in the sample.
QL-02	The associated laboratory control sample exhibited high bias; since the result is ND, there is no impact.
QM-02	The RPD and/or percent recovery for this QC spike sample cannot be accurately calculated due to the high concentration of analyte present in the sample.
QM-07	Spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QM-11	Precision between duplicate matrix spikes of the same sample was outside acceptance limits.
QM-12	Precision between duplicate samples was outside acceptance limits.
QM-S	Surrogate recovery exceeded acceptance criteria due to the presence of a coeluting compound.
QR-04	Duplicate precision outside acceptance limits due to low analyte concentration.
QS-03	Surrogate recovery outside acceptance limits
QS-4	Surrogate recovery not calculated. Surrogate diluted out of the calibrtion range.
QS-6	Surrogate recovery exceeded accepance criteria due to coelution. Matrix effect confirmed.
QV-01	The associated continuing calibration verification standard exhibited high bias; since the result is ND, there is no impact.
R-01	The Reporting Limit for this analyte has been raised to account for matrix interference.
T	Value reported is less than the laboratory method detection limit. The value is reported for informational purposes only and shall not be used in statistical analysis.
U	Indicates the compound was analyzed for but not detected above the method detection limt.
V	Indicates the analyte was detected in both the sample and method blank.
V1	Common Laboratory Contaminant
Y	The laboratory analysis was performed on an improperly preserved sample. The result may not be accurate.
Z	Too many colonies were present (TNTC); the numeric value represents the filtration volume.
Z-1	Sample was received without an associated Field or Trip Blank for Low Level Mercury Analysis associated Field or Trip Blank for Low Level Mercury

This report, which includes the attached Chain-Of-Custody, shall not be reported except in full, without written approval of the laboratory.

APPENDIX D

Data Validation Packages

DATA VALIDATION REPORT

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VOCs (EPA Method 5030/8260B)

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VOCs (EPA Method 5030/8260B)

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Evaluation of Duplicate Sample Results
Granville Solvents Site, Annual Groudwater Monitoring Event, July 2019

Duplicate ID	Sample ID	PCE			1,1,1-TCA			cis-1,2,-DCE			trans-1,2-DCE			1,1-DCA			1,1-DCE			TCE		
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Duplicate ID	Sample ID	PCE			1,1,1-TCA			cis-1,2,-DCE			trans-1,2-DCE			1,1-DCA			1,1-DCE			TCE		
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