Village of
Elmwood Park

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Mr. Ronald Anderson
3134 N. 78th Ct
Elmwood Park, IL 60707

February 12, 2016

RE: Freedom of Information Act Request

Dear Ms. Anderson,

The Village of Elmwood Park is in receipt of your February 11, 2016, Freedom of Information Act (5 ILCS 140/1 et seq.) ("FOIA") for the following records:

"Flood Mitigation Plan: Area #6, Bolder Construction, Pay item #136-PNAS Soil Analysis, Pay Item #137-LEAD and PH Soil Analysis, copy of results".

Enclosed are records responsive to your request. However, please be advised that certain information in the records being provided has been determined to be exempt from disclosure under FOIA, and that information has been redacted from the records being provided.

> Section 7 (1)(b) of FOIA provides that "private information" is exempt from disclosure. "Private information" is defined in FOIA as, "unique identifiers, including a person's social security number, driver's license number, employee id number, biometric identifiers, personal financial information, passwords or other access codes, medical records, home or personal telephone numbers, and personal email addresses." Section 7(l)(c) of FOIA provides that, "personal information contained within public records, the disclosure of which would constitute a clearly unwarranted invasion of personal privacy is exempt from disclosure. Consequently, birthdates and other personal information, the disclosure of which would constitute a clearly unwarranted invasion of personal privacy, such as the victim's name and identifying information, have been redacted from the records being provided.
>
> In accordance with Section 9(a) of FOIA, you are hereby notified that you have the right to file a Request for Review regarding the decision made by the Village of Elmwood Park Freedom of Information Officer with the Public Access Counselor at the Illinois Attorney General's Office.

You can file your Request for Review with the Public Access Counselor by writing to:

Sarah Pratt
Public Access Counselor
Office of the Attorney General
500 South 2nd Street
Springfield, Illinois 62706
Fax: 217-782-1396
E-mail: publicaccess@atg.state.il.us

If you choose to file a Request for Review with the Public Access Counselor, you must do so within 60 calendar days of the date of this letter. Please note that you must include a copy of your original FOIA request and this letter when filing a Request for Review with the Public Access Counselor. You are also notified that you have the right to judicial review regarding the decision made by the Village of Elmwood Park Freedom of Information Officer pursuant to Section II of FOIA.

Should you have any questions, please do not hesitate to contact my office.

Gina Pesko

Village Clerk
Freedom of Information Officer
708-452-3948

TABLE I

Summary of Soil Analytical Results - Soil Characterization Sampling

Polynuclear Aromatic Hydrocarbons (PNAs)

CLIENT: Bolder Contractors, Inc.
SITE: Thatcher Avenue from North Avenue to West County Club Road, Elmwood Park, IL 60171
PROJECT NUMBER: TI14335

SAMPLE DATE: June 18, 2014
LABORATORY: Prairie Analytical Systems
MATRIX: Soil

Analytical Method: EPA Method 5035A/8260B

Contaminant of Concern	Maximum Allowable Concentration (MAC) within a Metropolitan Statistical Area (MSA)		Sample ID	B-1-3	B-1-6	B-2-3	B-2-6	B-3-3	B-3-6	B-4-3	B-4-6	B-5-3
			Sample Date	6/18/2014	6/18/2014	6/18/2014	6/18/2014	6/18/2014	6/18/2014	6/18/2014	6/18/2014	6/18/2014
			pH	-	-	-	-	-	-	-	-	-
			Depth	3'	6'	3'	6'	3'	6'	3'	6'	3'
	Value	Objective	Soil Type	Silty Clay	Silty Clay	Silty Clay	Silty Clay	Silty Clay	Silty Clay	Silty Clay	Silty Clay	Silty Clay
Acenaphthene	570	MAC		<0.376	<0.375	<0.404	<0.367	1.06	0.621	<0.393	<0.387	<0.394
Acenaphthylene	85	MAC		<0.376	<0.375	<0.404	<0.367	<0.415	<0.370	<0.393	<0.387	<0.394
Anthracene	12000	MAC		1.05	<0.375	<0.404	<0.367	3.25	1.8	0.617	0.98	<0.394
Benzo(a)anthracene	1.8	MAC		**1.86**	<0.375	<0.404	<0.367	**2.28**	1.75	0.814	1.17	<0.394
Benzo(b)fluoranthene	2.1	MAC		**2.8**	<0.375	<0.404	<0.367	**2.43**	1.66	0.956	1.26	<0.394
Benzo(k)fluoranthene	9	MAC		1.04	<0.375	<0.404	<0.367	0.885	0.626	<0.393	0.456	<0.394
Benzo(g,h,i)perylene	2,300	MAC		1.76	<0.375	<0.404	<0.367	1.4	0.863	<0.393	0.535	<0.394
Benzo(a)pyrene	2.1	MAC		1.67	0.118	<0.0727	<0.0661	1.84	1.35	0.668	0.844	0.14500
Chrysene	88	MAC		4.76	<0.375	<0.404	<0.367	3.27	1.8	0.972	1.38	<0.394
Dibenzo(a,h)anthracene	0.42	MAC		0.338	<0.0675	<0.0727	<0.0661	0.305	0.177	0.0845	0.128	<0.0709
Fluoranthene	3,100	MAC		9.71	0.598	<0.404	<0.367	7.82	4.5	2.32	3.35	0.53800
Fluorene	560	MAC		<0.376	<0.375	<0.404	<0.367	1.55	1.01	<0.393	<0.387	<0.394
Indeno(1,2,3-cd)pyrene	1.6	MAC		**1.97**	<0.375	<0.404	<0.367	1.57	1.03	0.445	0.661	<0.394
Naphthalene	1.8	MAC		<0.376	<0.375	<0.404	<0.367	<0.415	<0.370	<0.393	<0.387	<0.394
Phenanthrene	210	MAC		4.27	0.597	<0.404	<0.367	7.6	4.72	2.01	2.9	0.40800
Pyrene	2,300	MAC		7.44	0.477	<0.404	<0.367	5.98	3.73	1.79	2.5	0.41000

Notes:
Constituents that are not identified in 35 IAC 1100 Subpart F (MAC Table) are compared to the Metropolitan Statistical Area Background Concentration found in 35 IAC 742 Appendix A, Table H
< = Analyte not detected (i.e. less than RL or MDL)
All data reported in milligrams per kilogram (mg/kg) unless otherwise noted.
NA = This constituent was not analyzed.
NE = No remediation objective established by the IEPA for this constituent.
Bold identifies an exceedence of the referenced objective.

TRUE NORTH CONSULTANTS

TABLE 2

Summary of Soil Analytical Results - Soil Characterization Sampling

Polynuclear Aromatic Hydrocarbons (PNAs)

CLIENT: Bolder Contractors, Inc.
SITE: Thatcher Avenue from North Avenue to West County Club Road, Elmwood Park, IL 60171
PROJECT NUMBER: TI14335

SAMPLE DATE: June 18, 2014
LABORATORY: Prairie Analytical Systems
MATRIX: Soil

Analytical Method: EPA Method 5035A/8260B

Contaminant of Concern	Maximum Allowable Concentration (MAC) within a Metropolitan Statistical Area (MSA)		Sample ID	B-5-6	B-6-3	B-6-6	B-7-3	B-7-6	B-8-3	B-8-6		
			Sample Date	6/18/2014	6/18/2014	6/18/2014	6/18/2014	6/18/2014	6/18/2014	6/18/2014		
			pH	-	9.7	8.2	7.4	9.5	7.9	7.2		
			Depth	6'	3'	6'	3'	6'	3'	6'		
	Value	Objective	Soil Type	Silty Clay	Silty Clay	Silty Clay	Silty Clay	Silty Clay	Silty Clay	Silty Clay		
Acenaphthene	570	MAC		<0.385	9.97	2.08	<0.374	<0.399	<0.404	<0.384		
Acenaphthylene	85	MAC		<0.385	<1.85	<0.400	<0.374	<0.399	<0.404	<0.384		
Anthracene	12000	MAC		<0.385	28.3	3.2	<0.374	<0.399	<0.404	<0.384		
Benzo(a)anthracene	1.8	MAC		<0.385	**48.6**	**2.74**	<0.374	<0.399	<0.404	<0.384		
Benzo(b)fluoranthene	2.1	MAC		<0.385	**49.8**	**3.01**	<0.374	<0.399	<0.404	<0.384		
Benzo(k)fluoranthene	9	MAC		<0.385	<18.5	1.09	<0.374	<0.399	<0.404	<0.384		
Benzo(g,h,i)perylene	2,300	MAC		<0.385	22.9	1.5	<0.374	<0.399	<0.404	<0.384		
Benzo(a)pyrene	2.1	MAC		<0.0693	**33**	**2.42**	<0.0673	<0.0719	0.254	<0.0691		
Chrysene	88	MAC		<0.385	56	3.25	<0.374	<0.399	<0.404	<0.384		
Dibenzo(a,h)anthracene	0.42	MAC		<0.0693	**6.39**	0.313	<0.0673	<0.0719	<0.0728	<0.0691		
Fluoranthene	3,100	MAC		<0.385	128	8.19	<0.374	<0.399	1.06	<0.384		
Fluorene	560	MAC		<0.385	14.5	2.33	<0.374	<0.399	<0.404	<0.384		
Indeno(1,2,3-cd)pyrene	1.6	MAC		<0.385	**28**	**1.87**	<0.374	<0.399	<0.404	<0.384		
Naphthalene	1.8	MAC		<0.385	**2.15**	**2.39**	1.24	<0.399	<0.404	<0.384		
Phenanthrene	210	MAC		<0.385	10.2	9.67	<0.374	<0.399	1.13	<0.384		
Pyrene	2,300	MAC		<0.385	97.8	6.87	<0.374	<0.399	0.787	<0.384		

Notes:
Constituents that are not identified in 35 IAC 1100 Subpart F (MAC Table) are compared to the Metropolitan Statistical Area Background Concentration found in 35 IAC 742 Appendix A, Table H
< = Analyte not detected (i.e. less than RL or MDL)
All data reported in milligrams per kilogram (mg/kg) unless otherwise noted.
NA = This constituent was not analyzed.
NE = No remediation objective established by the IEPA for this constituent.
Bold identifies an exceedence of the referenced objective.

TRUENORTH CONSULTANTS

Prairie Analytical Systems, INCORPORATED

Wednesday, June 25, 2014

Amber Kowal
True North Consultants
1240 Iroquois Avenue, Suite 210
Naperville, IL 60563
TEL: (630) 717-2880
FAX: (630) 689-5881

RE: Thatecher Ave Storm Sewer: Elmwood Park PAS WO: 14F0428

Prairie Analytical Systems, Inc. received 4 sample(s) on 6/18/2014 for the analyses presented in the following report.

All applicable quality control procedures met method specific acceptance criteria unless otherwise noted.

This report shall not be reproduced, except in full, without the prior written consent of Prairie Analytical Systems, Inc.

If you have any questions, please feel free to contact me at (217) 753-1148.

Respectfully submitted,

Jean-Pierre Rouanet For Kristen A. Potter
Project Manager

Certifications: NELAP/NELAC - IL #100323

Prairie Analytical Systems, Inc. **Date:** 6/25/2014

LABORATORY RESULTS

Client: True North Consultants
Project: Thatecher Ave Storm Sewer: Elmwood Park **Lab Order:** 14F0428
Client Sample ID: B-7-3 **Lab ID:** 14F0428-01
Collection Date: 6/18/14 13:00 **Matrix:** Solid

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
Semi-Volatile Organic Compounds by GC-MS									
*Acenaphthene	U	0.374		mg/Kg dry	1	6/20/14 12:26	6/20/14 16:57	SW 8270C	JKA
*Acenaphthylene	U	0.374		mg/Kg dry	1	6/20/14 12:26	6/20/14 16:57	SW 8270C	JKA
*Anthracene	U	0.374		mg/Kg dry	1	6/20/14 12:26	6/20/14 16:57	SW 8270C	JKA
*Benzo(a)anthracene	U	0.374		mg/Kg dry	1	6/20/14 12:26	6/20/14 16:57	SW 8270C	JKA
*Benzo(b)fluoranthene	U	0.374		mg/Kg dry	1	6/20/14 12:26	6/20/14 16:57	SW 8270C	JKA
*Benzo(k)fluoranthene	U	0.374		mg/Kg dry	1	6/20/14 12:26	6/20/14 16:57	SW 8270C	JKA
*Benzo(g,h,i)perylene	U	0.374		mg/Kg dry	1	6/20/14 12:26	6/20/14 16:57	SW 8270C	JKA
*Benzo(a)pyrene	U	0.0673		mg/Kg dry	1	6/20/14 12:26	6/20/14 16:57	SW 8270C	JKA
*Chrysene	U	0.374		mg/Kg dry	1	6/20/14 12:26	6/20/14 16:57	SW 8270C	JKA
*Dibenz(a,h)anthracene	U	0.0673		mg/Kg dry	1	6/20/14 12:26	6/20/14 16:57	SW 8270C	JKA
*Fluoranthene	U	0.374		mg/Kg dry	1	6/20/14 12:26	6/20/14 16:57	SW 8270C	JKA
*Fluorene	U	0.374		mg/Kg dry	1	6/20/14 12:26	6/20/14 16:57	SW 8270C	JKA
*Indeno(1,2,3-cd)pyrene	U	0.374		mg/Kg dry	1	6/20/14 12:26	6/20/14 16:57	SW 8270C	JKA
***Naphthalene**	**1.24**	0.374		mg/Kg dry	1	6/20/14 12:26	6/20/14 16:57	SW 8270C	JKA
*Phenanthrene	U	0.374		mg/Kg dry	1	6/20/14 12:26	6/20/14 16:57	SW 8270C	JKA
*Pyrene	U	0.374		mg/Kg dry	1	6/20/14 12:26	6/20/14 16:57	SW 8270C	JKA
Surrogate: 2-Fluorobiphenyl		*84 %*		*38-122*		6/20/14 12:26	6/20/14 16:57	SW 8270C	JKA
Surrogate: Nitrobenzene-d5		*83 %*		*45-136*		6/20/14 12:26	6/20/14 16:57	SW 8270C	JKA
Surrogate: 4-Terphenyl-d14		*97 %*		*57-122*		6/20/14 12:26	6/20/14 16:57	SW 8270C	JKA
Conventional Chemistry Parameters									
***pH**	**7.4**	0.010		pH Units	1	6/23/14 10:15	6/23/14 14:34	SW 9045C	JLS
Percent Solids	**86.6**	0.100		%	1	6/20/14 15:04	6/23/14 10:30	ASTM D2974	CCD

Prairie Analytical Systems, Inc. **Date:** 6/25/2014

LABORATORY RESULTS

Client: True North Consultants
Project: Thatecher Ave Storm Sewer: Elmwood Park **Lab Order:** 14F0428
Client Sample ID: B-7-6 **Lab ID:** 14F0428-02
Collection Date: 6/18/14 13:15 **Matrix:** Solid

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
Semi-Volatile Organic Compounds by GC-MS									
*Acenaphthene	U	0.399		mg/Kg dry	1	6/20/14 12:26	6/20/14 17:29	SW 8270C	JKA
*Acenaphthylene	U	0.399		mg/Kg dry	1	6/20/14 12:26	6/20/14 17:29	SW 8270C	JKA
*Anthracene	U	0.399		mg/Kg dry	1	6/20/14 12:26	6/20/14 17:29	SW 8270C	JKA
*Benzo(a)anthracene	U	0.399		mg/Kg dry	1	6/20/14 12:26	6/20/14 17:29	SW 8270C	JKA
*Benzo(b)fluoranthene	U	0.399		mg/Kg dry	1	6/20/14 12:26	6/20/14 17:29	SW 8270C	JKA
*Benzo(k)fluoranthene	U	0.399		mg/Kg dry	1	6/20/14 12:26	6/20/14 17:29	SW 8270C	JKA
*Benzo(g,h,i)perylene	U	0.399		mg/Kg dry	1	6/20/14 12:26	6/20/14 17:29	SW 8270C	JKA
*Benzo(a)pyrene	U	0.0719		mg/Kg dry	1	6/20/14 12:26	6/20/14 17:29	SW 8270C	JKA
*Chrysene	U	0.399		mg/Kg dry	1	6/20/14 12:26	6/20/14 17:29	SW 8270C	JKA
*Dibenz(a,h)anthracene	U	0.0719		mg/Kg dry	1	6/20/14 12:26	6/20/14 17:29	SW 8270C	JKA
*Fluoranthene	U	0.399		mg/Kg dry	1	6/20/14 12:26	6/20/14 17:29	SW 8270C	JKA
*Fluorene	U	0.399		mg/Kg dry	1	6/20/14 12:26	6/20/14 17:29	SW 8270C	JKA
*Indeno(1,2,3-cd)pyrene	U	0.399		mg/Kg dry	1	6/20/14 12:26	6/20/14 17:29	SW 8270C	JKA
*Naphthalene	U	0.399		mg/Kg dry	1	6/20/14 12:26	6/20/14 17:29	SW 8270C	JKA
*Phenanthrene	U	0.399		mg/Kg dry	1	6/20/14 12:26	6/20/14 17:29	SW 8270C	JKA
*Pyrene	U	0.399		mg/Kg dry	1	6/20/14 12:26	6/20/14 17:29	SW 8270C	JKA
Surrogate: 2-Fluorobiphenyl		*77 %*		*38-122*		6/20/14 12:26	6/20/14 17:29	SW 8270C	JKA
Surrogate: Nitrobenzene-d5		*82 %*		*45-136*		6/20/14 12:26	6/20/14 17:29	SW 8270C	JKA
Surrogate: 4-Terphenyl-d14		*88 %*		*57-122*		6/20/14 12:26	6/20/14 17:29	SW 8270C	JKA
Conventional Chemistry Parameters									
***pH**	**9.5**	0.010		pH Units	1	6/23/14 10:15	6/23/14 14:34	SW 9045C	JLS
Percent Solids	**81.4**	0.100		%	1	6/20/14 15:04	6/23/14 10:30	ASTM D2974	CCD

Prairie Analytical Systems, Inc. **Date:** 6/25/2014

LABORATORY RESULTS

Client: True North Consultants
Project: Thatecher Ave Storm Sewer: Elmwood Park **Lab Order:** 14F0428
Client Sample ID: B-8-3 **Lab ID:** 14F0428-03
Collection Date: 6/18/14 13:30 **Matrix:** Solid

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
Semi-Volatile Organic Compounds by GC-MS									
*Acenaphthene	U	0.404		mg/Kg dry	1	6/20/14 12:26	6/20/14 18:00	SW 8270C	JKA
*Acenaphthylene	U	0.404		mg/Kg dry	1	6/20/14 12:26	6/20/14 18:00	SW 8270C	JKA
*Anthracene	U	0.404		mg/Kg dry	1	6/20/14 12:26	6/20/14 18:00	SW 8270C	JKA
*Benzo(a)anthracene	U	0.404		mg/Kg dry	1	6/20/14 12:26	6/20/14 18:00	SW 8270C	JKA
*Benzo(b)fluoranthene	U	0.404		mg/Kg dry	1	6/20/14 12:26	6/20/14 18:00	SW 8270C	JKA
*Benzo(k)fluoranthene	U	0.404		mg/Kg dry	1	6/20/14 12:26	6/20/14 18:00	SW 8270C	JKA
*Benzo(g,h,i)perylene	U	0.404		mg/Kg dry	1	6/20/14 12:26	6/20/14 18:00	SW 8270C	JKA
***Benzo(a)pyrene**	**0.254**	0.0728		mg/Kg dry	1	6/20/14 12:26	6/20/14 18:00	SW 8270C	JKA
*Chrysene	U	0.404		mg/Kg dry	1	6/20/14 12:26	6/20/14 18:00	SW 8270C	JKA
*Dibenz(a,h)anthracene	U	0.0728		mg/Kg dry	1	6/20/14 12:26	6/20/14 18:00	SW 8270C	JKA
***Fluoranthene**	**1.06**	0.404		mg/Kg dry	1	6/20/14 12:26	6/20/14 18:00	SW 8270C	JKA
*Fluorene	U	0.404		mg/Kg dry	1	6/20/14 12:26	6/20/14 18:00	SW 8270C	JKA
*Indeno(1,2,3-cd)pyrene	U	0.404		mg/Kg dry	1	6/20/14 12:26	6/20/14 18:00	SW 8270C	JKA
*Naphthalene	U	0.404		mg/Kg dry	1	6/20/14 12:26	6/20/14 18:00	SW 8270C	JKA
***Phenanthrene**	**1.13**	0.404		mg/Kg dry	1	6/20/14 12:26	6/20/14 18:00	SW 8270C	JKA
***Pyrene**	**0.787**	0.404		mg/Kg dry	1	6/20/14 12:26	6/20/14 18:00	SW 8270C	JKA
Surrogate: 2-Fluorobiphenyl		*85 %*		*38-122*		6/20/14 12:26	6/20/14 18:00	SW 8270C	JKA
Surrogate: Nitrobenzene-d5		*91 %*		*45-136*		6/20/14 12:26	6/20/14 18:00	SW 8270C	JKA
Surrogate: 4-Terphenyl-d14		*98 %*		*57-122*		6/20/14 12:26	6/20/14 18:00	SW 8270C	JKA
Conventional Chemistry Parameters									
***pH**	**7.9**	0.010		pH Units	1	6/23/14 10:15	6/23/14 14:34	SW 9045C	JLS
Percent Solids	**81.3**	0.100		%	1	6/20/14 15:04	6/23/14 10:30	ASTM D2974	CCD

Prairie Analytical Systems, Inc. **Date:** 6/25/2014

LABORATORY RESULTS

Client: True North Consultants
Project: Thatecher Ave Storm Sewer: Elmwood Park **Lab Order:** 14F0428
Client Sample ID: B-8-6 **Lab ID:** 14F0428-04
Collection Date: 6/18/14 13:45 **Matrix:** Solid

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
Semi-Volatile Organic Compounds by GC-MS									
*Acenaphthene	U	0.384		mg/Kg dry	1	6/20/14 12:26	6/20/14 20:05	SW 8270C	JKA
*Acenaphthylene	U	0.384		mg/Kg dry	1	6/20/14 12:26	6/20/14 20:05	SW 8270C	JKA
*Anthracene	U	0.384		mg/Kg dry	1	6/20/14 12:26	6/20/14 20:05	SW 8270C	JKA
*Benzo(a)anthracene	U	0.384		mg/Kg dry	1	6/20/14 12:26	6/20/14 20:05	SW 8270C	JKA
*Benzo(b)fluoranthene	U	0.384		mg/Kg dry	1	6/20/14 12:26	6/20/14 20:05	SW 8270C	JKA
*Benzo(k)fluoranthene	U	0.384		mg/Kg dry	1	6/20/14 12:26	6/20/14 20:05	SW 8270C	JKA
*Benzo(g,h,i)perylene	U	0.384		mg/Kg dry	1	6/20/14 12:26	6/20/14 20:05	SW 8270C	JKA
*Benzo(a)pyrene	U	0.0691		mg/Kg dry	1	6/20/14 12:26	6/20/14 20:05	SW 8270C	JKA
*Chrysene	U	0.384		mg/Kg dry	1	6/20/14 12:26	6/20/14 20:05	SW 8270C	JKA
*Dibenz(a,h)anthracene	U	0.0691		mg/Kg dry	1	6/20/14 12:26	6/20/14 20:05	SW 8270C	JKA
*Fluoranthene	U	0.384		mg/Kg dry	1	6/20/14 12:26	6/20/14 20:05	SW 8270C	JKA
*Fluorene	U	0.384		mg/Kg dry	1	6/20/14 12:26	6/20/14 20:05	SW 8270C	JKA
*Indeno(1,2,3-cd)pyrene	U	0.384		mg/Kg dry	1	6/20/14 12:26	6/20/14 20:05	SW 8270C	JKA
*Naphthalene	U	0.384		mg/Kg dry	1	6/20/14 12:26	6/20/14 20:05	SW 8270C	JKA
*Phenanthrene	U	0.384		mg/Kg dry	1	6/20/14 12:26	6/20/14 20:05	SW 8270C	JKA
*Pyrene	U	0.384		mg/Kg dry	1	6/20/14 12:26	6/20/14 20:05	SW 8270C	JKA
Surrogate: 2-Fluorobiphenyl		*82 %*		*38-122*		6/20/14 12:26	6/20/14 20:05	SW 8270C	JKA
Surrogate: Nitrobenzene-d5		*96 %*		*45-136*		6/20/14 12:26	6/20/14 20:05	SW 8270C	JKA
Surrogate: 4-Terphenyl-d14		*90 %*		*57-122*		6/20/14 12:26	6/20/14 20:05	SW 8270C	JKA
Conventional Chemistry Parameters									
***pH**	**7.2**	0.010		pH Units	1	6/23/14 10:15	6/23/14 14:34	SW 9045C	JLS
Percent Solids	**84.1**	0.100		%	1	6/20/14 15:04	6/23/14 10:30	ASTM D2974	CCD

Prairie Analytical Systems, Inc. **Date:** 6/25/2014

LABORATORY RESULTS

Client: True North Consultants
Project: Thatecher Ave Storm Sewer: Elmwood Park **Lab Order:** 14F0428

Semi-Volatile Organic Compounds by GC-MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch X003258 - SW 3550B PNA										
Blank (X003258-BLK1)				Prepared & Analyzed: 06/20/2014						
Acenaphthene	U	0.333	mg/Kg wet							
Acenaphthylene	U	0.333	mg/Kg wet							
Anthracene	U	0.333	mg/Kg wet							
Benzo(a)anthracene	U	0.333	mg/Kg wet							
Benzo(b)fluoranthene	U	0.333	mg/Kg wet							
Benzo(k)fluoranthene	U	0.333	mg/Kg wet							
Benzo(g,h,i)perylene	U	0.333	mg/Kg wet							
Benzo(a)pyrene	U	0.0600	mg/Kg wet							
Chrysene	U	0.333	mg/Kg wet							
Dibenz(a,h)anthracene	U	0.0600	mg/Kg wet							
Fluoranthene	U	0.333	mg/Kg wet							
Fluorene	U	0.333	mg/Kg wet							
Indeno(1,2,3-cd)pyrene	U	0.333	mg/Kg wet							
Naphthalene	U	0.333	mg/Kg wet							
Phenanthrene	U	0.333	mg/Kg wet							
Pyrene	U	0.333	mg/Kg wet							
Surrogate: 2-Fluorobiphenyl	*0.603*		*mg/Kg wet*	*0.66667*		*90*	*38-122*			
Surrogate: Nitrobenzene-d5	*0.677*		*mg/Kg wet*	*0.66667*		*102*	*45-136*			
Surrogate: 4-Terphenyl-d14	*0.671*		*mg/Kg wet*	*0.66667*		*101*	*57-122*			
LCS (X003258-BS1)				Prepared & Analyzed: 06/20/2014						
Acenaphthene	0.679	0.333	mg/Kg wet	0.66667		102	50-135			
Acenaphthylene	0.673	0.333	mg/Kg wet	0.66667		101	51-134			
Anthracene	0.614	0.333	mg/Kg wet	0.66667		92	52-117			
Benzo(a)anthracene	0.647	0.333	mg/Kg wet	0.66667		97	50-126			
Benzo(b)fluoranthene	0.684	0.333	mg/Kg wet	0.66667		103	57-134			
Benzo(k)fluoranthene	0.679	0.333	mg/Kg wet	0.66667		102	59-168			
Benzo(g,h,i)perylene	0.694	0.333	mg/Kg wet	0.66667		104	56-147			
Benzo(a)pyrene	0.592	0.0600	mg/Kg wet	0.66667		89	41-133			
Chrysene	0.655	0.333	mg/Kg wet	0.66667		98	52-127			
Dibenz(a,h)anthracene	0.694	0.0600	mg/Kg wet	0.66667		104	60-170			
Fluoranthene	0.635	0.333	mg/Kg wet	0.66667		95	57-130			
Fluorene	0.672	0.333	mg/Kg wet	0.66667		101	47-154			
Indeno(1,2,3-cd)pyrene	0.735	0.333	mg/Kg wet	0.66667		110	59-132			
Naphthalene	0.610	0.333	mg/Kg wet	0.66667		92	40-135			
Phenanthrene	0.644	0.333	mg/Kg wet	0.66667		97	54-126			
Pyrene	0.624	0.333	mg/Kg wet	0.66667		94	57-132			
Surrogate: 2-Fluorobiphenyl	*0.602*		*mg/Kg wet*	*0.66667*		*90*	*38-122*			
Surrogate: Nitrobenzene-d5	*0.632*		*mg/Kg wet*	*0.66667*		*95*	*45-136*			
Surrogate: 4-Terphenyl-d14	*0.666*		*mg/Kg wet*	*0.66667*		*100*	*57-122*			

Prairie Analytical Systems, Inc. **Date:** 6/25/2014

LABORATORY RESULTS

Client: True North Consultants
Project: Thatecher Ave Storm Sewer: Elmwood Park **Lab Order:** 14F0428

Semi-Volatile Organic Compounds by GC-MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch X003258 - SW 3550B PNA										
Matrix Spike (X003258-MS1)		**Source: 14F0427-06**		Prepared & Analyzed: 06/20/2014						
Acenaphthene	1.02	0.367	mg/Kg dry	0.73560	0.621	55	50-135			
Acenaphthylene	0.609	0.367	mg/Kg dry	0.73560	ND	83	51-134			
Anthracene	1.66	0.367	mg/Kg dry	0.73560	1.80	NR	52-117			I
Benzo(a)anthracene	1.49	0.367	mg/Kg dry	0.73560	1.75	NR	50-126			I
Benzo(b)fluoranthene	1.30	0.367	mg/Kg dry	0.73560	1.66	NR	57-134			I
Benzo(k)fluoranthene	0.832	0.367	mg/Kg dry	0.73560	0.626	28	59-168			I
Benzo(g,h,i)perylene	1.01	0.367	mg/Kg dry	0.73560	0.863	20	56-147			I
Benzo(a)pyrene	1.08	0.0662	mg/Kg dry	0.73560	1.35	NR	41-133			I
Chrysene	1.62	0.367	mg/Kg dry	0.73560	1.80	NR	52-127			I
Dibenz(a,h)anthracene	0.638	0.0662	mg/Kg dry	0.73560	0.177	63	60-170			
Fluoranthene	3.14	0.367	mg/Kg dry	0.73560	4.32	NR	57-130			I
Fluorene	1.25	0.367	mg/Kg dry	0.73560	1.01	32	47-154			I
Indeno(1,2,3-cd)pyrene	1.13	0.367	mg/Kg dry	0.73560	1.03	14	59-132			I
Naphthalene	0.662	0.367	mg/Kg dry	0.73560	0.135	72	40-135			
Phenanthrene	3.31	0.367	mg/Kg dry	0.73560	4.34	NR	54-126			I
Pyrene	2.80	0.367	mg/Kg dry	0.73560	3.79	NR	57-132			I
Surrogate: 2-Fluorobiphenyl	*0.565*		*mg/Kg dry*	*0.73560*		*77*	*38-122*			
Surrogate: Nitrobenzene-d5	*0.634*		*mg/Kg dry*	*0.73560*		*86*	*45-136*			
Surrogate: 4-Terphenyl-d14	*0.681*		*mg/Kg dry*	*0.73560*		*93*	*57-122*			
Matrix Spike Dup (X003258-MSD1)		**Source: 14F0427-06**		Prepared & Analyzed: 06/20/2014						
Acenaphthene	0.864	0.362	mg/Kg dry	0.72465	0.621	33	50-135	17	20	I
Acenaphthylene	0.581	0.362	mg/Kg dry	0.72465	ND	80	51-134	5	20	
Anthracene	1.33	0.362	mg/Kg dry	0.72465	1.80	NR	52-117	22	20	C1, I
Benzo(a)anthracene	1.40	0.362	mg/Kg dry	0.72465	1.75	NR	50-126	6	20	C1, I
Benzo(b)fluoranthene	1.15	0.362	mg/Kg dry	0.72465	1.66	NR	57-134	12	20	C1, I
Benzo(k)fluoranthene	0.839	0.362	mg/Kg dry	0.72465	0.626	29	59-168	0.9	20	C1, I
Benzo(g,h,i)perylene	0.818	0.362	mg/Kg dry	0.72465	0.863	NR	56-147	21	20	C1, I
Benzo(a)pyrene	1.00	0.0652	mg/Kg dry	0.72465	1.35	NR	41-133	7	20	C1, I
Chrysene	1.32	0.362	mg/Kg dry	0.72465	1.80	NR	52-127	21	20	C1, I
Dibenz(a,h)anthracene	0.628	0.0652	mg/Kg dry	0.72465	0.177	62	60-170	2	20	
Fluoranthene	2.29	0.362	mg/Kg dry	0.72465	4.32	NR	57-130	31	20	C1, I
Fluorene	1.02	0.362	mg/Kg dry	0.72465	1.01	0.8	47-154	21	20	C1, I
Indeno(1,2,3-cd)pyrene	0.953	0.362	mg/Kg dry	0.72465	1.03	NR	59-132	17	20	C1, I
Naphthalene	0.628	0.362	mg/Kg dry	0.72465	0.135	68	40-135	5	20	
Phenanthrene	2.34	0.362	mg/Kg dry	0.72465	4.34	NR	54-126	34	20	C1, I
Pyrene	1.96	0.362	mg/Kg dry	0.72465	3.79	NR	57-132	35	20	C1, I
Surrogate: 2-Fluorobiphenyl	*0.584*		*mg/Kg dry*	*0.72465*		*81*	*38-122*			
Surrogate: Nitrobenzene-d5	*0.637*		*mg/Kg dry*	*0.72465*		*88*	*45-136*			
Surrogate: 4-Terphenyl-d14	*0.717*		*mg/Kg dry*	*0.72465*		*99*	*57-122*			

Prairie Analytical Systems, Inc. **Date:** 6/25/2014

LABORATORY RESULTS

Client: True North Consultants
Project: Thatecher Ave Storm Sewer: Elmwood Park **Lab Order:** 14F0428

Conventional Chemistry Parameters - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch X003279 - ASTM D2974 Solids										
Blank (X003279-BLK1)				Prepared: 06/20/2014 Analyzed: 06/23/2014						
Percent Solids	U	0.100	%							
Duplicate (X003279-DUP1)		**Source: 14F0467-01**		Prepared: 06/20/2014 Analyzed: 06/23/2014						
Percent Solids	90.5	0.100	%		90.4			0.2	20	
Batch X003294 - SW 9045C pH										
Duplicate (X003294-DUP1)		**Source: 14F0467-01**		Prepared & Analyzed: 06/23/2014						
pH	7.4	0.010	pH Units		7.5			1	5	

LABORATORY RESULTS

Client: True North Consultants
Project: Thatecher Ave Storm Sewer: Elmwood Park **Lab Order:** 14F0428

Notes and Definitions

I	Matrix interference.
C1	Analyte result confirmed by second analysis.
*	NELAC certified compound.
U	Analyte not detected (i.e. less than RL or MDL).

Chain of Custody Record

Central IL - 1210 Capital Airport Drive - Springfield, IL 62707-8490 - Phone (217) 753-1148 - Facsimile (217) 753-1152
Chicago IL Office - 9114 Virginia Rd., Ste 112 - Lake in the Hills, IL 60156 - Phone (847) 651-2604 - Facsimile (847) 458-9680
Central/Southern IL Office - Phone (217) 414-7762 - Facsimile (217) 223-7922

Prairie Analytical Systems, INCORPORATED
www.prairieanalytical.com

Client	True North Consultants
Address	1240 Iroquois Avenue, Suite 206
City, State, Zip Code	Naperville, Illinois 60563
Phone / Facsimile	630.717.2880/630.689.5881
Project Name / Number	Thatcher Avenue Storm Sewer
Project Location	Elmwood Park
P.O. # or Invoice To	T114335
Contact Person	Amber Kowal, Marjory McMahon, Brian Mihelich

Reporting: CCDD ■ MAC ☐ ; CALM ☐ A ☐ B ☐ C ☐ D ☐ E ☐ F ; RISC ☐ Resid ☐ Indust

Sample Description	Sampling Date	Sampling Time	Matrix Code	Preserv Code	No. of Containers	Sample Type Comp	Sample Type Grab	PNAs	pH								Sampler Comments
B-7-3	6/18/2014	1300	S	0	1		x	x	x								
B-7-6	6/18/2014	1315	S	0	1		x	x	x								
B-8-3	6/18/2014	1330	S	0	1		x	x	x								
B-8-6	6/18/2014	1345	S	0	1		x	x	x								

Matrix Code	A - Aqueous	DW - Drinking Water	GW - Ground Water	NA - Non-Aqueous Liquid	S - Solid	O - Oil	X - Other (Specify)
Preserv Code	0 - None	1 - HCl	2 - H2SO4	3 - HNO3	4 - NaOH	5 - 5035 Kit	X - Other (Specify)

Relinquished By	Date	Time	Received By	Date	Time	Method of Shipment
Amber Kowa	6/18/2014	1540		6/18/14	1540	
	6/18/14	1730				
				6-19-14	9:30	UPS

Special Instructions:

Turnaround Time: Standard ■ Rush ☐
Date Required: Standard

QC Level: 1 ☐ 2 ■ 3 ☐ 4 ☐

On wet ice? Yes No

Temperature (°C): 3.0

Copies: White - Client / Yellow - PAS, Inc. / Pink - Sampler

TOP 4 ft soil to LANDFILL (VEOLA)
± 300 LF

EXISTING ROW

PROPOSED CLOSURE STRUCTURE

FOREST PRESERVE ENTRANCE

PROPOSED FLOOD WALL

MATCH LINE STA. 312+00

312

313

314

THATCHER AVE

315+00

EXISTING ROW

EXISTING ROW

BLOOMINGDALE AVE

EXISTING ROW

DAM

REVETMENT MAT

F THE U.S.

DING, FURNISH AND
& EROSION CONTROL BLANKET

DING, FURNISH AND
& HD EROSION
SPECIAL)

PROPOSED FLOOD WALL

TEMPORARY SEDIMENT FILTER BAG

EXISTING ROW

MATCH LINE STA. 316+50

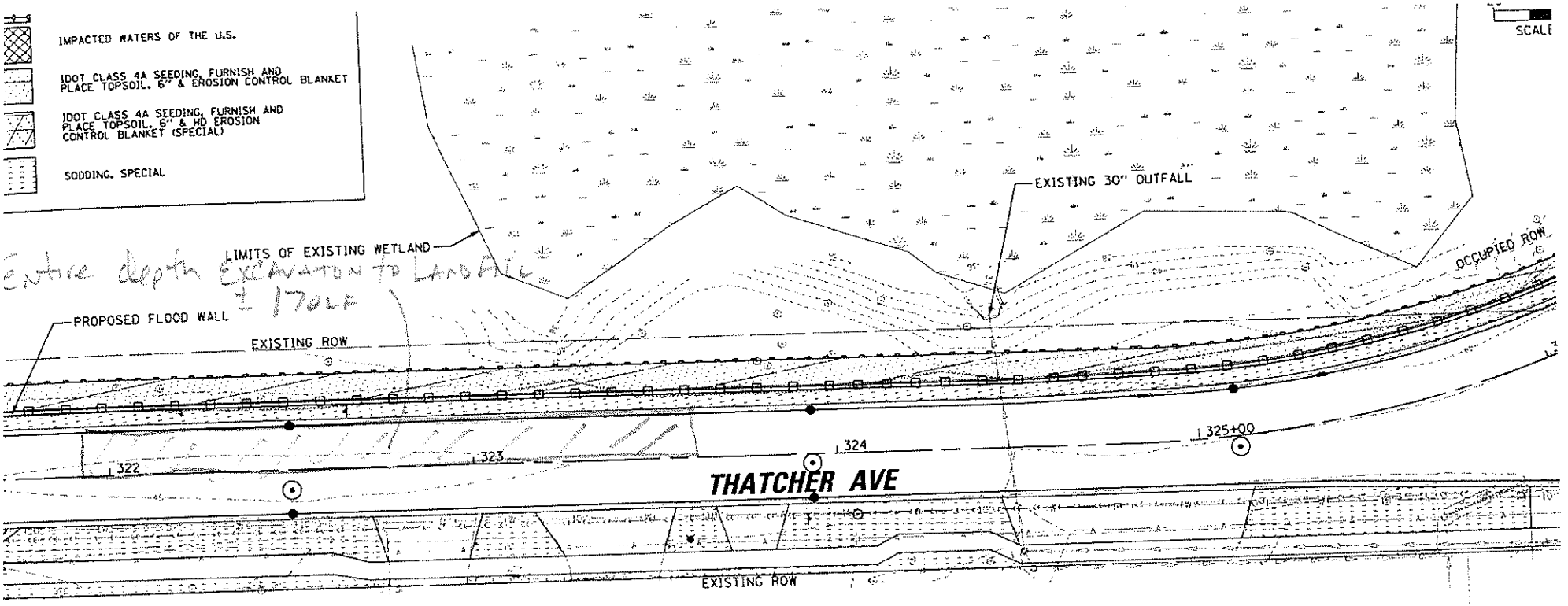
317

318

319

320+00

THATCHER AVE


IMPACTED WATERS OF THE U.S.
IDOT CLASS 4A SEEDING, FURNISH AND PLACE TOPSOIL, 6" & EROSION CONTROL BLANKET
IDOT CLASS 4A SEEDING, FURNISH AND PLACE TOPSOIL, 6" & HD EROSION CONTROL BLANKET (SPECIAL)
SODDING, SPECIAL
SCALE
EXISTING 30" OUTFALL
LIMITS OF EXISTING WETLAND
Entire depth EXCAVATION TO LANDFILL
± 1700LF
PROPOSED FLOOD WALL
EXISTING ROW
OCCUPIED ROW
322
323
324
325+00
THATCHER AVE
EXISTING ROW

DSGN.