EMSL Analytical, Inc.
200 Route 130 North, Cinnaminson, NJ 08077
Phone: (856) 303-2500 Fax: (856) 858-4571 Email: EnvChemistry2@emsl.com

Attn: **Marco DiCiero**
ABC Construction
36-16 19th Avenue
Astoria, NY 11105

Phone: (718) 729-2501
Fax: (718) 729-2509

6/24/2016

The following analytical report covers the analysis performed on samples submitted to EMSL Analytical, Inc. on 6/17/2016. The results are tabulated on the attached data pages for the following client designated project:

PK 432X (2500 Webster Ave Bronx NY)

The reference number for these samples is EMSL Order #011603974. Please use this reference when calling about these samples. If you have any questions, please do not hesitate to contact me at (856) 303-2500.

Reviewed and Approved By:

Phillip Worby, Chemistry Laboratory Manager

The test results contained within this report meet the requirements of NELAP and/or the specific certification program that is applicable, unless otherwise noted.
NELAP Certifications: NJ 03036, NY 10872, PA 68-00367

The samples associated with this report were received in good condition unless otherwise noted. This report relates only to those items tested as received by the laboratory. The QC data associated with the sample results meet the recovery and precision requirements established by the NELAP, unless specifically indicated. All results for soil samples are reported on a dry weight basis, unless otherwise noted. This report may not be reproduced except in full and without written approval by EMSL Analytical, Inc.

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EMSL Order: 011603974
CustomerID: ABCC51
CustomerPO:
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Received: 06/17/16 9:30 AM

Project: **PK 432X (2500 Webster Ave Bronx NY)**

Analytical Results

Client Sample Description PK 432X Soil ***Collected:*** 6/16/2016 ***Lab ID:*** *0001*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date*	*Analyst*	*Analysis Date*	*Analyst*
1010 Modified	Ignitability (performed as flashpoint)	>180	N/A	°F	6/23/2016	TD	6/23/2016	TD
SM 2540G	Total Solids	90	N/A	%	6/20/2016	TD	6/20/2016	TD
3550C/8082A	Aroclor-1016	ND	18	µg/Kg	6/21/2016	TC	6/22/2016	EH
3550C/8082A	Aroclor-1221	ND	18	µg/Kg	6/21/2016	TC	6/22/2016	EH
3550C/8082A	Aroclor-1232	ND	18	µg/Kg	6/21/2016	TC	6/22/2016	EH
3550C/8082A	Aroclor-1242	ND	18	µg/Kg	6/21/2016	TC	6/22/2016	EH
3550C/8082A	Aroclor-1248	ND	18	µg/Kg	6/21/2016	TC	6/22/2016	EH
3550C/8082A	Aroclor-1254	ND	18	µg/Kg	6/21/2016	TC	6/22/2016	EH
3550C/8082A	Aroclor-1260	ND	18	µg/Kg	6/21/2016	TC	6/22/2016	EH
3550C/8082A	Aroclor-1262	ND	18	µg/Kg	6/21/2016	TC	6/22/2016	EH
3550C/8082A	Aroclor-1268	ND	18	µg/Kg	6/21/2016	TC	6/22/2016	EH
3550C/8270D	Acenaphthene	ND	18	µg/Kg	6/20/2016	TC	6/24/2016	EA
3550C/8270D	Acenaphthylene	ND	18	µg/Kg	6/20/2016	TC	6/24/2016	EA
3550C/8270D	Anthracene	19	18	µg/Kg	6/20/2016	TC	6/24/2016	EA
3550C/8270D	Benzo(a)anthracene	110	18	µg/Kg	6/20/2016	TC	6/24/2016	EA
3550C/8270D	Benzo(a)pyrene	100	18	µg/Kg	6/20/2016	TC	6/24/2016	EA
3550C/8270D	Benzo(b)fluoranthene	150	18	µg/Kg	6/20/2016	TC	6/24/2016	EA
3550C/8270D	Benzo(g,h,i)perylene	78	18	µg/Kg	6/20/2016	TC	6/24/2016	EA
3550C/8270D	Benzo(k)fluoranthene	60	18	µg/Kg	6/20/2016	TC	6/24/2016	EA
3550C/8270D	Chrysene	120	18	µg/Kg	6/20/2016	TC	6/24/2016	EA
3550C/8270D	Dibenz(a,h)anthracene	ND	18	µg/Kg	6/20/2016	TC	6/24/2016	EA
3550C/8270D	Fluoranthene	170	18	µg/Kg	6/20/2016	TC	6/24/2016	EA
3550C/8270D	Fluorene	ND	18	µg/Kg	6/20/2016	TC	6/24/2016	EA
3550C/8270D	Indeno(1,2,3-cd)pyrene	72	18	µg/Kg	6/20/2016	TC	6/24/2016	EA
3550C/8270D	Naphthalene	ND	18	µg/Kg	6/20/2016	TC	6/24/2016	EA
3550C/8270D	Phenanthrene	74	18	µg/Kg	6/20/2016	TC	6/24/2016	EA
3550C/8270D	Pyrene	190	18	µg/Kg	6/20/2016	TC	6/24/2016	EA
3050B/6010C	Arsenic	3.9	2.2	mg/Kg	6/20/2016	SM	6/21/2016	JS
3050B/6010C	Barium	66	11	mg/Kg	6/20/2016	SM	6/24/2016	JS
3050B/6010C	Cadmium	ND	0.44	mg/Kg	6/20/2016	SM	6/21/2016	JS
3050B/6010C	Chromium	33	1.1	mg/Kg	6/20/2016	SM	6/24/2016	JS
3050B/6010C	Lead	36	1.1	mg/Kg	6/20/2016	SM	6/21/2016	JS
3050B/6010C	Selenium	ND	2.2	mg/Kg	6/20/2016	SM	6/21/2016	JS
3050B/6010C	Silver	ND	1.1	mg/Kg	6/20/2016	SM	6/24/2016	JS
TCLP 1311/6010C	Arsenic	ND	0.10	mg/L	6/21/2016	SM	6/22/2016	JS
TCLP 1311/6010C	Barium	0.54	0.50	mg/L	6/21/2016	SM	6/21/2016	JS

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Received: 06/17/16 9:30 AM

Project: **PK 432X (2500 Webster Ave Bronx NY)**

Analytical Results

Client Sample Description PK 432X Soil ***Collected:*** 6/16/2016 ***Lab ID:*** *0001*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date*	*Analyst*	*Analysis Date*	*Analyst*
TCLP 1311/6010C	Cadmium	ND	0.10	mg/L	6/21/2016	SM	6/21/2016	JS
TCLP 1311/6010C	Chromium	ND	0.10	mg/L	6/21/2016	SM	6/21/2016	JS
TCLP 1311/6010C	Lead	ND	0.10	mg/L	6/21/2016	SM	6/21/2016	JS
TCLP 1311/6010C	Selenium	ND	0.10	mg/L	6/21/2016	SM	6/22/2016	JS
TCLP 1311/6010C	Silver	ND	0.10	mg/L	6/21/2016	SM	6/21/2016	JS
TCLP 1311/7470A	Mercury	ND	0.0020	mg/L	6/22/2016	CM	6/22/2016	CM
7471B	Mercury	0.069	0.050	mg/Kg	6/20/2016	CM	6/20/2016	CM
8015D	Diesel Range Organics	15	3.7	mg/Kg	6/22/2016	TC	6/23/2016	EA
8015D	Gasoline Range Organics	ND	5.6	mg/Kg	6/22/2016	EA	6/22/2016	EA
The ICV recovery for GRO was outside of the method control limits (high).								
8260C	1,1,1,2-Tetrachloroethane	ND	5.5	µg/Kg	6/21/2016	WF	6/21/2016	WF
8260C	1,1,1-Trichloroethane	ND	5.5	µg/Kg	6/21/2016	WF	6/21/2016	WF
8260C	1,1,2,2-Tetrachloroethane	ND	5.5	µg/Kg	6/21/2016	WF	6/21/2016	WF
8260C	1,1,2-Trichloroethane	ND	5.5	µg/Kg	6/21/2016	WF	6/21/2016	WF
8260C	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.5	µg/Kg	6/21/2016	WF	6/21/2016	WF
8260C	1,1-Dichloroethane	ND	5.5	µg/Kg	6/21/2016	WF	6/21/2016	WF
8260C	1,1-Dichloroethene	ND	5.5	µg/Kg	6/21/2016	WF	6/21/2016	WF
8260C	1,1-Dichloropropene	ND	5.5	µg/Kg	6/21/2016	WF	6/21/2016	WF
8260C	1,2,3-Trichlorobenzene	ND	5.5	µg/Kg	6/21/2016	WF	6/21/2016	WF
8260C	1,2,3-Trichloropropane	ND	5.5	µg/Kg	6/21/2016	WF	6/21/2016	WF
8260C	1,2,4-Trichlorobenzene	ND	5.5	µg/Kg	6/21/2016	WF	6/21/2016	WF
8260C	1,2,4-Trimethylbenzene	ND	5.5	µg/Kg	6/21/2016	WF	6/21/2016	WF
8260C	1,2-Dibromo-3-chloropropane	ND	11	µg/Kg	6/21/2016	WF	6/21/2016	WF
8260C	1,2-Dibromoethane	ND	5.5	µg/Kg	6/21/2016	WF	6/21/2016	WF
8260C	1,2-Dichlorobenzene	ND	5.5	µg/Kg	6/21/2016	WF	6/21/2016	WF
8260C	1,2-Dichloroethane	ND	5.5	µg/Kg	6/21/2016	WF	6/21/2016	WF
8260C	1,2-Dichloropropane	ND	5.5	µg/Kg	6/21/2016	WF	6/21/2016	WF
8260C	1,3,5-Trimethylbenzene	ND	5.5	µg/Kg	6/21/2016	WF	6/21/2016	WF
8260C	1,3-Dichlorobenzene	ND	5.5	µg/Kg	6/21/2016	WF	6/21/2016	WF
8260C	1,3-Dichloropropane	ND	5.5	µg/Kg	6/21/2016	WF	6/21/2016	WF
8260C	1,4-Dichlorobenzene	ND	5.5	µg/Kg	6/21/2016	WF	6/21/2016	WF
8260C	2,2-Dichloropropane	ND	5.5	µg/Kg	6/21/2016	WF	6/21/2016	WF
8260C	2-Butanone	ND	11	µg/Kg	6/21/2016	WF	6/21/2016	WF
8260C	2-Chloroethyl Vinyl Ether	ND	11	µg/Kg	6/21/2016	WF	6/21/2016	WF
8260C	2-Chlorotoluene	ND	5.5	µg/Kg	6/21/2016	WF	6/21/2016	WF
8260C	2-Hexanone	ND	11	µg/Kg	6/21/2016	WF	6/21/2016	WF

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Project: **PK 432X (2500 Webster Ave Bronx NY)**

Analytical Results

Client Sample Description PK 432X Soil ***Collected:*** 6/16/2016 ***Lab ID:*** *0001*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date*	*Analyst*	*Analysis Date*	*Analyst*
8260C	4-Chlorotoluene	ND	5.5	µg/Kg	6/21/2016	WF	6/21/2016	WF
8260C	4-Isopropyltoluene	ND	5.5	µg/Kg	6/21/2016	WF	6/21/2016	WF
8260C	4-Methyl-2-pentanone	ND	11	µg/Kg	6/21/2016	WF	6/21/2016	WF
8260C	Acetone	ND	11	µg/Kg	6/21/2016	WF	6/21/2016	WF
8260C	Acetonitrile	ND	55	µg/Kg	6/21/2016	WF	6/21/2016	WF
8260C	Acrolein	ND	22	µg/Kg	6/21/2016	WF	6/21/2016	WF
8260C	Acrylonitrile	ND	11	µg/Kg	6/21/2016	WF	6/21/2016	WF
8260C	Benzene	ND	5.5	µg/Kg	6/21/2016	WF	6/21/2016	WF
8260C	Bromobenzene	ND	5.5	µg/Kg	6/21/2016	WF	6/21/2016	WF
8260C	Bromochloromethane	ND	5.5	µg/Kg	6/21/2016	WF	6/21/2016	WF
8260C	Bromodichloromethane	ND	5.5	µg/Kg	6/21/2016	WF	6/21/2016	WF
8260C	Bromoform	ND	5.5	µg/Kg	6/21/2016	WF	6/21/2016	WF
8260C	Bromomethane	ND	5.5	µg/Kg	6/21/2016	WF	6/21/2016	WF
8260C	Carbon Disulfide	ND	5.5	µg/Kg	6/21/2016	WF	6/21/2016	WF
8260C	Carbon Tetrachloride	ND	5.5	µg/Kg	6/21/2016	WF	6/21/2016	WF
8260C	Chlorobenzene	ND	5.5	µg/Kg	6/21/2016	WF	6/21/2016	WF
8260C	Chloroethane	ND	5.5	µg/Kg	6/21/2016	WF	6/21/2016	WF
8260C	Chloroform	ND	5.5	µg/Kg	6/21/2016	WF	6/21/2016	WF
8260C	Chloromethane	ND	5.5	µg/Kg	6/21/2016	WF	6/21/2016	WF
8260C	Cis-1,2-dichloroethene	ND	5.5	µg/Kg	6/21/2016	WF	6/21/2016	WF
8260C	Cis-1,3-dichloropropene	ND	5.5	µg/Kg	6/21/2016	WF	6/21/2016	WF
8260C	Dibromochloromethane	ND	5.5	µg/Kg	6/21/2016	WF	6/21/2016	WF
8260C	Dibromomethane	ND	5.5	µg/Kg	6/21/2016	WF	6/21/2016	WF
8260C	Dichlorodifluoromethane	ND	5.5	µg/Kg	6/21/2016	WF	6/21/2016	WF
8260C	Ethylbenzene	ND	5.5	µg/Kg	6/21/2016	WF	6/21/2016	WF
8260C	Hexachlorobutadiene	ND	5.5	µg/Kg	6/21/2016	WF	6/21/2016	WF
8260C	Hexachloroethane	ND	5.5	µg/Kg	6/21/2016	WF	6/21/2016	WF
8260C	Isopropylbenzene	ND	5.5	µg/Kg	6/21/2016	WF	6/21/2016	WF
8260C	m&p-xylenes	ND	11	µg/Kg	6/21/2016	WF	6/21/2016	WF
8260C	o-xylene	ND	5.5	µg/Kg	6/21/2016	WF	6/21/2016	WF
8260C	Methyl-tert butyl ether	ND	5.5	µg/Kg	6/21/2016	WF	6/21/2016	WF
8260C	N-butylbenzene	ND	5.5	µg/Kg	6/21/2016	WF	6/21/2016	WF
8260C	Methylene Chloride	ND	5.5	µg/Kg	6/21/2016	WF	6/21/2016	WF
8260C	N-propylbenzene	ND	5.5	µg/Kg	6/21/2016	WF	6/21/2016	WF
8260C	Naphthalene	ND	5.5	µg/Kg	6/21/2016	WF	6/21/2016	WF
8260C	Sec-butylbenzene	ND	5.5	µg/Kg	6/21/2016	WF	6/21/2016	WF
8260C	Styrene	ND	5.5	µg/Kg	6/21/2016	WF	6/21/2016	WF

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Analytical Results

Client Sample Description PK 432X Soil ***Collected:*** 6/16/2016 ***Lab ID:*** *0001*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date*	*Analyst*	*Analysis Date*	*Analyst*
8260C	tert-Butyl Alcohol	ND	22	µg/Kg	6/21/2016	WF	6/21/2016	WF
8260C	Tert-butylbenzene	ND	5.5	µg/Kg	6/21/2016	WF	6/21/2016	WF
8260C	Tetrachloroethene	ND	5.5	µg/Kg	6/21/2016	WF	6/21/2016	WF
8260C	Tetrahydrofuran	ND	11	µg/Kg	6/21/2016	WF	6/21/2016	WF
8260C	Toluene	ND	5.5	µg/Kg	6/21/2016	WF	6/21/2016	WF
8260C	Trans-1,2-dichloroethene	ND	5.5	µg/Kg	6/21/2016	WF	6/21/2016	WF
8260C	Trans-1,3-dichloropropene	ND	5.5	µg/Kg	6/21/2016	WF	6/21/2016	WF
8260C	Trans-1,4-dichloro-2-butene	ND	5.5	µg/Kg	6/21/2016	WF	6/21/2016	WF
8260C	Trichloroethene	ND	5.5	µg/Kg	6/21/2016	WF	6/21/2016	WF
8260C	Trichlorofluoromethane	ND	5.5	µg/Kg	6/21/2016	WF	6/21/2016	WF
8260C	Vinyl Acetate	ND	11	µg/Kg	6/21/2016	WF	6/21/2016	WF
8260C	Vinyl Chloride	ND	5.5	µg/Kg	6/21/2016	WF	6/21/2016	WF
9010B/9014	Reactive Cyanide as Total Cyanide	ND	0.54	mg/Kg	6/23/2016	XY	6/23/2016	XY
9030B/9034	Reactive Sulfide as Total Sulfide	ND	2.2	mg/Kg	6/21/2016	MM	6/21/2016	MM
9045D Time analyzed 14:05	pH	8.53	N/A	ph Units	6/22/2016	XY	6/22/2016	XY

Definitions:

ND - indicates that the analyte was not detected at the reporting limit
RL - Reporting Limit