



ADDENDUM

Public Building Commission of Chicago | Richard J. Daley Center | 50 West Washington Street, Room 200 | Chicago, Illinois 60602 | (312) 744-3090 | pbccchicago.com

ADDENDUM NO.: 01
PROJECT NAME: CDOT – Lincoln Square Brown Line Area Improvements
PROJECT NO.: 22705
CONTRACT NO.: C1612
DATE OF ISSUE: July 30, 2024

NOTICE OF CHANGES, MODIFICATIONS, OR CLARIFICATIONS TO CONTRACT DOCUMENTS

The following changes, modifications, or clarifications are hereby incorporated and made an integral part of the Contract Documents. Unless clearly expressed otherwise by this Addendum, all terms and conditions defined in the original Contract Documents shall continue in full force and effect and shall have the same meaning in this Addendum. Issued Addenda represent responses/clarifications to various inquiries. Contractors shall be responsible for including all associated labor/material costs in its bid. Drawings/specifications corresponding to inquiry responses will be issued with the Issue for Construction Documents, upon issuance of building permit.

ITEM NO. 1: CHANGE TO KEY DATES
None.

ITEM NO. 2: REVISIONS TO BOOK 1 – PBC INSTRUCTIONS TO BIDDERS
None.

ITEM NO. 3: REVISIONS TO BOOK 2 – PBC STANDARD TERMS AND CONDITIONS
None.

ITEM NO. 4: REVISIONS TO BOOK 3 – TECHNICAL SPECIFICATIONS/REPORTS
Change 1 ADD Environmental Report for Clean Construction Demolition Debris (CCDD) Report w/LPC-663 IEPA Form and Analytical Data, dated October 4, 2023

ITEM NO. 5: REVISIONS TO DRAWINGS
Change 1 DELETE Drawings MOT-1 and REPLACE WITH attached. 'Milestone Completion Dates' Description was updated.

ITEM NO. 6: REQUESTS FOR INFORMATION
None.

This Addendum includes the following attached Specifications and/or Documents:

1. Report - Environmental Report for Clean Construction Demolition Debris (CCDD) Report w/LPC-663 IEPA Form and Analytical Data, dated October 4, 2023

This Addendum includes the following attached Drawings:

1. MOT-1 – MAINTENANCE OF TRAFFIC GENERAL NOTES, KEY PLAN & SEQUENCING, dated July 30, 2024.

END OF ADDENDUM NO. 01



Illinois Environmental Protection Agency

1021 North Grand Avenue East • P.O. Box 19276 • Springfield • Illinois • 62794-9276 • (217) 782-3397

Uncontaminated Soil Certification by Licensed Professional Engineer or Licensed Professional Geologist for Use of Uncontaminated Soil as Fill in a CCDD or Uncontaminated Soil Fill Operation LPC-663

Revised in accordance with 35 Ill. Adm. Code 1100, as amended by PCB R2012-009 (eff. Aug. 27, 2012)

This certification form is to be used by professional engineers and professional geologists to certify, pursuant to 35 Ill. Adm. Code 1100.205(a)(1)(B), that soil (i) is uncontaminated soil and (ii) is within a pH range of 6.26 to 9.0. If you have questions about this form, please telephone the Bureau of Land Permit Section at 217/524-3300.

This form may be completed online, saved locally, printed and signed, and submitted to prospective clean construction or demolition debris (CCDD) fill operations or uncontaminated soil fill operations.

I. Source Location Information

(Describe the location of the source of the uncontaminated soil)

Project Name: Lincoln Square Brown Line Office Phone Number, if available: _____

Physical Site Location (address, including number and street):

2400 W. Leland Avenue

City: Chicago State: IL Zip Code: 60625

County: Cook Township: Lake View

Lat/Long of approximate center of site in decimal degrees (DD.ddddd) to five decimal places (e.g., 40.67890, -90.12345):

Latitude: 41.9667 Longitude: - 87.6882

(Decimal Degrees) (-Decimal Degrees)

Identify how the lat/long data were determined:

GPS Map Interpolation Photo Interpolation Survey Other

IEPA Site Number(s), if assigned: BOL: _____ BOW: _____ BOA: _____

Approximate Start Date (mm/dd/yyyy): _____ Approximate End Date (mm/dd/yyyy): _____

Estimated Volume of debris (cu. Yd.): _____

II. Owner/Operator Information for Source Site

Site Owner

Name: _____ City of Chicago

Street Address: _____ 2 North LaSalle Street

PO Box: _____

City: _____ Chicago State: _____ IL

Zip Code: _____ 60602 Phone: _____ 312-742-2837

Contact: _____ Lubica Benak

Email, if available: _____ Lubica.Benak@cityofchicago.org

Site Operator

Name: _____ City of Chicago

Street Address: _____ 2 North LaSalle Street

PO Box: _____

City: _____ Chicago State: _____ IL

Zip Code: _____ 60602 Phone: _____ 312-742-2837

Contact: _____ Lubica Benak

Email, if available: _____ Lubica.Benak@cityofchicago.org

This Agency is authorized to require this information under Section 4 and Title X of the Environmental Protection Act (415 ILCS 5/4, 5/39). Failure to disclose this information may result in: a civil penalty of not to exceed \$50,000 for the violation and an additional civil penalty of not to exceed \$10,000 for each day during which the violation continues (415 ILCS 5/42). This form has been approved by the Forms Management Center.

Uncontaminated Soil Certification

III. Basis for Certification and Attachments

For each item listed below, reference the attachments to this form that provide the required information.

a. A Description of the soil sample points and how they were determined to be sufficient in number and appropriately located 35 Ill. Adm. Code 1100.610(a):

Sample locations were selected in areas of proposed excavation. Samples were collected for Target Compound List paramters as part of the 2023 CCDD investigation.

b. Analytical soil testing results to show that soil chemical constituents comply with the maximum allowable concentrations established pursuant to 35 Ill. Adm. Code Part 1100, Subpart F and that the soil pH is within the range of 6.25 to 9.0, including the documentation of chain of custody control, a copy of the lab analysis; the accreditation status of the laboratory performing the analysis; and certification by an authorized agent of the laboratory that the analysis has been performed in accordance with the Agency's rules for the accreditation of environmental and the scope of the accreditation [35 Ill. Adm. Code 1100.201 (g), 1100.205(a), 1100.610]:

See attached analytical data

IV. Certification Statement, Signature and Seal of Licensed Professional Engineer or Licensed Professional Geologist

I, Thaddeus J. Cagney (name of licensed professional engineer or geologist) certify under penalty of law that the information submitted, including but not limited to, all attachments and other information, is to the best of my knowledge and belief, true, accurate and complete. In accordance with the Environmental Protection Act [415 ILCS 5/22.51 or 22.51a] and 35 Ill. Adm. Code 1100.205(a), I certify that the soil from this site is uncontaminated soil. I also certify that the soil pH is within the range of 6.25 to 9.0. In addition, I certify that the soil has not been removed from the site as part of a cleanup or removal of contaminants. All necessary documentation is attached.

Any person who knowingly makes a false, fictitious, or fraudulent material statement, orally or in writing, to the Illinois EPA commits a Class 4 felony. A second or subsequent offense after conviction is a Class 3 felony. (415 ILCS 5/44(h))

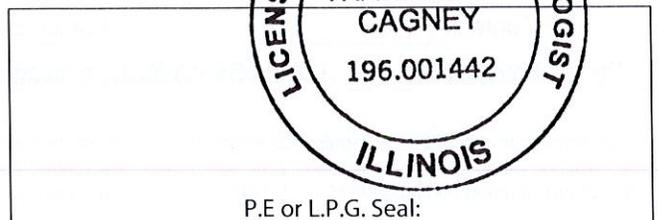
Company Name: GSG Consultants, Inc.
Street Address: 735 Remington Road
City: Schaumburg State: IL Zip Code: 60173
Phone: 630-994-2600

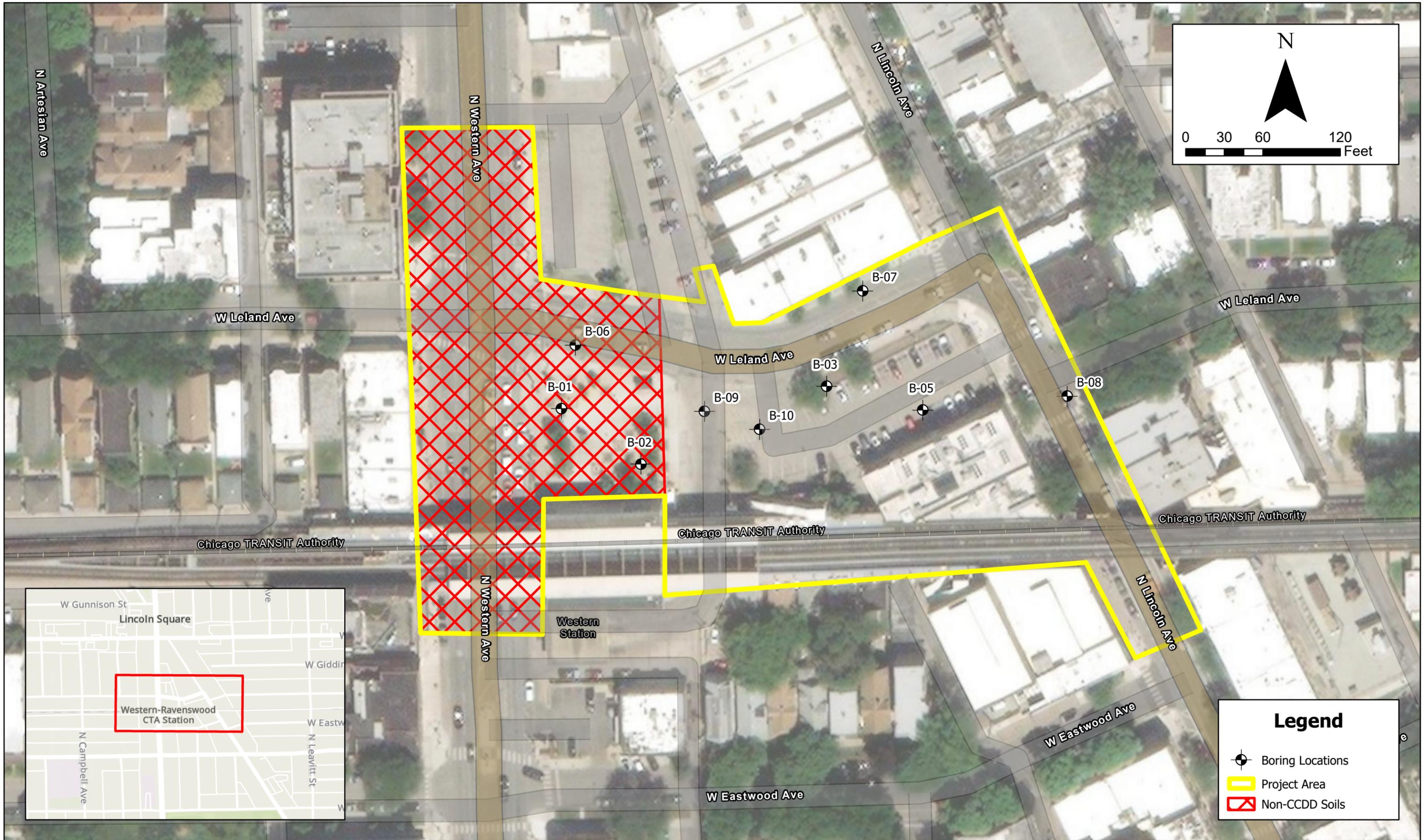
Thaddeus J. Cagney
Printed Name:



Licensed Professional Engineer or
Licensed Professional Geologist Signature:

Jun 14, 2024
Date:





DRAWN BY JC DATE 10/4/2023
 CHECKED BY TC DATE 10/4/2023

GSG
GSG CONSULTANTS, INC.
 735 Remington Road, Schaumburg, IL 60173
 Tel: 630.994.2600, www.gsg-consultants.com

TYLin

LINCOLN SQUARE BROWN LINE
EXHIBIT 5
SOIL MANAGEMENT PLAN

SHEET NO.
 1 OF 1

TABLE 2a
Soil Analytical Results
VOCs Compared to CCDD MAC Values

	CCDD MAC Values			Sample Date	B-01-0607	B-02-0405	B-05-0708	B-06-0708	B-07-0708	B-08-0708	B-10-0708
	MSA County	City of Chicago	Non-MSA County		Depth (ft)	8/7/2023	8/7/2023	8/4/2023	8/4/2023	8/4/2023	8/4/2023
VOCs					6-7	4-5	9-10	7-8	7-8	7-8	7-8
Acetone		25			< 0.080	< 0.074	< 0.082	< 0.071	< 0.080	< 0.082	< 0.074
Benzene		0.03			< 0.0054	< 0.0050	< 0.0055	< 0.0047	< 0.0053	< 0.0055	< 0.0049
Bromodichloromethane		0.6			< 0.0054	< 0.0050	< 0.0055	< 0.0047	< 0.0053	< 0.0055	< 0.0049
Bromoform		0.8			< 0.0054	< 0.0050	< 0.0055	< 0.0047	< 0.0053	< 0.0055	< 0.0049
Bromomethane		0.2			< 0.011	< 0.0099	< 0.011	< 0.0094	< 0.011	< 0.011	< 0.0098
2-Butanone (Methyl Ethyl Ketone)		17			< 0.080	< 0.074	< 0.082	< 0.071	< 0.080	< 0.082	< 0.074
Carbon disulfide		9			< 0.054	< 0.050	< 0.055	< 0.047	< 0.053	< 0.055	< 0.049
Carbon tetrachloride		0.07			< 0.0054	< 0.0050	< 0.0055	< 0.0047	< 0.0053	< 0.0055	< 0.0049
Chlorobenzene		1			< 0.0054	< 0.0050	< 0.0055	< 0.0047	< 0.0053	< 0.0055	< 0.0049
Chloroethane		NC			< 0.011	< 0.0099	< 0.011	< 0.0094	< 0.011	< 0.011	< 0.0098
Chloroform		0.3			< 0.0054	< 0.0050	< 0.0055	< 0.0047	< 0.0053	< 0.0055	< 0.0049
Chloromethane		NC			< 0.011	< 0.0099	< 0.011	< 0.0094	< 0.011	< 0.011	< 0.0098
Dibromochloromethane		0.4			< 0.0054	< 0.0050	< 0.0055	< 0.0047	< 0.0053	< 0.0055	< 0.0049
1,1-Dichloroethane		23			< 0.0054	< 0.0050	< 0.0055	< 0.0047	< 0.0053	< 0.0055	< 0.0049
1,2-Dichloroethane		0.02			< 0.0054	< 0.0050	< 0.0055	< 0.0047	< 0.0053	< 0.0055	< 0.0049
1,1-Dichloroethene		0.06			< 0.0054	< 0.0050	< 0.0055	< 0.0047	< 0.0053	< 0.0055	< 0.0049
cis-1,2-Dichloroethene		0.4			< 0.0054	< 0.0050	< 0.0055	< 0.0047	< 0.0053	< 0.0055	< 0.0049
trans-1,2-Dichloroethene		0.7			< 0.0054	< 0.0050	< 0.0055	< 0.0047	< 0.0053	< 0.0055	< 0.0049
1,2-Dichloropropane		0.03			< 0.0054	< 0.0050	< 0.0055	< 0.0047	< 0.0053	< 0.0055	< 0.0049
cis-1,3-Dichloropropene		0.005			< 0.0021	< 0.0020	< 0.0022	< 0.0019	< 0.0021	< 0.0022	< 0.0020
trans-1,3-Dichloropropene		0.005			< 0.0021	< 0.0020	< 0.0022	< 0.0019	< 0.0021	< 0.0022	< 0.0020
Ethylbenzene		13			< 0.0054	< 0.0050	< 0.0055	< 0.0047	< 0.0053	< 0.0055	< 0.0049
2-Hexanone		NC			< 0.021	< 0.020	< 0.022	< 0.019	< 0.021	< 0.022	< 0.020
4-Methyl-2-pentanone		NC			< 0.021	< 0.020	< 0.022	< 0.019	< 0.021	< 0.022	< 0.020
Methylene chloride		0.02			< 0.011	< 0.0099	< 0.011	< 0.0094	< 0.011	< 0.011	< 0.0098
Methyl tert-butyl ether		0.32			< 0.0054	< 0.0050	< 0.0055	< 0.0047	< 0.0053	< 0.0055	< 0.0049
Styrene		4			< 0.0054	< 0.0050	< 0.0055	< 0.0047	< 0.0053	< 0.0055	< 0.0049
1,1,2,2-Tetrachloroethane		NC			< 0.0054	< 0.0050	< 0.0055	< 0.0047	< 0.0053	< 0.0055	< 0.0049
Tetrachloroethene		0.06			< 0.0054	< 0.0050	< 0.0055	< 0.0047	< 0.0053	< 0.0055	< 0.0049
Toluene		12			< 0.0054	< 0.0050	< 0.0055	< 0.0047	< 0.0053	< 0.0055	< 0.0049
1,1,1-Trichloroethane		2			< 0.0054	< 0.0050	< 0.0055	< 0.0047	< 0.0053	< 0.0055	< 0.0049
1,1,2-Trichloroethane		0.02			< 0.0054	< 0.0050	< 0.0055	< 0.0047	< 0.0053	< 0.0055	< 0.0049
Trichloroethene		0.06			< 0.0054	< 0.0050	< 0.0055	< 0.0047	< 0.0053	< 0.0055	< 0.0049
Vinyl chloride		0.01			< 0.0054	< 0.0050	< 0.0055	< 0.0047	< 0.0053	< 0.0055	< 0.0049
Xylenes, Total		5.6			< 0.016	< 0.015	< 0.016	< 0.014	< 0.016	< 0.016	< 0.015

NOTES

1. All results expressed in milligrams per kilogram (mg/kg)
2. NC = No toxicity criteria for this exposure route
3. NA = Not Analyzed
4. Metropolitan Statistical Areas (MSA) as defined in Board Note, 35 IAC 742. Appendix A, Table G)

Bold Italicized	Sample result above CCDD Metropolitan Statistical Areas (MSA) County MAC Values.
Bold	Sample result above CCDD City of Chicago MAC Values.
Bold Italicized	Sample result above CCDD Non-MSA County MAC Values.



TABLE 2b
Soil Analytical Results
SVOCs Compared to CCDD MAC Values

	CCDD MAC Values			Sample Date Depth (ft)	B-01-0607	B-02-0405	B-05-0708	B-06-0708
	MSA	City of	Non-MSA		08/07/2023 13:00	08/07/2023 12:00	08/04/2023 09:10	08/04/2023 10:20
	County	Chicago	County		6-7	4-5	7-8	7-8
SVOCs								
Aniline		NC			< 4.2	< 0.39	< 0.40	< 0.40
Benzidine		NC			< 4.1	< 0.39	< 0.40	< 0.39
Benzoic acid		400			< 10	< 0.97	< 1.0	< 0.99
Benzyl alcohol		NC			< 2.1	< 0.20	< 0.20	< 0.20
Bis(2-chloroethoxy)methane		NC			< 2.1	< 0.20	< 0.20	< 0.20
Bis(2-chloroethyl)ether		0.66			< 2.1	< 0.20	< 0.20	< 0.20
Bis(2-ethylhexyl)phthalate		46			< 10	< 0.97	< 1.0	< 0.99
4-Bromophenyl phenyl ether		NC			< 2.1	< 0.20	< 0.20	< 0.20
Butyl benzyl phthalate		930			410	< 0.20	< 0.20	< 0.20
Carbazole		0.6			4.6	< 0.20	< 0.20	< 0.20
4-Chloroaniline		0.7			< 2.1	< 0.20	< 0.20	< 0.20
4-Chloro-3-methylphenol		NC			< 4.1	< 0.39	< 0.40	< 0.39
2-Chloronaphthalene		NC			< 2.1	< 0.20	< 0.20	< 0.20
2-Chlorophenol		1.5			< 2.1	< 0.20	< 0.20	< 0.20
4-Chlorophenyl phenyl ether		NC			< 2.1	< 0.20	< 0.20	< 0.20
Dibenzofuran		NC			< 2.1	< 0.20	< 0.20	< 0.20
1,2-Dichlorobenzene		17			2.6	< 0.20	< 0.20	< 0.20
1,3-Dichlorobenzene		NC			< 2.1	< 0.20	< 0.20	< 0.20
1,4-Dichlorobenzene		2.0			< 2.1	< 0.20	< 0.20	< 0.20
3,3'-Dichlorobenzidine		1.3			< 2.1	< 0.20	< 0.20	< 0.20
2,4-Dichlorophenol		0.48			< 2.1	< 0.20	< 0.20	< 0.20
Diethyl phthalate		470			< 2.1	< 0.20	< 0.20	< 0.20
2,4-Dimethylphenol		9.0			< 2.1	< 0.20	< 0.20	< 0.20
Dimethyl phthalate		NC			< 2.1	< 0.20	< 0.20	< 0.20
4,6-Dinitro-2-methylphenol		NC			< 2.1	< 0.20	< 0.20	< 0.20
2,4-Dinitrophenol		3.3			< 2.1	< 0.20	< 0.20	< 0.20
2,4-Dinitrotoluene		0.25			< 4.1	< 0.39	< 0.40	< 0.39
2,6-Dinitrotoluene		0.26			< 10	< 0.97	< 1.0	< 0.99
Di-n-butyl phthalate		2300			< 0.41	< 0.039	< 0.040	< 0.039
Di-n-octyl phthalate		1600			< 0.41	< 0.039	< 0.040	< 0.039
Hexachlorobenzene		0.4			< 2.1	< 0.20	< 0.20	< 0.20
Hexachlorobutadiene		NC			< 2.1	< 0.20	< 0.20	< 0.20
Hexachlorocyclopentadiene		1.1			< 2.1	< 0.20	< 0.20	< 0.20
Hexachloroethane		0.5			< 2.1	< 0.20	< 0.20	< 0.20
Isophorone		8.0			< 2.1	< 0.20	< 0.20	< 0.20
2-Methylnaphthalene		NC			< 2.1	< 0.20	< 0.20	< 0.20
2-Methylphenol		15			< 2.1	< 0.20	< 0.20	< 0.20
4-Methylphenol		NC			< 2.1	< 0.20	< 0.20	< 0.20
2-Nitroaniline		NC			< 2.1	< 0.20	< 0.20	< 0.20
3-Nitroaniline		NC			< 2.1	< 0.20	< 0.20	< 0.20
4-Nitroaniline		NC			< 2.1	< 0.20	< 0.20	< 0.20
2-Nitrophenol		NC			< 2.1	< 0.20	< 0.20	< 0.20
4-Nitrophenol		NC			< 0.41	< 0.039	< 0.040	< 0.039
Nitrobenzene		0.26			< 2.1	< 0.20	< 0.20	< 0.20
N-Nitrosodi-n-propylamine		0.0018			< 4.1	< 0.39	< 0.40	< 0.39
N-Nitrosodimethylamine		NC			< 2.1	< 0.20	< 0.20	< 0.20
N-Nitrosodiphenylamine		1.0			< 0.41	< 0.039	< 0.040	< 0.039
2, 2'-oxybis(1-Chloropropane)		NC			< 0.41	< 0.039	< 0.040	< 0.039
Pentachlorophenol		0.02			< 0.41	< 0.039	< 0.040	< 0.039
Phenol		100			< 2.1	< 0.20	< 0.20	< 0.20
Pyridine		NC			< 8.4	< 0.79	< 0.81	< 0.80
1,2,4-Trichlorobenzene		5.0			< 2.1	< 0.20	< 0.20	< 0.20
2,4,5-Trichlorophenol		26			< 2.1	< 0.20	< 0.20	< 0.20
2,4,6-Trichlorophenol		0.66			< 2.1	< 0.20	< 0.20	< 0.20

NOTES

- All results expressed in milligrams per kilogram (mg/kg)
- NC = No toxicity criteria for this exposure route
- NA = Not Analyzed
- Metropolitan Statistical Areas (MSA) as defined in Board Note, 35 IAC 742. Appendix A, Table G)

Bold Italicized Sample result above CCDD Metropolitan Statistical Areas (MSA) County MAC Values.

Bold Sample result above CCDD City of Chicago MAC Values.

Bold Italicized Sample result above CCDD Non-MSA County MAC Values.

TABLE 2b
Soil Analytical Results
SVOCs Compared to CCDD MAC Values

	CCDD MAC Values			Sample Date Depth (ft)	B-07-0708	B-08-0708	B-10-0708
	MSA	City of	Non-MSA		08/04/2023 11:20	08/04/2023 12:10	08/04/2023 12:50
	County	Chicago	County		7-8	7-8	7-8
SVOCs							
Aniline		NC			< 0.40	< 0.42	< 0.39
Benzidine		NC			< 0.40	< 0.41	< 0.39
Benzoic acid		400			< 1.0	< 1.0	< 0.98
Benzyl alcohol		NC			< 0.20	< 0.21	< 0.20
Bis(2-chloroethoxy)methane		NC			< 0.20	< 0.21	< 0.20
Bis(2-chloroethyl)ether		0.66			< 0.20	< 0.21	< 0.20
Bis(2-ethylhexyl)phthalate		46			< 1.0	< 1.0	< 0.98
4-Bromophenyl phenyl ether		NC			< 0.20	< 0.21	< 0.20
Butyl benzyl phthalate		930			< 0.20	< 0.21	< 0.20
Carbazole		0.6			< 0.20	< 0.21	< 0.20
4-Chloroaniline		0.7			< 0.20	< 0.21	< 0.20
4-Chloro-3-methylphenol		NC			< 0.40	< 0.41	< 0.39
2-Chloronaphthalene		NC			< 0.20	< 0.21	< 0.20
2-Chlorophenol		1.5			< 0.20	< 0.21	< 0.20
4-Chlorophenyl phenyl ether		NC			< 0.20	< 0.21	< 0.20
Dibenzofuran		NC			< 0.20	< 0.21	< 0.20
1,2-Dichlorobenzene		17			< 0.20	< 0.21	< 0.20
1,3-Dichlorobenzene		NC			< 0.20	< 0.21	< 0.20
1,4-Dichlorobenzene		2.0			< 0.20	< 0.21	< 0.20
3,3'-Dichlorobenzidine		1.3			< 0.20	< 0.21	< 0.20
2,4-Dichlorophenol		0.48			< 0.20	< 0.21	< 0.20
Diethyl phthalate		470			< 0.20	< 0.21	< 0.20
2,4-Dimethylphenol		9.0			< 0.20	< 0.21	< 0.20
Dimethyl phthalate		NC			< 0.20	< 0.21	< 0.20
4,6-Dinitro-2-methylphenol		NC			< 0.20	< 0.21	< 0.20
2,4-Dinitrophenol		3.3			< 0.20	< 0.21	< 0.20
2,4-Dinitrotoluene		0.25			< 0.40	< 0.41	< 0.39
2,6-Dinitrotoluene		0.26			< 1.0	< 1.0	< 0.98
Di-n-butyl phthalate		2300			< 0.040	< 0.041	< 0.039
Di-n-octyl phthalate		1600			< 0.040	< 0.041	< 0.039
Hexachlorobenzene		0.4			< 0.20	< 0.21	< 0.20
Hexachlorobutadiene		NC			< 0.20	< 0.21	< 0.20
Hexachlorocyclopentadiene		1.1			< 0.20	< 0.21	< 0.20
Hexachloroethane		0.5			< 0.20	< 0.21	< 0.20
Isophorone		8.0			< 0.20	< 0.21	< 0.20
2-Methylnaphthalene		NC			< 0.20	< 0.21	< 0.20
2-Methylphenol		15			< 0.20	< 0.21	< 0.20
4-Methylphenol		NC			< 0.20	< 0.21	< 0.20
2-Nitroaniline		NC			< 0.20	< 0.21	< 0.20
3-Nitroaniline		NC			< 0.20	< 0.21	< 0.20
4-Nitroaniline		NC			< 0.20	< 0.21	< 0.20
2-Nitrophenol		NC			< 0.20	< 0.21	< 0.20
4-Nitrophenol		NC			< 0.040	< 0.041	< 0.039
Nitrobenzene		0.26			< 0.20	< 0.21	< 0.20
N-Nitrosodi-n-propylamine		0.0018			< 0.40	< 0.41	< 0.39
N-Nitrosodimethylamine		NC			< 0.20	< 0.21	< 0.20
N-Nitrosodiphenylamine		1.0			< 0.040	< 0.041	< 0.039
2, 2'-oxybis(1-Chloropropane)		NC			< 0.040	< 0.041	< 0.039
Pentachlorophenol		0.02			< 0.040	< 0.041	< 0.039
Phenol		100			< 0.20	< 0.21	< 0.20
Pyridine		NC			< 0.81	< 0.84	< 0.79
1,2,4-Trichlorobenzene		5.0			< 0.20	< 0.21	< 0.20
2,4,5-Trichlorophenol		26			< 0.20	< 0.21	< 0.20
2,4,6-Trichlorophenol		0.66			< 0.20	< 0.21	< 0.20

NOTES

1. All results expressed in milligrams per kilogram (mg/kg)
2. NC = No toxicity criteria for this exposure route
3. NA = Not Analyzed
4. Metropolitan Statistical Areas (MSA) as defined in Board Note, 35 IAC 742. Appendix A, Table G)

Italicized	Sample result above CCDD Metropolitan Statistical Areas (MSA) County MAC Values.
Bold	Sample result above CCDD City of Chicago MAC Values.
Italicized	Sample result above CCDD Non-MSA County MAC Values.

TABLE 2c
Soil Analytical Results
PNAs Compared to CCDD MAC Values

	CCDD MAC Values				Sample	B-1-1	B-01-0607	B-02-0405	B-3-1	B-05-0708	B-06-0708
	Populated MSA ⁴	City of Chicago ⁵	Populated Non-MSA ⁶	Non-Populated ⁷	Date	9/8/2023	8/7/2023	8/7/2023	9/8/2023	8/4/2023	8/4/2023
					Depth (ft)	1-2	6-7	4-5	2-3	9-10	7-8
PNAs											
Acenaphthene	570					0.1	3.2	< 0.039	< 0.041	< 0.040	< 0.039
Acenaphthylene	85					0.058	1.4	< 0.039	< 0.041	< 0.040	< 0.039
Anthracene	12,000					1.5	10	< 0.039	< 0.041	< 0.040	< 0.039
Benzo(a)anthracene	1.8	1.1		0.9		1.3	27	< 0.039	< 0.041	0.042	< 0.039
Benzo(a)pyrene	2.1	1.3	0.98	0.09		1.4	24	< 0.039	< 0.041	< 0.040	< 0.039
Benzo(b)fluoranthene	2.1	1.5		0.9		1.3	22	< 0.039	< 0.041	< 0.040	< 0.039
Benzo(g,h,i)perylene	2,300					0.72	12	< 0.039	< 0.041	< 0.040	< 0.039
Benzo(k)fluoranthene	9					1.4	18	< 0.039	< 0.041	< 0.040	< 0.039
Chrysene	88					1.4	29	< 0.039	< 0.041	0.049	< 0.039
Dibenzo(a,h)anthracene	0.42	0.2	0.15	0.09		0.15	6.4	< 0.039	< 0.041	< 0.040	< 0.039
Fluoranthene	3,100					3	67	0.057	< 0.041	0.091	< 0.039
Fluorene	560					0.12	4.8	< 0.039	< 0.041	< 0.040	< 0.039
Indeno(1,2,3-cd)pyrene	1.6		0.9			0.66	11	< 0.039	< 0.041	< 0.040	< 0.039
Naphthalene	1.8					0.085	2.9	< 0.039	< 0.041	< 0.040	< 0.039
Phenanthrene	210					1.5	41	< 0.039	< 0.041	0.096	< 0.039
Pyrene	2,300					2.3	44	0.05	< 0.041	0.079	< 0.039

NOTES

1. All results expressed in milligrams per kilogram (mg/kg)
2. NC = No toxicity criteria for this exposure route
3. NA = Not Analyzed
4. Populated MSA = populated area in a MSA excluding Chicago
5. City of Chicago = Chicago corporate limits
6. Populated Non-MSA = populated area in a non-MSA county
7. Non-Populated = outside a populated area
8. Metropolitan Statistical Areas (MSA) as defined in Board Note, 35 IAC 742. Appendix A, Table G)

Bold Italicized	Sample result above CCDD Populated Metropolitan Statistical Areas (MSA) County MAC Values.
Bold	Sample result above CCDD City of Chicago MAC Values.
Bold Italicized	Sample result above CCDD Populated Non-MSA County MAC Values.
Bold	Sample result above CCDD Non-Populated Area MAC Values.



TABLE 2c
Soil Analytical Results
PNAs Compared to CCDD MAC Values

	CCDD MAC Values				Sample	B-07-0708	B-08-0708	B-10-0708
	Populated MSA ⁴	City of Chicago ⁵	Populated Non-MSA ⁶	Non- Populated ⁷	Date	8/4/2023	8/4/2023	8/4/2023
					Depth (ft)	7-8	7-8	7-8
PNAs								
Acenaphthene	570					< 0.040	< 0.041	< 0.039
Acenaphthylene	85					< 0.040	< 0.041	< 0.039
Anthracene	12,000					< 0.040	< 0.041	< 0.039
Benzo(a)anthracene	1.8	1.1		0.9		< 0.040	< 0.041	< 0.039
Benzo(a)pyrene	2.1	1.3	0.98	0.09		< 0.040	< 0.041	< 0.039
Benzo(b)fluoranthene	2.1	1.5		0.9		< 0.040	< 0.041	< 0.039
Benzo(g,h,i)perylene	2,300					< 0.040	< 0.041	< 0.039
Benzo(k)fluoranthene	9					< 0.040	< 0.041	< 0.039
Chrysene	88					< 0.040	< 0.041	< 0.039
Dibenzo(a,h)anthracene	0.42	0.2	0.15	0.09		< 0.040	< 0.041	< 0.039
Fluoranthene	3,100					< 0.040	< 0.041	< 0.039
Fluorene	560					< 0.040	< 0.041	< 0.039
Indeno(1,2,3-cd)pyrene	1.6		0.9			< 0.040	< 0.041	< 0.039
Naphthalene	1.8					< 0.040	< 0.041	< 0.039
Phenanthrene	210					< 0.040	< 0.041	< 0.039
Pyrene	2,300					< 0.040	< 0.041	< 0.039

NOTES

1. All results expressed in milligrams per kilogram (mg/kg)
2. NC = No toxicity criteria for this exposure route
3. NA = Not Analyzed
4. Populated MSA = populated area in a MSA excluding Chicago
5. City of Chicago = Chicago corporate limits
6. Populated Non-MSA = populated area in a non-MSA county
7. Non-Populated = outside a populated area
8. Metropolitan Statistical Areas (MSA) as defined in Board Note, 35 IAC 742. Appendix A, Table G)

<i>Bold Italicized</i>	Sample result above CCDD Populated Metropolitan Statistical Areas (MSA) County MAC Values.
Bold	Sample result above CCDD City of Chicago MAC Values.
<i>Bold Italicized</i>	Sample result above CCDD Populated Non-MSA County MAC Values.
Bold	Sample result above CCDD Non-Populated Area MAC Values.



TABLE 2d
Soil Analytical Results
Inorganics and pH Compared to CCDD MAC Values

	CCDD MAC Values			Sample	B-01-0607	B-2-1	B-02-0405	B-3-1	B-05-0708	B-06-0708
	MSA	City of	Non-MSA	Date	8/7/2023	9/8/2023	8/7/2023	9/8/2023	8/4/2023	8/4/2023
	County	Chicago	County	Depth (ft)	6-7	1-2	4-5	2-3	9-10	7-8
Inorganics (mg/kg)										
Aluminum	9,500		9,200		14000*	NA	3200	NA	11000*	7900
Antimony		5			< 2.3	NA	< 2.3	NA	< 2.3	< 2.2
Arsenic	13		11.3		12	NA	7.3	2.5	5	6.1
Barium		1,500			160	NA	23	20	50	28
Beryllium		22			0.87	NA	< 0.56	NA	0.72	0.57
Cadmium		5.2			< 0.56	NA	< 0.56	< 0.58	< 0.57	< 0.55
Calcium		NC			70000	NA	70000	NA	55000	66000
Chromium		21			30*	NA	9.1	9.2	23*	17
Cobalt		20			19	NA	6	NA	14	15
Copper		2,900			37	NA	7.7	NA	29	47
Cyanide		40			< 0.64	NA	< 0.59	NA	< 0.60	< 0.60
Iron	15,900		15,000		32000*	NA	13000	NA	25000*	32000*
Lead		107			210	NA	13	13	16	22
Magnesium		325,000			33000	NA	34000	NA	25000	38000
Manganese		636	630		560	NA	340	NA	460	570
Mercury (Total)		0.89			0.054	NA	< 0.019	< 0.019	0.029	0.049
Nickel		100			46	NA	10	NA	36	36
Potassium		NC			3800	NA	620	NA	2500	1700
Selenium		1.3			< 1.1	NA	< 1.1	< 1.2	< 1.1	< 1.1
Silver		4.4			< 1.1	NA	< 1.1	< 1.2	< 1.1	< 1.1
Sodium		NC			1300	NA	1100	NA	490	830
Thallium		2.6			< 1.1	NA	< 1.1	NA	< 1.1	< 1.1
Vanadium		550			31	NA	19	NA	24	20
Zinc		5,100			210	NA	31	NA	51	55
pH		6.25-9.0			8.15	9.58	9.55	8.20	7.78	8.08
TCLP (mg/L)										
Aluminum		3.5			NA	NA	NA	NA	NA	NA
Chromium		0.1			NA	NA	NA	NA	NA	NA
Iron		5			NA	NA	NA	NA	NA	NA
SPLP (mg/L)										
Cobalt		1			NA	NA	NA	NA	NA	NA

NOTES

1. NC = No toxicity criteria for this exposure route
2. NA = Not Analyzed
3. **Bold*** = Excluded under footnote m of the MAC Table
4. Metropolitan Statistical Areas (MSA) as defined in Board Note, 35 IAC 742. Appendix A, Table G)

Bold Italicized	Sample result above CCDD Metropolitan Statistical Areas (MSA) County MAC Values.
Bold	Sample result above CCDD City of Chicago MAC Values.
Bold Italicized	Sample result above CCDD Non-MSA County MAC Values.
	Sample result out of pH range for CCDD MAC Values.



TABLE 2d
Soil Analytical Results
Inorganics and pH Compared to CCDD MAC Values

	CCDD MAC Values			Sample	B-07-0708	B-8-1	B-08-0708	B-9-1	B-10-0708
	MSA	City of	Non-MSA	Date	8/4/2023	9/8/2023	8/4/2023	9/8/2023	8/4/2023
	County	Chicago	County	Depth (ft)	7-8	1-2	7-8	1-2	7-8
Inorganics (mg/kg)									
Aluminum	9,500		9,200		14000*	NA	3900	NA	12000*
Antimony		5			< 2.2	NA	< 2.3	NA	< 2.2
Arsenic	13		11.3		10	3.1	7	3.1	10
Barium		1,500			36	24	20	21	81
Beryllium		22			0.94	NA	< 0.56	NA	0.76
Cadmium		5.2			< 0.54	< 0.55	< 0.56	< 0.52	< 0.54
Calcium		NC			63000	NA	91000	NA	55000
Chromium		21			29*	10	11	9.1	25*
Cobalt		20			18	NA	7.1	NA	23*
Copper		2,900			34	NA	13	NA	48
Cyanide		40			< 0.60	NA	< 0.63	NA	< 0.59
Iron	15,900		15,000		30000*	NA	19000*	NA	31000*
Lead		107			18	11	8.6	9.1	32
Magnesium		325,000			31000	NA	49000	NA	35000
Manganese		636	630		520	NA	600	NA	610
Mercury (Total)		0.89			0.03	< 0.024	0.056	< 0.023	0.027
Nickel		100			47	NA	14	NA	54
Potassium		NC			3100	NA	770	NA	2400
Selenium		1.3			< 1.1	< 1.1	< 1.1	< 1.0	< 1.1
Silver		4.4			< 1.1	< 1.1	< 1.1	< 1.0	< 1.1
Sodium		NC			2200	NA	2200	NA	1300
Thallium		2.6			< 1.1	NA	< 1.1	NA	1.9
Vanadium		550			30	NA	16	NA	26
Zinc		5,100			61	NA	34	NA	72
pH		6.25-9.0			8.07	8.49	8.12	8.58	7.68
TCLP (mg/L)									
Aluminum		3.5			0.15	NA	NA	NA	NA
Chromium		0.1			< 0.010	NA	NA	NA	NA
Iron		5			< 0.25	NA	NA	NA	NA
SPLP (mg/L)									
Cobalt		1			NA	NA	NA	NA	< 0.0040

NOTES

1. NC = No toxicity criteria for this exposure route
2. NA = Not Analyzed
3. **Bold*** = Excluded under footnote m of the MAC Table
4. Metropolitan Statistical Areas (MSA) as defined in Board Note, 35 IAC 742. Appendix A, Table G)

<i>Bold Italicized</i>	Sample result above CCDD Metropolitan Statistical Areas (MSA) County MAC Values.
Bold	Sample result above CCDD City of Chicago MAC Values.
<i>Bold Italicized</i>	Sample result above CCDD Non-MSA County MAC Values.
	Sample result out of pH range for CCDD MAC Values.



TABLE 2e
Soil Analytical Results
Pesticides, Herbicides, and PCBs Compared to CCDD MAC Values

	CCDD MAC Values			Sample Date	B-01-0607	B-02-0405	B-05-0708	B-06-0708	B-07-0708	B-08-0708	B-10-0708
	MSA County	City of Chicago	Non-MSA County		08/07/2023 13:00	08/07/2023 12:00	08/04/2023 09:10	08/04/2023 10:20	08/04/2023 11:20	08/04/2023 12:10	08/04/2023 12:50
				Depth (ft)	6-7	4-5	7-8	7-8	7-8	7-8	7-8
Pesticides											
4,4'-DDD		3			< 0.0020	< 0.0019	< 0.0019	< 0.0019	< 0.0019	< 0.0020	< 0.0019
4,4'-DDE		2			< 0.0020	< 0.0019	< 0.0019	< 0.0019	< 0.0019	< 0.0020	< 0.0019
4,4'-DDT		2			< 0.0020	< 0.0019	< 0.0019	< 0.0019	< 0.0019	< 0.0020	< 0.0019
Aldrin		0.94			< 0.0020	< 0.0019	< 0.0019	< 0.0019	< 0.0019	< 0.0020	< 0.0019
alpha-BHC		0.0074			< 0.0020	< 0.0019	< 0.0019	< 0.0019	< 0.0019	< 0.0020	< 0.0019
alpha-Chlordane		NC			< 0.0020	< 0.0019	< 0.0019	< 0.0019	< 0.0019	< 0.0020	< 0.0019
beta-BHC		NC			< 0.0020	< 0.0019	< 0.0019	< 0.0019	< 0.0019	< 0.0020	< 0.0019
Chlordane		1.8			< 0.020	< 0.019	< 0.019	< 0.019	< 0.019	< 0.020	< 0.019
delta-BHC		NC			< 0.0020	< 0.0019	< 0.0019	< 0.0019	< 0.0019	< 0.0020	< 0.0019
Dieldrin		0.603			< 0.0020	< 0.0019	< 0.0019	< 0.0019	< 0.0019	< 0.0020	< 0.0019
Endosulfan I		18			< 0.0020	< 0.0019	< 0.0019	< 0.0019	< 0.0019	< 0.0020	< 0.0019
Endosulfan II		18			< 0.0020	< 0.0019	< 0.0019	< 0.0019	< 0.0019	< 0.0020	< 0.0019
Endosulfan sulfate		NC			< 0.0020	< 0.0019	< 0.0019	< 0.0019	< 0.0019	< 0.0020	< 0.0019
Endrin		1			< 0.0020	< 0.0019	< 0.0019	< 0.0019	< 0.0019	< 0.0020	< 0.0019
Endrin aldehyde		NC			< 0.0020	< 0.0019	< 0.0019	< 0.0019	< 0.0019	< 0.0020	< 0.0019
Endrin ketone		NC			< 0.0020	< 0.0019	< 0.0019	< 0.0019	< 0.0019	< 0.0020	< 0.0019
gamma-BHC		0.009			< 0.0020	< 0.0019	< 0.0019	< 0.0019	< 0.0019	< 0.0020	< 0.0019
gamma-Chlordane		NC			< 0.0020	< 0.0019	< 0.0019	< 0.0019	< 0.0019	< 0.0020	< 0.0019
Heptachlor		0.871			< 0.0020	< 0.0019	< 0.0019	< 0.0019	< 0.0019	< 0.0020	< 0.0019
Heptachlor epoxide		1.005			< 0.0020	< 0.0019	< 0.0019	< 0.0019	< 0.0019	< 0.0020	< 0.0019
Methoxychlor		160			< 0.0020	< 0.0019	< 0.0019	< 0.0019	< 0.0019	< 0.0020	< 0.0019
Toxaphene		0.6			< 0.041	< 0.039	< 0.040	< 0.039	< 0.040	< 0.041	< 0.039
PCBs											
Aroclor 1016		NC			< 0.10	< 0.094	< 0.096	< 0.095	< 0.096	< 0.099	< 0.094
Aroclor 1221		NC			< 0.10	< 0.094	< 0.096	< 0.095	< 0.096	< 0.099	< 0.094
Aroclor 1232		NC			< 0.10	< 0.094	< 0.096	< 0.095	< 0.096	< 0.099	< 0.094
Aroclor 1242		NC			< 0.10	< 0.094	< 0.096	< 0.095	< 0.096	< 0.099	< 0.094
Aroclor 1248		NC			< 0.10	< 0.094	< 0.096	< 0.095	< 0.096	< 0.099	< 0.094
Aroclor 1254		NC			< 0.10	< 0.094	< 0.096	< 0.095	< 0.096	< 0.099	< 0.094
Aroclor 1260		NC			< 0.10	< 0.094	< 0.096	< 0.095	< 0.096	< 0.099	< 0.094
Total PCBs		1			ND						

NOTES

1. All results expressed in milligrams per kilogram (mg/kg)
2. NC = No toxicity criteria for this exposure route
3. NA = Not Analyzed
4. ND = Not Detected at the reporting limit
5. Metropolitan Statistical Areas (MSA) as defined in Board Note, 35 IAC 742. Appendix A, Table G)

<i>Bold Italicized</i>	Sample result above CCDD Metropolitan Statistical Areas (MSA) County MAC Values.
<i>Bold</i>	Sample result above CCDD City of Chicago MAC Values.
<i>Bold Italicized</i>	Sample result above CCDD Non-MSA County MAC Values.



STAT Analysis Corporation

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

August 24, 2023

GSG Consultants, Inc.
735 Remington Road
Schaumburg, IL 60173
Telephone: (630) 994-2600
Fax: (630) 994-2699

Analytical Report for STAT Work Order: 23080255 Revision 1

RE: 23-2038, CDOT Lincoln Square

Dear GSG Consultants, Inc.:

STAT Analysis received 5 samples for the referenced project on 8/4/2023 1:53:00 PM. The analytical results are presented in the following report.

This report is revised to reflect additional analysis requested after the last report revision.

All analyses were performed in accordance with the requirements of 35 IAC Part 186 / NELAP standards. Analyses were performed in accordance with methods as referenced on the analytical report. Those analytical results expressed on a dry weight basis are also noted on the analytical report.

All analyses were performed within established holding time criteria, and all Quality Control criteria met EPA or laboratory specifications except when noted in the Case Narrative or Analytical Report. If required, an estimate of uncertainty for the analyses can be provided. A listing of accredited methods/parameters can also be provided.

Thank you for the opportunity to serve you and I look forward to working with you in the future. If you have any questions regarding the enclosed materials, please contact me at (312) 733-0551.

Sincerely,



Justice Kwateng
Project Manager

The information contained in this report and any attachments is confidential information intended only for the use of the individual or entities named above. The results of this report relate only to the samples as received and tested. If you have received this report in error, please notify us immediately by phone. This report shall not be reproduced, except in its entirety, unless written approval has been obtained from the laboratory. This analytical report shall become property of the Customer upon payment in full. Otherwise, STAT will be under no obligation to support, defend or discuss the analytical report.

Client: GSG Consultants, Inc.
Project: 23-2038, CDOT Lincoln Square
Work Order: 23080255 Revision 1

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
23080255-001A	B-05-0708		8/4/2023 9:10:00 AM	8/4/2023
23080255-001B	B-05-0708		8/4/2023 9:10:00 AM	8/4/2023
23080255-002A	B-06-0708		8/4/2023 10:20:00 AM	8/4/2023
23080255-002B	B-06-0708		8/4/2023 10:20:00 AM	8/4/2023
23080255-003A	B-07-0708		8/4/2023 11:20:00 AM	8/4/2023
23080255-003B	B-07-0708		8/4/2023 11:20:00 AM	8/4/2023
23080255-004A	B-08-0708		8/4/2023 12:10:00 PM	8/4/2023
23080255-004B	B-08-0708		8/4/2023 12:10:00 PM	8/4/2023
23080255-005A	B-10-0708		8/4/2023 12:50:00 PM	8/4/2023
23080255-005B	B-10-0708		8/4/2023 12:50:00 PM	8/4/2023

STAT Analysis Corporation

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Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: August 24, 2023

ANALYTICAL RESULTS

Date Printed: August 24, 2023

Client: GSG Consultants, Inc.

Client Sample ID: B-05-0708

Work Order: 23080255 Revision 1

Collection Date: 8/4/2023 9:10:00 AM

Project: 23-2038, CDOT Lincoln Square

Matrix: Soil

Lab ID: 23080255-001

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS		SW5035/8260B		Prep Date: 8/4/2023		Analyst: ERP
Acetone	ND	0.082		mg/Kg-dry	1	8/11/2023
Benzene	ND	0.0055		mg/Kg-dry	1	8/11/2023
Bromodichloromethane	ND	0.0055		mg/Kg-dry	1	8/11/2023
Bromoform	ND	0.0055		mg/Kg-dry	1	8/11/2023
Bromomethane	ND	0.011		mg/Kg-dry	1	8/11/2023
2-Butanone	ND	0.082		mg/Kg-dry	1	8/11/2023
Carbon disulfide	ND	0.055		mg/Kg-dry	1	8/11/2023
Carbon tetrachloride	ND	0.0055		mg/Kg-dry	1	8/11/2023
Chlorobenzene	ND	0.0055		mg/Kg-dry	1	8/11/2023
Chloroethane	ND	0.011		mg/Kg-dry	1	8/11/2023
Chloroform	ND	0.0055		mg/Kg-dry	1	8/11/2023
Chloromethane	ND	0.011		mg/Kg-dry	1	8/11/2023
Dibromochloromethane	ND	0.0055		mg/Kg-dry	1	8/11/2023
1,1-Dichloroethane	ND	0.0055		mg/Kg-dry	1	8/11/2023
1,2-Dichloroethane	ND	0.0055		mg/Kg-dry	1	8/11/2023
1,1-Dichloroethene	ND	0.0055		mg/Kg-dry	1	8/11/2023
cis-1,2-Dichloroethene	ND	0.0055		mg/Kg-dry	1	8/11/2023
trans-1,2-Dichloroethene	ND	0.0055		mg/Kg-dry	1	8/11/2023
1,2-Dichloropropane	ND	0.0055		mg/Kg-dry	1	8/11/2023
cis-1,3-Dichloropropene	ND	0.0022		mg/Kg-dry	1	8/11/2023
trans-1,3-Dichloropropene	ND	0.0022		mg/Kg-dry	1	8/11/2023
Ethylbenzene	ND	0.0055		mg/Kg-dry	1	8/11/2023
2-Hexanone	ND	0.022		mg/Kg-dry	1	8/11/2023
4-Methyl-2-pentanone	ND	0.022		mg/Kg-dry	1	8/11/2023
Methylene chloride	ND	0.011		mg/Kg-dry	1	8/11/2023
Methyl tert-butyl ether	ND	0.0055		mg/Kg-dry	1	8/11/2023
Styrene	ND	0.0055		mg/Kg-dry	1	8/11/2023
1,1,2,2-Tetrachloroethane	ND	0.0055		mg/Kg-dry	1	8/11/2023
Tetrachloroethene	ND	0.0055		mg/Kg-dry	1	8/11/2023
Toluene	ND	0.0055		mg/Kg-dry	1	8/11/2023
1,1,1-Trichloroethane	ND	0.0055		mg/Kg-dry	1	8/11/2023
1,1,2-Trichloroethane	ND	0.0055		mg/Kg-dry	1	8/11/2023
Trichloroethene	ND	0.0055		mg/Kg-dry	1	8/11/2023
Vinyl chloride	ND	0.0055		mg/Kg-dry	1	8/11/2023
Xylenes, Total	ND	0.016		mg/Kg-dry	1	8/11/2023
Semivolatile Organic Compounds by GC/MS		SW8270C (SW3550B)		Prep Date: 8/9/2023		Analyst: DM
Acenaphthene	ND	0.040		mg/Kg-dry	1	8/10/2023
Acenaphthylene	ND	0.040		mg/Kg-dry	1	8/10/2023

Qualifiers:
 ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 HT - Sample received past holding time
 * - Non-accredited parameter

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Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: August 24, 2023

ANALYTICAL RESULTS

Date Printed: August 24, 2023

Client: GSG Consultants, Inc.

Client Sample ID: B-05-0708

Work Order: 23080255 Revision 1

Collection Date: 8/4/2023 9:10:00 AM

Project: 23-2038, CDOT Lincoln Square

Matrix: Soil

Lab ID: 23080255-001

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS	SW8270C (SW3550B)				Prep Date: 8/9/2023	Analyst: DM
Aniline	ND	0.40		mg/Kg-dry	1	8/10/2023
Anthracene	ND	0.040		mg/Kg-dry	1	8/10/2023
Benz(a)anthracene	0.042	0.040		mg/Kg-dry	1	8/10/2023
Benzidine	ND	0.40		mg/Kg-dry	1	8/10/2023
Benzo(a)pyrene	ND	0.040		mg/Kg-dry	1	8/10/2023
Benzo(b)fluoranthene	ND	0.040		mg/Kg-dry	1	8/10/2023
Benzo(g,h,i)perylene	ND	0.040		mg/Kg-dry	1	8/10/2023
Benzo(k)fluoranthene	ND	0.040		mg/Kg-dry	1	8/10/2023
Benzoic acid	ND	1.0		mg/Kg-dry	1	8/10/2023
Benzyl alcohol	ND	0.20		mg/Kg-dry	1	8/10/2023
Bis(2-chloroethoxy)methane	ND	0.20		mg/Kg-dry	1	8/10/2023
Bis(2-chloroethyl)ether	ND	0.20		mg/Kg-dry	1	8/10/2023
Bis(2-ethylhexyl)phthalate	ND	1.0		mg/Kg-dry	1	8/10/2023
4-Bromophenyl phenyl ether	ND	0.20		mg/Kg-dry	1	8/10/2023
Butyl benzyl phthalate	ND	0.20		mg/Kg-dry	1	8/10/2023
Carbazole	ND	0.20		mg/Kg-dry	1	8/10/2023
4-Chloroaniline	ND	0.20		mg/Kg-dry	1	8/10/2023
4-Chloro-3-methylphenol	ND	0.40		mg/Kg-dry	1	8/10/2023
2-Chloronaphthalene	ND	0.20		mg/Kg-dry	1	8/10/2023
2-Chlorophenol	ND	0.20		mg/Kg-dry	1	8/10/2023
4-Chlorophenyl phenyl ether	ND	0.20		mg/Kg-dry	1	8/10/2023
2, 2'-oxybis(1-Chloropropane)	ND	0.20		mg/Kg-dry	1	8/10/2023
Chrysene	0.049	0.040		mg/Kg-dry	1	8/10/2023
Dibenz(a,h)anthracene	ND	0.040		mg/Kg-dry	1	8/10/2023
Dibenzofuran	ND	0.20		mg/Kg-dry	1	8/10/2023
1,2-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	8/10/2023
1,3-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	8/10/2023
1,4-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	8/10/2023
3,3'-Dichlorobenzidine	ND	0.20		mg/Kg-dry	1	8/10/2023
2,4-Dichlorophenol	ND	0.20		mg/Kg-dry	1	8/10/2023
Diethyl phthalate	ND	0.20		mg/Kg-dry	1	8/10/2023
Dimethyl phthalate	ND	0.20		mg/Kg-dry	1	8/10/2023
2,4-Dimethylphenol	ND	0.20		mg/Kg-dry	1	8/10/2023
Di-n-butyl phthalate	ND	0.20		mg/Kg-dry	1	8/10/2023
4,6-Dinitro-2-methylphenol	ND	0.40		mg/Kg-dry	1	8/10/2023
2,4-Dinitrophenol	ND	1.0		mg/Kg-dry	1	8/10/2023
2,4-Dinitrotoluene	ND	0.040		mg/Kg-dry	1	8/10/2023
2,6-Dinitrotoluene	ND	0.040		mg/Kg-dry	1	8/10/2023

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers: J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

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E - Value above quantitation range

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Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: August 24, 2023

ANALYTICAL RESULTS

Date Printed: August 24, 2023

Client: GSG Consultants, Inc.

Client Sample ID: B-05-0708

Work Order: 23080255 Revision 1

Collection Date: 8/4/2023 9:10:00 AM

Project: 23-2038, CDOT Lincoln Square

Matrix: Soil

Lab ID: 23080255-001

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS		SW8270C (SW3550B)		Prep Date: 8/9/2023		Analyst: DM
Di-n-octyl phthalate	ND	0.20		mg/Kg-dry	1	8/10/2023
Fluoranthene	0.091	0.040		mg/Kg-dry	1	8/10/2023
Fluorene	ND	0.040		mg/Kg-dry	1	8/10/2023
Hexachlorobenzene	ND	0.20		mg/Kg-dry	1	8/10/2023
Hexachlorobutadiene	ND	0.20		mg/Kg-dry	1	8/10/2023
Hexachlorocyclopentadiene	ND	0.20		mg/Kg-dry	1	8/10/2023
Hexachloroethane	ND	0.20		mg/Kg-dry	1	8/10/2023
Indeno(1,2,3-cd)pyrene	ND	0.040		mg/Kg-dry	1	8/10/2023
Isophorone	ND	0.20		mg/Kg-dry	1	8/10/2023
2-Methylnaphthalene	ND	0.20		mg/Kg-dry	1	8/10/2023
2-Methylphenol	ND	0.20		mg/Kg-dry	1	8/10/2023
4-Methylphenol	ND	0.20		mg/Kg-dry	1	8/10/2023
Naphthalene	ND	0.040		mg/Kg-dry	1	8/10/2023
2-Nitroaniline	ND	0.20		mg/Kg-dry	1	8/10/2023
3-Nitroaniline	ND	0.20		mg/Kg-dry	1	8/10/2023
4-Nitroaniline	ND	0.20		mg/Kg-dry	1	8/10/2023
Nitrobenzene	ND	0.040		mg/Kg-dry	1	8/10/2023
2-Nitrophenol	ND	0.20		mg/Kg-dry	1	8/10/2023
4-Nitrophenol	ND	0.40		mg/Kg-dry	1	8/10/2023
N-Nitrosodimethylamine	ND	0.20		mg/Kg-dry	1	8/10/2023
N-Nitrosodi-n-propylamine	ND	0.040		mg/Kg-dry	1	8/10/2023
N-Nitrosodiphenylamine	ND	0.040		mg/Kg-dry	1	8/10/2023
Pentachlorophenol	ND	0.040		mg/Kg-dry	1	8/10/2023
Phenanthrene	0.096	0.040		mg/Kg-dry	1	8/10/2023
Phenol	ND	0.20		mg/Kg-dry	1	8/10/2023
Pyrene	0.079	0.040		mg/Kg-dry	1	8/10/2023
Pyridine	ND	0.81		mg/Kg-dry	1	8/10/2023
1,2,4-Trichlorobenzene	ND	0.20		mg/Kg-dry	1	8/10/2023
2,4,5-Trichlorophenol	ND	0.20		mg/Kg-dry	1	8/10/2023
2,4,6-Trichlorophenol	ND	0.20		mg/Kg-dry	1	8/10/2023
PCBs		SW8082A (SW3550B)		Prep Date: 8/7/2023		Analyst: GVC
Aroclor 1016	ND	0.096		mg/Kg-dry	1	8/7/2023
Aroclor 1221	ND	0.096		mg/Kg-dry	1	8/7/2023
Aroclor 1232	ND	0.096		mg/Kg-dry	1	8/7/2023
Aroclor 1242	ND	0.096		mg/Kg-dry	1	8/7/2023
Aroclor 1248	ND	0.096		mg/Kg-dry	1	8/7/2023
Aroclor 1254	ND	0.096		mg/Kg-dry	1	8/7/2023
Aroclor 1260	ND	0.096		mg/Kg-dry	1	8/7/2023

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Date Reported: August 24, 2023

ANALYTICAL RESULTS

Date Printed: August 24, 2023

Client: GSG Consultants, Inc.

Client Sample ID: B-05-0708

Work Order: 23080255 Revision 1

Collection Date: 8/4/2023 9:10:00 AM

Project: 23-2038, CDOT Lincoln Square

Matrix: Soil

Lab ID: 23080255-001

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Pesticides	SW8081B (SW3550B)		Prep Date: 8/7/2023		Analyst: GVC	
4,4'-DDD	ND	0.0019		mg/Kg-dry	1	8/7/2023
4,4'-DDE	ND	0.0019		mg/Kg-dry	1	8/7/2023
4,4'-DDT	ND	0.0019		mg/Kg-dry	1	8/7/2023
Aldrin	ND	0.0019		mg/Kg-dry	1	8/7/2023
alpha-BHC	ND	0.0019		mg/Kg-dry	1	8/7/2023
alpha-Chlordane	ND	0.0019		mg/Kg-dry	1	8/7/2023
beta-BHC	ND	0.0019		mg/Kg-dry	1	8/7/2023
Chlordane	ND	0.019		mg/Kg-dry	1	8/7/2023
delta-BHC	ND	0.0019		mg/Kg-dry	1	8/7/2023
Dieldrin	ND	0.0019		mg/Kg-dry	1	8/7/2023
Endosulfan I	ND	0.0019		mg/Kg-dry	1	8/7/2023
Endosulfan II	ND	0.0019		mg/Kg-dry	1	8/7/2023
Endosulfan sulfate	ND	0.0019		mg/Kg-dry	1	8/7/2023
Endrin	ND	0.0019		mg/Kg-dry	1	8/7/2023
Endrin aldehyde	ND	0.0019		mg/Kg-dry	1	8/7/2023
Endrin ketone	ND	0.0019		mg/Kg-dry	1	8/7/2023
gamma-BHC	ND	0.0019		mg/Kg-dry	1	8/7/2023
gamma-Chlordane	ND	0.0019		mg/Kg-dry	1	8/7/2023
Heptachlor	ND	0.0019		mg/Kg-dry	1	8/7/2023
Heptachlor epoxide	ND	0.0019		mg/Kg-dry	1	8/7/2023
Methoxychlor	ND	0.0019		mg/Kg-dry	1	8/7/2023
Toxaphene	ND	0.040		mg/Kg-dry	1	8/7/2023
Metals by ICP/MS	SW6020A (SW3050B)		Prep Date: 8/7/2023		Analyst: MMR	
Aluminum	11000	23		mg/Kg-dry	10	8/7/2023
Antimony	ND	2.3		mg/Kg-dry	10	8/7/2023
Arsenic	5.0	1.1		mg/Kg-dry	10	8/7/2023
Barium	50	1.1		mg/Kg-dry	10	8/7/2023
Beryllium	0.72	0.57		mg/Kg-dry	10	8/7/2023
Cadmium	ND	0.57		mg/Kg-dry	10	8/7/2023
Calcium	55000	68		mg/Kg-dry	10	8/7/2023
Chromium	23	1.1		mg/Kg-dry	10	8/7/2023
Cobalt	14	1.1		mg/Kg-dry	10	8/7/2023
Copper	29	2.8		mg/Kg-dry	10	8/7/2023
Iron	25000	34		mg/Kg-dry	10	8/7/2023
Lead	16	0.57		mg/Kg-dry	10	8/7/2023
Magnesium	25000	34		mg/Kg-dry	10	8/7/2023
Manganese	460	1.1		mg/Kg-dry	10	8/7/2023
Nickel	36	1.1		mg/Kg-dry	10	8/7/2023

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Date Reported: August 24, 2023

ANALYTICAL RESULTS

Date Printed: August 24, 2023

Client: GSG Consultants, Inc.

Client Sample ID: B-05-0708

Work Order: 23080255 Revision 1

Collection Date: 8/4/2023 9:10:00 AM

Project: 23-2038, CDOT Lincoln Square

Matrix: Soil

Lab ID: 23080255-001

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Metals by ICP/MS	SW6020A (SW3050B)			Prep Date: 8/7/2023		Analyst: MMR
Potassium	2500	34		mg/Kg-dry	10	8/7/2023
Selenium	ND	1.1		mg/Kg-dry	10	8/7/2023
Silver	ND	1.1	*	mg/Kg-dry	10	8/7/2023
Sodium	490	68		mg/Kg-dry	10	8/7/2023
Thallium	ND	1.1		mg/Kg-dry	10	8/7/2023
Vanadium	24	1.1		mg/Kg-dry	10	8/7/2023
Zinc	51	5.7		mg/Kg-dry	10	8/7/2023
Mercury	SW7471B			Prep Date: 8/7/2023		Analyst: SH
Mercury	0.029	0.023		mg/Kg-dry	1	8/7/2023
Cyanide, Total	SW9012A			Prep Date: 8/9/2023		Analyst: SJI
Cyanide	ND	0.60		mg/Kg-dry	1	8/9/2023
pH (25 °C)	SW9045C			Prep Date: 8/10/2023		Analyst: RW
pH	7.78			pH Units	1	8/10/2023
Percent Moisture	D2974			Prep Date: 8/10/2023		Analyst: JB2
Percent Moisture	17.1	0.2	*	wt%	1	8/11/2023

Qualifiers:
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Date Reported: August 24, 2023

ANALYTICAL RESULTS

Date Printed: August 24, 2023

Client: GSG Consultants, Inc.

Client Sample ID: B-06-0708

Work Order: 23080255 Revision 1

Collection Date: 8/4/2023 10:20:00 AM

Project: 23-2038, CDOT Lincoln Square

Matrix: Soil

Lab ID: 23080255-002

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS		SW5035/8260B		Prep Date: 8/4/2023		Analyst: ERP
Acetone	ND	0.071		mg/Kg-dry	1	8/11/2023
Benzene	ND	0.0047		mg/Kg-dry	1	8/11/2023
Bromodichloromethane	ND	0.0047		mg/Kg-dry	1	8/11/2023
Bromoform	ND	0.0047		mg/Kg-dry	1	8/11/2023
Bromomethane	ND	0.0094		mg/Kg-dry	1	8/11/2023
2-Butanone	ND	0.071		mg/Kg-dry	1	8/11/2023
Carbon disulfide	ND	0.047		mg/Kg-dry	1	8/11/2023
Carbon tetrachloride	ND	0.0047		mg/Kg-dry	1	8/11/2023
Chlorobenzene	ND	0.0047		mg/Kg-dry	1	8/11/2023
Chloroethane	ND	0.0094		mg/Kg-dry	1	8/11/2023
Chloroform	ND	0.0047		mg/Kg-dry	1	8/11/2023
Chloromethane	ND	0.0094		mg/Kg-dry	1	8/11/2023
Dibromochloromethane	ND	0.0047		mg/Kg-dry	1	8/11/2023
1,1-Dichloroethane	ND	0.0047		mg/Kg-dry	1	8/11/2023
1,2-Dichloroethane	ND	0.0047		mg/Kg-dry	1	8/11/2023
1,1-Dichloroethene	ND	0.0047		mg/Kg-dry	1	8/11/2023
cis-1,2-Dichloroethene	ND	0.0047		mg/Kg-dry	1	8/11/2023
trans-1,2-Dichloroethene	ND	0.0047		mg/Kg-dry	1	8/11/2023
1,2-Dichloropropane	ND	0.0047		mg/Kg-dry	1	8/11/2023
cis-1,3-Dichloropropene	ND	0.0019		mg/Kg-dry	1	8/11/2023
trans-1,3-Dichloropropene	ND	0.0019		mg/Kg-dry	1	8/11/2023
Ethylbenzene	ND	0.0047		mg/Kg-dry	1	8/11/2023
2-Hexanone	ND	0.019		mg/Kg-dry	1	8/11/2023
4-Methyl-2-pentanone	ND	0.019		mg/Kg-dry	1	8/11/2023
Methylene chloride	ND	0.0094		mg/Kg-dry	1	8/11/2023
Methyl tert-butyl ether	ND	0.0047		mg/Kg-dry	1	8/11/2023
Styrene	ND	0.0047		mg/Kg-dry	1	8/11/2023
1,1,2,2-Tetrachloroethane	ND	0.0047		mg/Kg-dry	1	8/11/2023
Tetrachloroethene	ND	0.0047		mg/Kg-dry	1	8/11/2023
Toluene	ND	0.0047		mg/Kg-dry	1	8/11/2023
1,1,1-Trichloroethane	ND	0.0047		mg/Kg-dry	1	8/11/2023
1,1,2-Trichloroethane	ND	0.0047		mg/Kg-dry	1	8/11/2023
Trichloroethene	ND	0.0047		mg/Kg-dry	1	8/11/2023
Vinyl chloride	ND	0.0047		mg/Kg-dry	1	8/11/2023
Xylenes, Total	ND	0.014		mg/Kg-dry	1	8/11/2023
Semivolatile Organic Compounds by GC/MS		SW8270C (SW3550B)		Prep Date: 8/9/2023		Analyst: DM
Acenaphthene	ND	0.039		mg/Kg-dry	1	8/10/2023
Acenaphthylene	ND	0.039		mg/Kg-dry	1	8/10/2023

Qualifiers:
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 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 HT - Sample received past holding time
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RL - Reporting / Quantitation Limit for the analysis
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Date Reported: August 24, 2023

ANALYTICAL RESULTS

Date Printed: August 24, 2023

Client: GSG Consultants, Inc.

Client Sample ID: B-06-0708

Work Order: 23080255 Revision 1

Collection Date: 8/4/2023 10:20:00 AM

Project: 23-2038, CDOT Lincoln Square

Matrix: Soil

Lab ID: 23080255-002

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS	SW8270C (SW3550B)			Prep Date: 8/9/2023		Analyst: DM
Aniline	ND	0.40		mg/Kg-dry	1	8/10/2023
Anthracene	ND	0.039		mg/Kg-dry	1	8/10/2023
Benz(a)anthracene	ND	0.039		mg/Kg-dry	1	8/10/2023
Benzidine	ND	0.39		mg/Kg-dry	1	8/10/2023
Benzo(a)pyrene	ND	0.039		mg/Kg-dry	1	8/10/2023
Benzo(b)fluoranthene	ND	0.039		mg/Kg-dry	1	8/10/2023
Benzo(g,h,i)perylene	ND	0.039		mg/Kg-dry	1	8/10/2023
Benzo(k)fluoranthene	ND	0.039		mg/Kg-dry	1	8/10/2023
Benzoic acid	ND	0.99		mg/Kg-dry	1	8/10/2023
Benzyl alcohol	ND	0.20		mg/Kg-dry	1	8/10/2023
Bis(2-chloroethoxy)methane	ND	0.20		mg/Kg-dry	1	8/10/2023
Bis(2-chloroethyl)ether	ND	0.20		mg/Kg-dry	1	8/10/2023
Bis(2-ethylhexyl)phthalate	ND	0.99		mg/Kg-dry	1	8/10/2023
4-Bromophenyl phenyl ether	ND	0.20		mg/Kg-dry	1	8/10/2023
Butyl benzyl phthalate	ND	0.20		mg/Kg-dry	1	8/10/2023
Carbazole	ND	0.20		mg/Kg-dry	1	8/10/2023
4-Chloroaniline	ND	0.20		mg/Kg-dry	1	8/10/2023
4-Chloro-3-methylphenol	ND	0.39		mg/Kg-dry	1	8/10/2023
2-Chloronaphthalene	ND	0.20		mg/Kg-dry	1	8/10/2023
2-Chlorophenol	ND	0.20		mg/Kg-dry	1	8/10/2023
4-Chlorophenyl phenyl ether	ND	0.20		mg/Kg-dry	1	8/10/2023
2, 2'-oxybis(1-Chloropropane)	ND	0.20		mg/Kg-dry	1	8/10/2023
Chrysene	ND	0.039		mg/Kg-dry	1	8/10/2023
Dibenz(a,h)anthracene	ND	0.039		mg/Kg-dry	1	8/10/2023
Dibenzofuran	ND	0.20		mg/Kg-dry	1	8/10/2023
1,2-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	8/10/2023
1,3-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	8/10/2023
1,4-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	8/10/2023
3,3'-Dichlorobenzidine	ND	0.20		mg/Kg-dry	1	8/10/2023
2,4-Dichlorophenol	ND	0.20		mg/Kg-dry	1	8/10/2023
Diethyl phthalate	ND	0.20		mg/Kg-dry	1	8/10/2023
Dimethyl phthalate	ND	0.20		mg/Kg-dry	1	8/10/2023
2,4-Dimethylphenol	ND	0.20		mg/Kg-dry	1	8/10/2023
Di-n-butyl phthalate	ND	0.20		mg/Kg-dry	1	8/10/2023
4,6-Dinitro-2-methylphenol	ND	0.39		mg/Kg-dry	1	8/10/2023
2,4-Dinitrophenol	ND	0.99		mg/Kg-dry	1	8/10/2023
2,4-Dinitrotoluene	ND	0.039		mg/Kg-dry	1	8/10/2023
2,6-Dinitrotoluene	ND	0.039		mg/Kg-dry	1	8/10/2023

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers:

J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

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Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: August 24, 2023

ANALYTICAL RESULTS

Date Printed: August 24, 2023

Client: GSG Consultants, Inc.

Client Sample ID: B-06-0708

Work Order: 23080255 Revision 1

Collection Date: 8/4/2023 10:20:00 AM

Project: 23-2038, CDOT Lincoln Square

Matrix: Soil

Lab ID: 23080255-002

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
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Semivolatile Organic Compounds by GC/MS SW8270C (SW3550B) Prep Date: 8/9/2023 Analyst: DM

Di-n-octyl phthalate	ND	0.20		mg/Kg-dry	1	8/10/2023
Fluoranthene	ND	0.039		mg/Kg-dry	1	8/10/2023
Fluorene	ND	0.039		mg/Kg-dry	1	8/10/2023
Hexachlorobenzene	ND	0.20		mg/Kg-dry	1	8/10/2023
Hexachlorobutadiene	ND	0.20		mg/Kg-dry	1	8/10/2023
Hexachlorocyclopentadiene	ND	0.20		mg/Kg-dry	1	8/10/2023
Hexachloroethane	ND	0.20		mg/Kg-dry	1	8/10/2023
Indeno(1,2,3-cd)pyrene	ND	0.039		mg/Kg-dry	1	8/10/2023
Isophorone	ND	0.20		mg/Kg-dry	1	8/10/2023
2-Methylnaphthalene	ND	0.20		mg/Kg-dry	1	8/10/2023
2-Methylphenol	ND	0.20		mg/Kg-dry	1	8/10/2023
4-Methylphenol	ND	0.20		mg/Kg-dry	1	8/10/2023
Naphthalene	ND	0.039		mg/Kg-dry	1	8/10/2023
2-Nitroaniline	ND	0.20		mg/Kg-dry	1	8/10/2023
3-Nitroaniline	ND	0.20		mg/Kg-dry	1	8/10/2023
4-Nitroaniline	ND	0.20		mg/Kg-dry	1	8/10/2023
Nitrobenzene	ND	0.039		mg/Kg-dry	1	8/10/2023
2-Nitrophenol	ND	0.20		mg/Kg-dry	1	8/10/2023
4-Nitrophenol	ND	0.39		mg/Kg-dry	1	8/10/2023
N-Nitrosodimethylamine	ND	0.20		mg/Kg-dry	1	8/10/2023
N-Nitrosodi-n-propylamine	ND	0.039		mg/Kg-dry	1	8/10/2023
N-Nitrosodiphenylamine	ND	0.039		mg/Kg-dry	1	8/10/2023
Pentachlorophenol	ND	0.039		mg/Kg-dry	1	8/10/2023
Phenanthrene	ND	0.039		mg/Kg-dry	1	8/10/2023
Phenol	ND	0.20		mg/Kg-dry	1	8/10/2023
Pyrene	ND	0.039		mg/Kg-dry	1	8/10/2023
Pyridine	ND	0.80		mg/Kg-dry	1	8/10/2023
1,2,4-Trichlorobenzene	ND	0.20		mg/Kg-dry	1	8/10/2023
2,4,5-Trichlorophenol	ND	0.20		mg/Kg-dry	1	8/10/2023
2,4,6-Trichlorophenol	ND	0.20		mg/Kg-dry	1	8/10/2023

PCBs SW8082A (SW3550B) Prep Date: 8/7/2023 Analyst: GVC

Aroclor 1016	ND	0.095		mg/Kg-dry	1	8/7/2023
Aroclor 1221	ND	0.095		mg/Kg-dry	1	8/7/2023
Aroclor 1232	ND	0.095		mg/Kg-dry	1	8/7/2023
Aroclor 1242	ND	0.095		mg/Kg-dry	1	8/7/2023
Aroclor 1248	ND	0.095		mg/Kg-dry	1	8/7/2023
Aroclor 1254	ND	0.095		mg/Kg-dry	1	8/7/2023
Aroclor 1260	ND	0.095		mg/Kg-dry	1	8/7/2023

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Date Reported: August 24, 2023

ANALYTICAL RESULTS

Date Printed: August 24, 2023

Client: GSG Consultants, Inc.

Client Sample ID: B-06-0708

Work Order: 23080255 Revision 1

Collection Date: 8/4/2023 10:20:00 AM

Project: 23-2038, CDOT Lincoln Square

Matrix: Soil

Lab ID: 23080255-002

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Pesticides	SW8081B (SW3550B)			Prep Date: 8/7/2023		Analyst: GVC
4,4'-DDD	ND	0.0019		mg/Kg-dry	1	8/7/2023
4,4'-DDE	ND	0.0019		mg/Kg-dry	1	8/7/2023
4,4'-DDT	ND	0.0019		mg/Kg-dry	1	8/7/2023
Aldrin	ND	0.0019		mg/Kg-dry	1	8/7/2023
alpha-BHC	ND	0.0019		mg/Kg-dry	1	8/7/2023
alpha-Chlordane	ND	0.0019		mg/Kg-dry	1	8/7/2023
beta-BHC	ND	0.0019		mg/Kg-dry	1	8/7/2023
Chlordane	ND	0.019		mg/Kg-dry	1	8/7/2023
delta-BHC	ND	0.0019		mg/Kg-dry	1	8/7/2023
Dieldrin	ND	0.0019		mg/Kg-dry	1	8/7/2023
Endosulfan I	ND	0.0019		mg/Kg-dry	1	8/7/2023
Endosulfan II	ND	0.0019		mg/Kg-dry	1	8/7/2023
Endosulfan sulfate	ND	0.0019		mg/Kg-dry	1	8/7/2023
Endrin	ND	0.0019		mg/Kg-dry	1	8/7/2023
Endrin aldehyde	ND	0.0019		mg/Kg-dry	1	8/7/2023
Endrin ketone	ND	0.0019		mg/Kg-dry	1	8/7/2023
gamma-BHC	ND	0.0019		mg/Kg-dry	1	8/7/2023
gamma-Chlordane	ND	0.0019		mg/Kg-dry	1	8/7/2023
Heptachlor	ND	0.0019		mg/Kg-dry	1	8/7/2023
Heptachlor epoxide	ND	0.0019		mg/Kg-dry	1	8/7/2023
Methoxychlor	ND	0.0019		mg/Kg-dry	1	8/7/2023
Toxaphene	ND	0.039		mg/Kg-dry	1	8/7/2023
Metals by ICP/MS	SW6020A (SW3050B)			Prep Date: 8/7/2023		Analyst: MMR
Aluminum	7900	22		mg/Kg-dry	10	8/7/2023
Antimony	ND	2.2		mg/Kg-dry	10	8/7/2023
Arsenic	6.1	1.1		mg/Kg-dry	10	8/7/2023
Barium	28	1.1		mg/Kg-dry	10	8/7/2023
Beryllium	0.57	0.55		mg/Kg-dry	10	8/7/2023
Cadmium	ND	0.55		mg/Kg-dry	10	8/7/2023
Calcium	66000	66		mg/Kg-dry	10	8/7/2023
Chromium	17	1.1		mg/Kg-dry	10	8/7/2023
Cobalt	15	1.1		mg/Kg-dry	10	8/7/2023
Copper	47	2.7		mg/Kg-dry	10	8/7/2023
Iron	32000	32		mg/Kg-dry	10	8/7/2023
Lead	22	0.55		mg/Kg-dry	10	8/7/2023
Magnesium	38000	32		mg/Kg-dry	10	8/7/2023
Manganese	570	1.1		mg/Kg-dry	10	8/7/2023
Nickel	36	1.1		mg/Kg-dry	10	8/7/2023

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Date Reported: August 24, 2023

ANALYTICAL RESULTS

Date Printed: August 24, 2023

Client: GSG Consultants, Inc.

Client Sample ID: B-06-0708

Work Order: 23080255 Revision 1

Collection Date: 8/4/2023 10:20:00 AM

Project: 23-2038, CDOT Lincoln Square

Matrix: Soil

Lab ID: 23080255-002

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Metals by ICP/MS	SW6020A (SW3050B)			Prep Date: 8/7/2023		Analyst: MMR
Potassium	1700	32		mg/Kg-dry	10	8/7/2023
Selenium	ND	1.1		mg/Kg-dry	10	8/7/2023
Silver	ND	1.1	*	mg/Kg-dry	10	8/7/2023
Sodium	830	66		mg/Kg-dry	10	8/7/2023
Thallium	ND	1.1		mg/Kg-dry	10	8/7/2023
Vanadium	20	1.1		mg/Kg-dry	10	8/7/2023
Zinc	55	5.5		mg/Kg-dry	10	8/7/2023
Mercury	SW7471B			Prep Date: 8/7/2023		Analyst: SH
Mercury	0.049	0.022		mg/Kg-dry	1	8/7/2023
Cyanide, Total	SW9012A			Prep Date: 8/9/2023		Analyst: SJI
Cyanide	ND	0.60		mg/Kg-dry	1	8/9/2023
pH (25 °C)	SW9045C			Prep Date: 8/10/2023		Analyst: RW
pH	8.08			pH Units	1	8/10/2023
Percent Moisture	D2974			Prep Date: 8/10/2023		Analyst: JB2
Percent Moisture	16.3	0.2	*	wt%	1	8/11/2023

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Date Reported: August 24, 2023

ANALYTICAL RESULTS

Date Printed: August 24, 2023

Client: GSG Consultants, Inc.

Client Sample ID: B-07-0708

Work Order: 23080255 Revision 1

Collection Date: 8/4/2023 11:20:00 AM

Project: 23-2038, CDOT Lincoln Square

Matrix: Soil

Lab ID: 23080255-003

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS		SW5035/8260B		Prep Date: 8/4/2023		Analyst: ERP
Acetone	ND	0.080		mg/Kg-dry	1	8/11/2023
Benzene	ND	0.0053		mg/Kg-dry	1	8/11/2023
Bromodichloromethane	ND	0.0053		mg/Kg-dry	1	8/11/2023
Bromoform	ND	0.0053		mg/Kg-dry	1	8/11/2023
Bromomethane	ND	0.011		mg/Kg-dry	1	8/11/2023
2-Butanone	ND	0.080		mg/Kg-dry	1	8/11/2023
Carbon disulfide	ND	0.053		mg/Kg-dry	1	8/11/2023
Carbon tetrachloride	ND	0.0053		mg/Kg-dry	1	8/11/2023
Chlorobenzene	ND	0.0053		mg/Kg-dry	1	8/11/2023
Chloroethane	ND	0.011		mg/Kg-dry	1	8/11/2023
Chloroform	ND	0.0053		mg/Kg-dry	1	8/11/2023
Chloromethane	ND	0.011		mg/Kg-dry	1	8/11/2023
Dibromochloromethane	ND	0.0053		mg/Kg-dry	1	8/11/2023
1,1-Dichloroethane	ND	0.0053		mg/Kg-dry	1	8/11/2023
1,2-Dichloroethane	ND	0.0053		mg/Kg-dry	1	8/11/2023
1,1-Dichloroethene	ND	0.0053		mg/Kg-dry	1	8/11/2023
cis-1,2-Dichloroethene	ND	0.0053		mg/Kg-dry	1	8/11/2023
trans-1,2-Dichloroethene	ND	0.0053		mg/Kg-dry	1	8/11/2023
1,2-Dichloropropane	ND	0.0053		mg/Kg-dry	1	8/11/2023
cis-1,3-Dichloropropene	ND	0.0021		mg/Kg-dry	1	8/11/2023
trans-1,3-Dichloropropene	ND	0.0021		mg/Kg-dry	1	8/11/2023
Ethylbenzene	ND	0.0053		mg/Kg-dry	1	8/11/2023
2-Hexanone	ND	0.021		mg/Kg-dry	1	8/11/2023
4-Methyl-2-pentanone	ND	0.021		mg/Kg-dry	1	8/11/2023
Methylene chloride	ND	0.011		mg/Kg-dry	1	8/11/2023
Methyl tert-butyl ether	ND	0.0053		mg/Kg-dry	1	8/11/2023
Styrene	ND	0.0053		mg/Kg-dry	1	8/11/2023
1,1,2,2-Tetrachloroethane	ND	0.0053		mg/Kg-dry	1	8/11/2023
Tetrachloroethene	ND	0.0053		mg/Kg-dry	1	8/11/2023
Toluene	ND	0.0053		mg/Kg-dry	1	8/11/2023
1,1,1-Trichloroethane	ND	0.0053		mg/Kg-dry	1	8/11/2023
1,1,2-Trichloroethane	ND	0.0053		mg/Kg-dry	1	8/11/2023
Trichloroethene	ND	0.0053		mg/Kg-dry	1	8/11/2023
Vinyl chloride	ND	0.0053		mg/Kg-dry	1	8/11/2023
Xylenes, Total	ND	0.016		mg/Kg-dry	1	8/11/2023
Semivolatile Organic Compounds by GC/MS		SW8270C (SW3550B)		Prep Date: 8/9/2023		Analyst: DM
Acenaphthene	ND	0.040		mg/Kg-dry	1	8/10/2023
Acenaphthylene	ND	0.040		mg/Kg-dry	1	8/10/2023

Qualifiers:
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Date Reported: August 24, 2023

ANALYTICAL RESULTS

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Client: GSG Consultants, Inc.

Client Sample ID: B-07-0708

Work Order: 23080255 Revision 1

Collection Date: 8/4/2023 11:20:00 AM

Project: 23-2038, CDOT Lincoln Square

Matrix: Soil

Lab ID: 23080255-003

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS	SW8270C (SW3550B)			Prep Date: 8/9/2023		Analyst: DM
Aniline	ND	0.40		mg/Kg-dry	1	8/10/2023
Anthracene	ND	0.040		mg/Kg-dry	1	8/10/2023
Benz(a)anthracene	ND	0.040		mg/Kg-dry	1	8/10/2023
Benzidine	ND	0.40		mg/Kg-dry	1	8/10/2023
Benzo(a)pyrene	ND	0.040		mg/Kg-dry	1	8/10/2023
Benzo(b)fluoranthene	ND	0.040		mg/Kg-dry	1	8/10/2023
Benzo(g,h,i)perylene	ND	0.040		mg/Kg-dry	1	8/10/2023
Benzo(k)fluoranthene	ND	0.040		mg/Kg-dry	1	8/10/2023
Benzoic acid	ND	1.0		mg/Kg-dry	1	8/10/2023
Benzyl alcohol	ND	0.20		mg/Kg-dry	1	8/10/2023
Bis(2-chloroethoxy)methane	ND	0.20		mg/Kg-dry	1	8/10/2023
Bis(2-chloroethyl)ether	ND	0.20		mg/Kg-dry	1	8/10/2023
Bis(2-ethylhexyl)phthalate	ND	1.0		mg/Kg-dry	1	8/10/2023
4-Bromophenyl phenyl ether	ND	0.20		mg/Kg-dry	1	8/10/2023
Butyl benzyl phthalate	ND	0.20		mg/Kg-dry	1	8/10/2023
Carbazole	ND	0.20		mg/Kg-dry	1	8/10/2023
4-Chloroaniline	ND	0.20		mg/Kg-dry	1	8/10/2023
4-Chloro-3-methylphenol	ND	0.40		mg/Kg-dry	1	8/10/2023
2-Chloronaphthalene	ND	0.20		mg/Kg-dry	1	8/10/2023
2-Chlorophenol	ND	0.20		mg/Kg-dry	1	8/10/2023
4-Chlorophenyl phenyl ether	ND	0.20		mg/Kg-dry	1	8/10/2023
2, 2'-oxybis(1-Chloropropane)	ND	0.20		mg/Kg-dry	1	8/10/2023
Chrysene	ND	0.040		mg/Kg-dry	1	8/10/2023
Dibenz(a,h)anthracene	ND	0.040		mg/Kg-dry	1	8/10/2023
Dibenzofuran	ND	0.20		mg/Kg-dry	1	8/10/2023
1,2-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	8/10/2023
1,3-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	8/10/2023
1,4-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	8/10/2023
3,3'-Dichlorobenzidine	ND	0.20		mg/Kg-dry	1	8/10/2023
2,4-Dichlorophenol	ND	0.20		mg/Kg-dry	1	8/10/2023
Diethyl phthalate	ND	0.20		mg/Kg-dry	1	8/10/2023
Dimethyl phthalate	ND	0.20		mg/Kg-dry	1	8/10/2023
2,4-Dimethylphenol	ND	0.20		mg/Kg-dry	1	8/10/2023
Di-n-butyl phthalate	ND	0.20		mg/Kg-dry	1	8/10/2023
4,6-Dinitro-2-methylphenol	ND	0.40		mg/Kg-dry	1	8/10/2023
2,4-Dinitrophenol	ND	1.0		mg/Kg-dry	1	8/10/2023
2,4-Dinitrotoluene	ND	0.040		mg/Kg-dry	1	8/10/2023
2,6-Dinitrotoluene	ND	0.040		mg/Kg-dry	1	8/10/2023

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Work Order: 23080255 Revision 1

Collection Date: 8/4/2023 11:20:00 AM

Project: 23-2038, CDOT Lincoln Square

Matrix: Soil

Lab ID: 23080255-003

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS		SW8270C (SW3550B)		Prep Date: 8/9/2023		Analyst: DM
Di-n-octyl phthalate	ND	0.20		mg/Kg-dry	1	8/10/2023
Fluoranthene	ND	0.040		mg/Kg-dry	1	8/10/2023
Fluorene	ND	0.040		mg/Kg-dry	1	8/10/2023
Hexachlorobenzene	ND	0.20		mg/Kg-dry	1	8/10/2023
Hexachlorobutadiene	ND	0.20		mg/Kg-dry	1	8/10/2023
Hexachlorocyclopentadiene	ND	0.20		mg/Kg-dry	1	8/10/2023
Hexachloroethane	ND	0.20		mg/Kg-dry	1	8/10/2023
Indeno(1,2,3-cd)pyrene	ND	0.040		mg/Kg-dry	1	8/10/2023
Isophorone	ND	0.20		mg/Kg-dry	1	8/10/2023
2-Methylnaphthalene	ND	0.20		mg/Kg-dry	1	8/10/2023
2-Methylphenol	ND	0.20		mg/Kg-dry	1	8/10/2023
4-Methylphenol	ND	0.20		mg/Kg-dry	1	8/10/2023
Naphthalene	ND	0.040		mg/Kg-dry	1	8/10/2023
2-Nitroaniline	ND	0.20		mg/Kg-dry	1	8/10/2023
3-Nitroaniline	ND	0.20		mg/Kg-dry	1	8/10/2023
4-Nitroaniline	ND	0.20		mg/Kg-dry	1	8/10/2023
Nitrobenzene	ND	0.040		mg/Kg-dry	1	8/10/2023
2-Nitrophenol	ND	0.20		mg/Kg-dry	1	8/10/2023
4-Nitrophenol	ND	0.40		mg/Kg-dry	1	8/10/2023
N-Nitrosodimethylamine	ND	0.20		mg/Kg-dry	1	8/10/2023
N-Nitrosodi-n-propylamine	ND	0.040		mg/Kg-dry	1	8/10/2023
N-Nitrosodiphenylamine	ND	0.040		mg/Kg-dry	1	8/10/2023
Pentachlorophenol	ND	0.040		mg/Kg-dry	1	8/10/2023
Phenanthrene	ND	0.040		mg/Kg-dry	1	8/10/2023
Phenol	ND	0.20		mg/Kg-dry	1	8/10/2023
Pyrene	ND	0.040		mg/Kg-dry	1	8/10/2023
Pyridine	ND	0.81		mg/Kg-dry	1	8/10/2023
1,2,4-Trichlorobenzene	ND	0.20		mg/Kg-dry	1	8/10/2023
2,4,5-Trichlorophenol	ND	0.20		mg/Kg-dry	1	8/10/2023
2,4,6-Trichlorophenol	ND	0.20		mg/Kg-dry	1	8/10/2023
PCBs		SW8082A (SW3550B)		Prep Date: 8/7/2023		Analyst: GVC
Aroclor 1016	ND	0.096		mg/Kg-dry	1	8/7/2023
Aroclor 1221	ND	0.096		mg/Kg-dry	1	8/7/2023
Aroclor 1232	ND	0.096		mg/Kg-dry	1	8/7/2023
Aroclor 1242	ND	0.096		mg/Kg-dry	1	8/7/2023
Aroclor 1248	ND	0.096		mg/Kg-dry	1	8/7/2023
Aroclor 1254	ND	0.096		mg/Kg-dry	1	8/7/2023
Aroclor 1260	ND	0.096		mg/Kg-dry	1	8/7/2023

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers:

J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

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STAT Analysis Corporation

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: August 24, 2023

ANALYTICAL RESULTS

Date Printed: August 24, 2023

Client: GSG Consultants, Inc.

Client Sample ID: B-07-0708

Work Order: 23080255 Revision 1

Collection Date: 8/4/2023 11:20:00 AM

Project: 23-2038, CDOT Lincoln Square

Matrix: Soil

Lab ID: 23080255-003

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Pesticides	SW8081B (SW3550B)		Prep Date: 8/7/2023		Analyst: GVC	
4,4'-DDD	ND	0.0019		mg/Kg-dry	1	8/7/2023
4,4'-DDE	ND	0.0019		mg/Kg-dry	1	8/7/2023
4,4'-DDT	ND	0.0019		mg/Kg-dry	1	8/7/2023
Aldrin	ND	0.0019		mg/Kg-dry	1	8/7/2023
alpha-BHC	ND	0.0019		mg/Kg-dry	1	8/7/2023
alpha-Chlordane	ND	0.0019		mg/Kg-dry	1	8/7/2023
beta-BHC	ND	0.0019		mg/Kg-dry	1	8/7/2023
Chlordane	ND	0.019		mg/Kg-dry	1	8/7/2023
delta-BHC	ND	0.0019		mg/Kg-dry	1	8/7/2023
Dieldrin	ND	0.0019		mg/Kg-dry	1	8/7/2023
Endosulfan I	ND	0.0019		mg/Kg-dry	1	8/7/2023
Endosulfan II	ND	0.0019		mg/Kg-dry	1	8/7/2023
Endosulfan sulfate	ND	0.0019		mg/Kg-dry	1	8/7/2023
Endrin	ND	0.0019		mg/Kg-dry	1	8/7/2023
Endrin aldehyde	ND	0.0019		mg/Kg-dry	1	8/7/2023
Endrin ketone	ND	0.0019		mg/Kg-dry	1	8/7/2023
gamma-BHC	ND	0.0019		mg/Kg-dry	1	8/7/2023
gamma-Chlordane	ND	0.0019		mg/Kg-dry	1	8/7/2023
Heptachlor	ND	0.0019		mg/Kg-dry	1	8/7/2023
Heptachlor epoxide	ND	0.0019		mg/Kg-dry	1	8/7/2023
Methoxychlor	ND	0.0019		mg/Kg-dry	1	8/7/2023
Toxaphene	ND	0.040		mg/Kg-dry	1	8/7/2023
Metals by ICP/MS	SW6020A (SW3050B)		Prep Date: 8/7/2023		Analyst: MMR	
Aluminum	14000	22		mg/Kg-dry	10	8/7/2023
Antimony	ND	2.2		mg/Kg-dry	10	8/7/2023
Arsenic	10	1.1		mg/Kg-dry	10	8/7/2023
Barium	36	1.1		mg/Kg-dry	10	8/7/2023
Beryllium	0.94	0.54		mg/Kg-dry	10	8/7/2023
Cadmium	ND	0.54		mg/Kg-dry	10	8/7/2023
Calcium	63000	65		mg/Kg-dry	10	8/7/2023
Chromium	29	1.1		mg/Kg-dry	10	8/7/2023
Cobalt	18	1.1		mg/Kg-dry	10	8/7/2023
Copper	34	2.8		mg/Kg-dry	10	8/7/2023
Iron	30000	33		mg/Kg-dry	10	8/7/2023
Lead	18	0.54		mg/Kg-dry	10	8/7/2023
Magnesium	31000	33		mg/Kg-dry	10	8/7/2023
Manganese	520	1.1		mg/Kg-dry	10	8/7/2023
Nickel	47	1.1		mg/Kg-dry	10	8/7/2023

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Date Reported: August 24, 2023

ANALYTICAL RESULTS

Date Printed: August 24, 2023

Client: GSG Consultants, Inc.

Client Sample ID: B-07-0708

Work Order: 23080255 Revision 1

Collection Date: 8/4/2023 11:20:00 AM

Project: 23-2038, CDOT Lincoln Square

Matrix: Soil

Lab ID: 23080255-003

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Metals by ICP/MS	SW6020A (SW3050B)		Prep Date: 8/7/2023		Analyst: MMR	
Potassium	3100	33		mg/Kg-dry	10	8/7/2023
Selenium	ND	1.1		mg/Kg-dry	10	8/7/2023
Silver	ND	1.1	*	mg/Kg-dry	10	8/7/2023
Sodium	2200	65		mg/Kg-dry	10	8/7/2023
Thallium	ND	1.1		mg/Kg-dry	10	8/7/2023
Vanadium	30	1.1		mg/Kg-dry	10	8/7/2023
Zinc	61	5.4		mg/Kg-dry	10	8/7/2023
TCLP Metals by ICP/MS	SW1311/6020A (SW3005A)		Prep Date: 8/23/2023		Analyst: MMR	
Aluminum	0.15	0.10		mg/L	5	8/23/2023
Chromium	ND	0.010		mg/L	5	8/23/2023
Iron	ND	0.25		mg/L	5	8/23/2023
Mercury	SW7471B		Prep Date: 8/7/2023		Analyst: SH	
Mercury	0.030	0.021		mg/Kg-dry	1	8/7/2023
Cyanide, Total	SW9012A		Prep Date: 8/9/2023		Analyst: SJI	
Cyanide	ND	0.60		mg/Kg-dry	1	8/9/2023
pH (25 °C)	SW9045C		Prep Date: 8/10/2023		Analyst: RW	
pH	8.07			pH Units	1	8/10/2023
Percent Moisture	D2974		Prep Date: 8/9/2023		Analyst: JB2	
Percent Moisture	17.2	0.2	*	wt%	1	8/10/2023

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 ND - Not Detected at the Reporting Limit
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Date Reported: August 24, 2023

Date Printed: August 24, 2023

ANALYTICAL RESULTS

Client: GSG Consultants, Inc.

Client Sample ID: B-08-0708

Work Order: 23080255 Revision 1

Collection Date: 8/4/2023 12:10:00 PM

Project: 23-2038, CDOT Lincoln Square

Matrix: Soil

Lab ID: 23080255-004

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS		SW5035/8260B		Prep Date: 8/4/2023		Analyst: ERP
Acetone	ND	0.082		mg/Kg-dry	1	8/11/2023
Benzene	ND	0.0055		mg/Kg-dry	1	8/11/2023
Bromodichloromethane	ND	0.0055		mg/Kg-dry	1	8/11/2023
Bromoform	ND	0.0055		mg/Kg-dry	1	8/11/2023
Bromomethane	ND	0.011		mg/Kg-dry	1	8/11/2023
2-Butanone	ND	0.082		mg/Kg-dry	1	8/11/2023
Carbon disulfide	ND	0.055		mg/Kg-dry	1	8/11/2023
Carbon tetrachloride	ND	0.0055		mg/Kg-dry	1	8/11/2023
Chlorobenzene	ND	0.0055		mg/Kg-dry	1	8/11/2023
Chloroethane	ND	0.011		mg/Kg-dry	1	8/11/2023
Chloroform	ND	0.0055		mg/Kg-dry	1	8/11/2023
Chloromethane	ND	0.011		mg/Kg-dry	1	8/11/2023
Dibromochloromethane	ND	0.0055		mg/Kg-dry	1	8/11/2023
1,1-Dichloroethane	ND	0.0055		mg/Kg-dry	1	8/11/2023
1,2-Dichloroethane	ND	0.0055		mg/Kg-dry	1	8/11/2023
1,1-Dichloroethene	ND	0.0055		mg/Kg-dry	1	8/11/2023
cis-1,2-Dichloroethene	ND	0.0055		mg/Kg-dry	1	8/11/2023
trans-1,2-Dichloroethene	ND	0.0055		mg/Kg-dry	1	8/11/2023
1,2-Dichloropropane	ND	0.0055		mg/Kg-dry	1	8/11/2023
cis-1,3-Dichloropropene	ND	0.0022		mg/Kg-dry	1	8/11/2023
trans-1,3-Dichloropropene	ND	0.0022		mg/Kg-dry	1	8/11/2023
Ethylbenzene	ND	0.0055		mg/Kg-dry	1	8/11/2023
2-Hexanone	ND	0.022		mg/Kg-dry	1	8/11/2023
4-Methyl-2-pentanone	ND	0.022		mg/Kg-dry	1	8/11/2023
Methylene chloride	ND	0.011		mg/Kg-dry	1	8/11/2023
Methyl tert-butyl ether	ND	0.0055		mg/Kg-dry	1	8/11/2023
Styrene	ND	0.0055		mg/Kg-dry	1	8/11/2023
1,1,2,2-Tetrachloroethane	ND	0.0055		mg/Kg-dry	1	8/11/2023
Tetrachloroethene	ND	0.0055		mg/Kg-dry	1	8/11/2023
Toluene	ND	0.0055		mg/Kg-dry	1	8/11/2023
1,1,1-Trichloroethane	ND	0.0055		mg/Kg-dry	1	8/11/2023
1,1,2-Trichloroethane	ND	0.0055		mg/Kg-dry	1	8/11/2023
Trichloroethene	ND	0.0055		mg/Kg-dry	1	8/11/2023
Vinyl chloride	ND	0.0055		mg/Kg-dry	1	8/11/2023
Xylenes, Total	ND	0.016		mg/Kg-dry	1	8/11/2023
Semivolatile Organic Compounds by GC/MS		SW8270C (SW3550B)		Prep Date: 8/9/2023		Analyst: DM
Acenaphthene	ND	0.041		mg/Kg-dry	1	8/10/2023
Acenaphthylene	ND	0.041		mg/Kg-dry	1	8/10/2023

Qualifiers:
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Date Reported: August 24, 2023

ANALYTICAL RESULTS

Date Printed: August 24, 2023

Client: GSG Consultants, Inc.

Client Sample ID: B-08-0708

Work Order: 23080255 Revision 1

Collection Date: 8/4/2023 12:10:00 PM

Project: 23-2038, CDOT Lincoln Square

Matrix: Soil

Lab ID: 23080255-004

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS	SW8270C (SW3550B)				Prep Date: 8/9/2023	Analyst: DM
Aniline	ND	0.42		mg/Kg-dry	1	8/10/2023
Anthracene	ND	0.041		mg/Kg-dry	1	8/10/2023
Benz(a)anthracene	ND	0.041		mg/Kg-dry	1	8/10/2023
Benzidine	ND	0.41		mg/Kg-dry	1	8/10/2023
Benzo(a)pyrene	ND	0.041		mg/Kg-dry	1	8/10/2023
Benzo(b)fluoranthene	ND	0.041		mg/Kg-dry	1	8/10/2023
Benzo(g,h,i)perylene	ND	0.041		mg/Kg-dry	1	8/10/2023
Benzo(k)fluoranthene	ND	0.041		mg/Kg-dry	1	8/10/2023
Benzoic acid	ND	1.0		mg/Kg-dry	1	8/10/2023
Benzyl alcohol	ND	0.21		mg/Kg-dry	1	8/10/2023
Bis(2-chloroethoxy)methane	ND	0.21		mg/Kg-dry	1	8/10/2023
Bis(2-chloroethyl)ether	ND	0.21		mg/Kg-dry	1	8/10/2023
Bis(2-ethylhexyl)phthalate	ND	1.0		mg/Kg-dry	1	8/10/2023
4-Bromophenyl phenyl ether	ND	0.21		mg/Kg-dry	1	8/10/2023
Butyl benzyl phthalate	ND	0.21		mg/Kg-dry	1	8/10/2023
Carbazole	ND	0.21		mg/Kg-dry	1	8/10/2023
4-Chloroaniline	ND	0.21		mg/Kg-dry	1	8/10/2023
4-Chloro-3-methylphenol	ND	0.41		mg/Kg-dry	1	8/10/2023
2-Chloronaphthalene	ND	0.21		mg/Kg-dry	1	8/10/2023
2-Chlorophenol	ND	0.21		mg/Kg-dry	1	8/10/2023
4-Chlorophenyl phenyl ether	ND	0.21		mg/Kg-dry	1	8/10/2023
2, 2'-oxybis(1-Chloropropane)	ND	0.21		mg/Kg-dry	1	8/10/2023
Chrysene	ND	0.041		mg/Kg-dry	1	8/10/2023
Dibenz(a,h)anthracene	ND	0.041		mg/Kg-dry	1	8/10/2023
Dibenzofuran	ND	0.21		mg/Kg-dry	1	8/10/2023
1,2-Dichlorobenzene	ND	0.21		mg/Kg-dry	1	8/10/2023
1,3-Dichlorobenzene	ND	0.21		mg/Kg-dry	1	8/10/2023
1,4-Dichlorobenzene	ND	0.21		mg/Kg-dry	1	8/10/2023
3,3'-Dichlorobenzidine	ND	0.21		mg/Kg-dry	1	8/10/2023
2,4-Dichlorophenol	ND	0.21		mg/Kg-dry	1	8/10/2023
Diethyl phthalate	ND	0.21		mg/Kg-dry	1	8/10/2023
Dimethyl phthalate	ND	0.21		mg/Kg-dry	1	8/10/2023
2,4-Dimethylphenol	ND	0.21		mg/Kg-dry	1	8/10/2023
Di-n-butyl phthalate	ND	0.21		mg/Kg-dry	1	8/10/2023
4,6-Dinitro-2-methylphenol	ND	0.41		mg/Kg-dry	1	8/10/2023
2,4-Dinitrophenol	ND	1.0		mg/Kg-dry	1	8/10/2023
2,4-Dinitrotoluene	ND	0.041		mg/Kg-dry	1	8/10/2023
2,6-Dinitrotoluene	ND	0.041		mg/Kg-dry	1	8/10/2023

ND - Not Detected at the Reporting Limit

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Qualifiers: J - Analyte detected below quantitation limits

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ANALYTICAL RESULTS

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Client: GSG Consultants, Inc.

Client Sample ID: B-08-0708

Work Order: 23080255 Revision 1

Collection Date: 8/4/2023 12:10:00 PM

Project: 23-2038, CDOT Lincoln Square

Matrix: Soil

Lab ID: 23080255-004

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
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Semivolatile Organic Compounds by GC/MS	SW8270C (SW3550B)			Prep Date: 8/9/2023		Analyst: DM
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Di-n-octyl phthalate	ND	0.21		mg/Kg-dry	1	8/10/2023
Fluoranthene	ND	0.041		mg/Kg-dry	1	8/10/2023
Fluorene	ND	0.041		mg/Kg-dry	1	8/10/2023
Hexachlorobenzene	ND	0.21		mg/Kg-dry	1	8/10/2023
Hexachlorobutadiene	ND	0.21		mg/Kg-dry	1	8/10/2023
Hexachlorocyclopentadiene	ND	0.21		mg/Kg-dry	1	8/10/2023
Hexachloroethane	ND	0.21		mg/Kg-dry	1	8/10/2023
Indeno(1,2,3-cd)pyrene	ND	0.041		mg/Kg-dry	1	8/10/2023
Isophorone	ND	0.21		mg/Kg-dry	1	8/10/2023
2-Methylnaphthalene	ND	0.21		mg/Kg-dry	1	8/10/2023
2-Methylphenol	ND	0.21		mg/Kg-dry	1	8/10/2023
4-Methylphenol	ND	0.21		mg/Kg-dry	1	8/10/2023
Naphthalene	ND	0.041		mg/Kg-dry	1	8/10/2023
2-Nitroaniline	ND	0.21		mg/Kg-dry	1	8/10/2023
3-Nitroaniline	ND	0.21		mg/Kg-dry	1	8/10/2023
4-Nitroaniline	ND	0.21		mg/Kg-dry	1	8/10/2023
Nitrobenzene	ND	0.041		mg/Kg-dry	1	8/10/2023
2-Nitrophenol	ND	0.21		mg/Kg-dry	1	8/10/2023
4-Nitrophenol	ND	0.41		mg/Kg-dry	1	8/10/2023
N-Nitrosodimethylamine	ND	0.21		mg/Kg-dry	1	8/10/2023
N-Nitrosodi-n-propylamine	ND	0.041		mg/Kg-dry	1	8/10/2023
N-Nitrosodiphenylamine	ND	0.041		mg/Kg-dry	1	8/10/2023
Pentachlorophenol	ND	0.041		mg/Kg-dry	1	8/10/2023
Phenanthrene	ND	0.041		mg/Kg-dry	1	8/10/2023
Phenol	ND	0.21		mg/Kg-dry	1	8/10/2023
Pyrene	ND	0.041		mg/Kg-dry	1	8/10/2023
Pyridine	ND	0.84		mg/Kg-dry	1	8/10/2023
1,2,4-Trichlorobenzene	ND	0.21		mg/Kg-dry	1	8/10/2023
2,4,5-Trichlorophenol	ND	0.21		mg/Kg-dry	1	8/10/2023
2,4,6-Trichlorophenol	ND	0.21		mg/Kg-dry	1	8/10/2023

PCBs	SW8082A (SW3550B)			Prep Date: 8/7/2023		Analyst: GVC
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Aroclor 1016	ND	0.099		mg/Kg-dry	1	8/7/2023
Aroclor 1221	ND	0.099		mg/Kg-dry	1	8/7/2023
Aroclor 1232	ND	0.099		mg/Kg-dry	1	8/7/2023
Aroclor 1242	ND	0.099		mg/Kg-dry	1	8/7/2023
Aroclor 1248	ND	0.099		mg/Kg-dry	1	8/7/2023
Aroclor 1254	ND	0.099		mg/Kg-dry	1	8/7/2023
Aroclor 1260	ND	0.099		mg/Kg-dry	1	8/7/2023

Qualifiers:
 ND - Not Detected at the Reporting Limit
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 B - Analyte detected in the associated Method Blank
 HT - Sample received past holding time
 * - Non-accredited parameter

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 S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range
 H - Holding time exceeded

STAT Analysis Corporation

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Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: August 24, 2023

ANALYTICAL RESULTS

Date Printed: August 24, 2023

Client: GSG Consultants, Inc.

Client Sample ID: B-08-0708

Work Order: 23080255 Revision 1

Collection Date: 8/4/2023 12:10:00 PM

Project: 23-2038, CDOT Lincoln Square

Matrix: Soil

Lab ID: 23080255-004

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Pesticides	SW8081B (SW3550B)		Prep Date: 8/7/2023		Analyst: GVC	
4,4'-DDD	ND	0.0020		mg/Kg-dry	1	8/7/2023
4,4'-DDE	ND	0.0020		mg/Kg-dry	1	8/7/2023
4,4'-DDT	ND	0.0020		mg/Kg-dry	1	8/7/2023
Aldrin	ND	0.0020		mg/Kg-dry	1	8/7/2023
alpha-BHC	ND	0.0020		mg/Kg-dry	1	8/7/2023
alpha-Chlordane	ND	0.0020		mg/Kg-dry	1	8/7/2023
beta-BHC	ND	0.0020		mg/Kg-dry	1	8/7/2023
Chlordane	ND	0.020		mg/Kg-dry	1	8/7/2023
delta-BHC	ND	0.0020		mg/Kg-dry	1	8/7/2023
Dieldrin	ND	0.0020		mg/Kg-dry	1	8/7/2023
Endosulfan I	ND	0.0020		mg/Kg-dry	1	8/7/2023
Endosulfan II	ND	0.0020		mg/Kg-dry	1	8/7/2023
Endosulfan sulfate	ND	0.0020		mg/Kg-dry	1	8/7/2023
Endrin	ND	0.0020		mg/Kg-dry	1	8/7/2023
Endrin aldehyde	ND	0.0020		mg/Kg-dry	1	8/7/2023
Endrin ketone	ND	0.0020		mg/Kg-dry	1	8/7/2023
gamma-BHC	ND	0.0020		mg/Kg-dry	1	8/7/2023
gamma-Chlordane	ND	0.0020		mg/Kg-dry	1	8/7/2023
Heptachlor	ND	0.0020		mg/Kg-dry	1	8/7/2023
Heptachlor epoxide	ND	0.0020		mg/Kg-dry	1	8/7/2023
Methoxychlor	ND	0.0020		mg/Kg-dry	1	8/7/2023
Toxaphene	ND	0.041		mg/Kg-dry	1	8/7/2023
Metals by ICP/MS	SW6020A (SW3050B)		Prep Date: 8/7/2023		Analyst: MMR	
Aluminum	3900	23		mg/Kg-dry	10	8/7/2023
Antimony	ND	2.3		mg/Kg-dry	10	8/7/2023
Arsenic	7.0	1.1		mg/Kg-dry	10	8/7/2023
Barium	20	1.1		mg/Kg-dry	10	8/7/2023
Beryllium	ND	0.56		mg/Kg-dry	10	8/7/2023
Cadmium	ND	0.56		mg/Kg-dry	10	8/7/2023
Calcium	91000	67		mg/Kg-dry	10	8/7/2023
Chromium	11	1.1		mg/Kg-dry	10	8/7/2023
Cobalt	7.1	1.1		mg/Kg-dry	10	8/7/2023
Copper	13	2.8		mg/Kg-dry	10	8/7/2023
Iron	19000	33		mg/Kg-dry	10	8/7/2023
Lead	8.6	0.56		mg/Kg-dry	10	8/7/2023
Magnesium	49000	33		mg/Kg-dry	10	8/7/2023
Manganese	600	1.1		mg/Kg-dry	10	8/7/2023
Nickel	14	1.1		mg/Kg-dry	10	8/7/2023

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers: J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

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Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: August 24, 2023

ANALYTICAL RESULTS

Date Printed: August 24, 2023

Client: GSG Consultants, Inc.

Client Sample ID: B-08-0708

Work Order: 23080255 Revision 1

Collection Date: 8/4/2023 12:10:00 PM

Project: 23-2038, CDOT Lincoln Square

Matrix: Soil

Lab ID: 23080255-004

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Metals by ICP/MS	SW6020A (SW3050B)			Prep Date: 8/7/2023		Analyst: MMR
Potassium	770	33		mg/Kg-dry	10	8/7/2023
Selenium	ND	1.1		mg/Kg-dry	10	8/7/2023
Silver	ND	1.1	*	mg/Kg-dry	10	8/7/2023
Sodium	2200	67		mg/Kg-dry	10	8/7/2023
Thallium	ND	1.1		mg/Kg-dry	10	8/7/2023
Vanadium	16	1.1		mg/Kg-dry	10	8/7/2023
Zinc	34	5.6		mg/Kg-dry	10	8/7/2023
Mercury	SW7471B			Prep Date: 8/7/2023		Analyst: SH
Mercury	0.056	0.020		mg/Kg-dry	1	8/7/2023
Cyanide, Total	SW9012A			Prep Date: 8/9/2023		Analyst: SJI
Cyanide	ND	0.63		mg/Kg-dry	1	8/9/2023
pH (25 °C)	SW9045C			Prep Date: 8/10/2023		Analyst: RW
pH	8.12			pH Units	1	8/10/2023
Percent Moisture	D2974			Prep Date: 8/9/2023		Analyst: JB2
Percent Moisture	21.1	0.2	*	wt%	1	8/10/2023

Qualifiers:
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Date Reported: August 24, 2023

ANALYTICAL RESULTS

Date Printed: August 24, 2023

Client: GSG Consultants, Inc.

Client Sample ID: B-10-0708

Work Order: 23080255 Revision 1

Collection Date: 8/4/2023 12:50:00 PM

Project: 23-2038, CDOT Lincoln Square

Matrix: Soil

Lab ID: 23080255-005

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS		SW5035/8260B		Prep Date: 8/4/2023		Analyst: ERP
Acetone	ND	0.074		mg/Kg-dry	1	8/11/2023
Benzene	ND	0.0049		mg/Kg-dry	1	8/11/2023
Bromodichloromethane	ND	0.0049		mg/Kg-dry	1	8/11/2023
Bromoform	ND	0.0049		mg/Kg-dry	1	8/11/2023
Bromomethane	ND	0.0098		mg/Kg-dry	1	8/11/2023
2-Butanone	ND	0.074		mg/Kg-dry	1	8/11/2023
Carbon disulfide	ND	0.049		mg/Kg-dry	1	8/11/2023
Carbon tetrachloride	ND	0.0049		mg/Kg-dry	1	8/11/2023
Chlorobenzene	ND	0.0049		mg/Kg-dry	1	8/11/2023
Chloroethane	ND	0.0098		mg/Kg-dry	1	8/11/2023
Chloroform	ND	0.0049		mg/Kg-dry	1	8/11/2023
Chloromethane	ND	0.0098		mg/Kg-dry	1	8/11/2023
Dibromochloromethane	ND	0.0049		mg/Kg-dry	1	8/11/2023
1,1-Dichloroethane	ND	0.0049		mg/Kg-dry	1	8/11/2023
1,2-Dichloroethane	ND	0.0049		mg/Kg-dry	1	8/11/2023
1,1-Dichloroethene	ND	0.0049		mg/Kg-dry	1	8/11/2023
cis-1,2-Dichloroethene	ND	0.0049		mg/Kg-dry	1	8/11/2023
trans-1,2-Dichloroethene	ND	0.0049		mg/Kg-dry	1	8/11/2023
1,2-Dichloropropane	ND	0.0049		mg/Kg-dry	1	8/11/2023
cis-1,3-Dichloropropene	ND	0.0020		mg/Kg-dry	1	8/11/2023
trans-1,3-Dichloropropene	ND	0.0020		mg/Kg-dry	1	8/11/2023
Ethylbenzene	ND	0.0049		mg/Kg-dry	1	8/11/2023
2-Hexanone	ND	0.020		mg/Kg-dry	1	8/11/2023
4-Methyl-2-pentanone	ND	0.020		mg/Kg-dry	1	8/11/2023
Methylene chloride	ND	0.0098		mg/Kg-dry	1	8/11/2023
Methyl tert-butyl ether	ND	0.0049		mg/Kg-dry	1	8/11/2023
Styrene	ND	0.0049		mg/Kg-dry	1	8/11/2023
1,1,2,2-Tetrachloroethane	ND	0.0049		mg/Kg-dry	1	8/11/2023
Tetrachloroethene	ND	0.0049		mg/Kg-dry	1	8/11/2023
Toluene	ND	0.0049		mg/Kg-dry	1	8/11/2023
1,1,1-Trichloroethane	ND	0.0049		mg/Kg-dry	1	8/11/2023
1,1,2-Trichloroethane	ND	0.0049		mg/Kg-dry	1	8/11/2023
Trichloroethene	ND	0.0049		mg/Kg-dry	1	8/11/2023
Vinyl chloride	ND	0.0049		mg/Kg-dry	1	8/11/2023
Xylenes, Total	ND	0.015		mg/Kg-dry	1	8/11/2023
Semivolatile Organic Compounds by GC/MS		SW8270C (SW3550B)		Prep Date: 8/9/2023		Analyst: DM
Acenaphthene	ND	0.039		mg/Kg-dry	1	8/10/2023
Acenaphthylene	ND	0.039		mg/Kg-dry	1	8/10/2023

Qualifiers:
 ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 HT - Sample received past holding time
 * - Non-accredited parameter

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Date Reported: August 24, 2023

ANALYTICAL RESULTS

Date Printed: August 24, 2023

Client: GSG Consultants, Inc.

Client Sample ID: B-10-0708

Work Order: 23080255 Revision 1

Collection Date: 8/4/2023 12:50:00 PM

Project: 23-2038, CDOT Lincoln Square

Matrix: Soil

Lab ID: 23080255-005

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS	SW8270C (SW3550B)				Prep Date: 8/9/2023	Analyst: DM
Aniline	ND	0.39		mg/Kg-dry	1	8/10/2023
Anthracene	ND	0.039		mg/Kg-dry	1	8/10/2023
Benz(a)anthracene	ND	0.039		mg/Kg-dry	1	8/10/2023
Benzidine	ND	0.39		mg/Kg-dry	1	8/10/2023
Benzo(a)pyrene	ND	0.039		mg/Kg-dry	1	8/10/2023
Benzo(b)fluoranthene	ND	0.039		mg/Kg-dry	1	8/10/2023
Benzo(g,h,i)perylene	ND	0.039		mg/Kg-dry	1	8/10/2023
Benzo(k)fluoranthene	ND	0.039		mg/Kg-dry	1	8/10/2023
Benzoic acid	ND	0.98		mg/Kg-dry	1	8/10/2023
Benzyl alcohol	ND	0.20		mg/Kg-dry	1	8/10/2023
Bis(2-chloroethoxy)methane	ND	0.20		mg/Kg-dry	1	8/10/2023
Bis(2-chloroethyl)ether	ND	0.20		mg/Kg-dry	1	8/10/2023
Bis(2-ethylhexyl)phthalate	ND	0.98		mg/Kg-dry	1	8/10/2023
4-Bromophenyl phenyl ether	ND	0.20		mg/Kg-dry	1	8/10/2023
Butyl benzyl phthalate	ND	0.20		mg/Kg-dry	1	8/10/2023
Carbazole	ND	0.20		mg/Kg-dry	1	8/10/2023
4-Chloroaniline	ND	0.20		mg/Kg-dry	1	8/10/2023
4-Chloro-3-methylphenol	ND	0.39		mg/Kg-dry	1	8/10/2023
2-Chloronaphthalene	ND	0.20		mg/Kg-dry	1	8/10/2023
2-Chlorophenol	ND	0.20		mg/Kg-dry	1	8/10/2023
4-Chlorophenyl phenyl ether	ND	0.20		mg/Kg-dry	1	8/10/2023
2, 2'-oxybis(1-Chloropropane)	ND	0.20		mg/Kg-dry	1	8/10/2023
Chrysene	ND	0.039		mg/Kg-dry	1	8/10/2023
Dibenz(a,h)anthracene	ND	0.039		mg/Kg-dry	1	8/10/2023
Dibenzofuran	ND	0.20		mg/Kg-dry	1	8/10/2023
1,2-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	8/10/2023
1,3-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	8/10/2023
1,4-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	8/10/2023
3,3'-Dichlorobenzidine	ND	0.20		mg/Kg-dry	1	8/10/2023
2,4-Dichlorophenol	ND	0.20		mg/Kg-dry	1	8/10/2023
Diethyl phthalate	ND	0.20		mg/Kg-dry	1	8/10/2023
Dimethyl phthalate	ND	0.20		mg/Kg-dry	1	8/10/2023
2,4-Dimethylphenol	ND	0.20		mg/Kg-dry	1	8/10/2023
Di-n-butyl phthalate	ND	0.20		mg/Kg-dry	1	8/10/2023
4,6-Dinitro-2-methylphenol	ND	0.39		mg/Kg-dry	1	8/10/2023
2,4-Dinitrophenol	ND	0.98		mg/Kg-dry	1	8/10/2023
2,4-Dinitrotoluene	ND	0.039		mg/Kg-dry	1	8/10/2023
2,6-Dinitrotoluene	ND	0.039		mg/Kg-dry	1	8/10/2023

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers:

J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

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R - RPD outside accepted recovery limits

HT - Sample received past holding time

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Date Reported: August 24, 2023

Date Printed: August 24, 2023

ANALYTICAL RESULTS

Client: GSG Consultants, Inc.

Client Sample ID: B-10-0708

Work Order: 23080255 Revision 1

Collection Date: 8/4/2023 12:50:00 PM

Project: 23-2038, CDOT Lincoln Square

Matrix: Soil

Lab ID: 23080255-005

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS		SW8270C (SW3550B)		Prep Date: 8/9/2023		Analyst: DM
Di-n-octyl phthalate	ND	0.20		mg/Kg-dry	1	8/10/2023
Fluoranthene	ND	0.039		mg/Kg-dry	1	8/10/2023
Fluorene	ND	0.039		mg/Kg-dry	1	8/10/2023
Hexachlorobenzene	ND	0.20		mg/Kg-dry	1	8/10/2023
Hexachlorobutadiene	ND	0.20		mg/Kg-dry	1	8/10/2023
Hexachlorocyclopentadiene	ND	0.20		mg/Kg-dry	1	8/10/2023
Hexachloroethane	ND	0.20		mg/Kg-dry	1	8/10/2023
Indeno(1,2,3-cd)pyrene	ND	0.039		mg/Kg-dry	1	8/10/2023
Isophorone	ND	0.20		mg/Kg-dry	1	8/10/2023
2-Methylnaphthalene	ND	0.20		mg/Kg-dry	1	8/10/2023
2-Methylphenol	ND	0.20		mg/Kg-dry	1	8/10/2023
4-Methylphenol	ND	0.20		mg/Kg-dry	1	8/10/2023
Naphthalene	ND	0.039		mg/Kg-dry	1	8/10/2023
2-Nitroaniline	ND	0.20		mg/Kg-dry	1	8/10/2023
3-Nitroaniline	ND	0.20		mg/Kg-dry	1	8/10/2023
4-Nitroaniline	ND	0.20		mg/Kg-dry	1	8/10/2023
Nitrobenzene	ND	0.039		mg/Kg-dry	1	8/10/2023
2-Nitrophenol	ND	0.20		mg/Kg-dry	1	8/10/2023
4-Nitrophenol	ND	0.39		mg/Kg-dry	1	8/10/2023
N-Nitrosodimethylamine	ND	0.20		mg/Kg-dry	1	8/10/2023
N-Nitrosodi-n-propylamine	ND	0.039		mg/Kg-dry	1	8/10/2023
N-Nitrosodiphenylamine	ND	0.039		mg/Kg-dry	1	8/10/2023
Pentachlorophenol	ND	0.039		mg/Kg-dry	1	8/10/2023
Phenanthrene	ND	0.039		mg/Kg-dry	1	8/10/2023
Phenol	ND	0.20		mg/Kg-dry	1	8/10/2023
Pyrene	ND	0.039		mg/Kg-dry	1	8/10/2023
Pyridine	ND	0.79		mg/Kg-dry	1	8/10/2023
1,2,4-Trichlorobenzene	ND	0.20		mg/Kg-dry	1	8/10/2023
2,4,5-Trichlorophenol	ND	0.20		mg/Kg-dry	1	8/10/2023
2,4,6-Trichlorophenol	ND	0.20		mg/Kg-dry	1	8/10/2023
PCBs		SW8082A (SW3550B)		Prep Date: 8/7/2023		Analyst: GVC
Aroclor 1016	ND	0.094		mg/Kg-dry	1	8/7/2023
Aroclor 1221	ND	0.094		mg/Kg-dry	1	8/7/2023
Aroclor 1232	ND	0.094		mg/Kg-dry	1	8/7/2023
Aroclor 1242	ND	0.094		mg/Kg-dry	1	8/7/2023
Aroclor 1248	ND	0.094		mg/Kg-dry	1	8/7/2023
Aroclor 1254	ND	0.094		mg/Kg-dry	1	8/7/2023
Aroclor 1260	ND	0.094		mg/Kg-dry	1	8/7/2023

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers: J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

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Date Reported: August 24, 2023

ANALYTICAL RESULTS

Date Printed: August 24, 2023

Client: GSG Consultants, Inc.

Client Sample ID: B-10-0708

Work Order: 23080255 Revision 1

Collection Date: 8/4/2023 12:50:00 PM

Project: 23-2038, CDOT Lincoln Square

Matrix: Soil

Lab ID: 23080255-005

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Pesticides	SW8081B (SW3550B)		Prep Date: 8/7/2023		Analyst: GVC	
4,4'-DDD	ND	0.0019		mg/Kg-dry	1	8/7/2023
4,4'-DDE	ND	0.0019		mg/Kg-dry	1	8/7/2023
4,4'-DDT	ND	0.0019		mg/Kg-dry	1	8/7/2023
Aldrin	ND	0.0019		mg/Kg-dry	1	8/7/2023
alpha-BHC	ND	0.0019		mg/Kg-dry	1	8/7/2023
alpha-Chlordane	ND	0.0019		mg/Kg-dry	1	8/7/2023
beta-BHC	ND	0.0019		mg/Kg-dry	1	8/7/2023
Chlordane	ND	0.019		mg/Kg-dry	1	8/7/2023
delta-BHC	ND	0.0019		mg/Kg-dry	1	8/7/2023
Dieldrin	ND	0.0019		mg/Kg-dry	1	8/7/2023
Endosulfan I	ND	0.0019		mg/Kg-dry	1	8/7/2023
Endosulfan II	ND	0.0019		mg/Kg-dry	1	8/7/2023
Endosulfan sulfate	ND	0.0019		mg/Kg-dry	1	8/7/2023
Endrin	ND	0.0019		mg/Kg-dry	1	8/7/2023
Endrin aldehyde	ND	0.0019		mg/Kg-dry	1	8/7/2023
Endrin ketone	ND	0.0019		mg/Kg-dry	1	8/7/2023
gamma-BHC	ND	0.0019		mg/Kg-dry	1	8/7/2023
gamma-Chlordane	ND	0.0019		mg/Kg-dry	1	8/7/2023
Heptachlor	ND	0.0019		mg/Kg-dry	1	8/7/2023
Heptachlor epoxide	ND	0.0019		mg/Kg-dry	1	8/7/2023
Methoxychlor	ND	0.0019		mg/Kg-dry	1	8/7/2023
Toxaphene	ND	0.039		mg/Kg-dry	1	8/7/2023
Metals by ICP/MS	SW6020A (SW3050B)		Prep Date: 8/7/2023		Analyst: MMR	
Aluminum	12000	22		mg/Kg-dry	10	8/7/2023
Antimony	ND	2.2		mg/Kg-dry	10	8/7/2023
Arsenic	10	1.1		mg/Kg-dry	10	8/7/2023
Barium	81	1.1		mg/Kg-dry	10	8/7/2023
Beryllium	0.76	0.54		mg/Kg-dry	10	8/7/2023
Cadmium	ND	0.54		mg/Kg-dry	10	8/7/2023
Calcium	55000	66		mg/Kg-dry	10	8/7/2023
Chromium	25	1.1		mg/Kg-dry	10	8/7/2023
Cobalt	23	1.1		mg/Kg-dry	10	8/7/2023
Copper	48	2.7		mg/Kg-dry	10	8/7/2023
Iron	31000	33		mg/Kg-dry	10	8/7/2023
Lead	32	0.54		mg/Kg-dry	10	8/7/2023
Magnesium	35000	33		mg/Kg-dry	10	8/7/2023
Manganese	610	1.1		mg/Kg-dry	10	8/7/2023
Nickel	54	1.1		mg/Kg-dry	10	8/7/2023

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers:

J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

* - Non-accredited parameter

H - Holding time exceeded

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Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: August 24, 2023

ANALYTICAL RESULTS

Date Printed: August 24, 2023

Client: GSG Consultants, Inc.

Client Sample ID: B-10-0708

Work Order: 23080255 Revision 1

Collection Date: 8/4/2023 12:50:00 PM

Project: 23-2038, CDOT Lincoln Square

Matrix: Soil

Lab ID: 23080255-005

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Metals by ICP/MS	SW6020A (SW3050B)			Prep Date: 8/7/2023		Analyst: MMR
Potassium	2400	33		mg/Kg-dry	10	8/7/2023
Selenium	ND	1.1		mg/Kg-dry	10	8/7/2023
Silver	ND	1.1	*	mg/Kg-dry	10	8/7/2023
Sodium	1300	66		mg/Kg-dry	10	8/7/2023
Thallium	1.9	1.1		mg/Kg-dry	10	8/7/2023
Vanadium	26	1.1		mg/Kg-dry	10	8/7/2023
Zinc	72	5.4		mg/Kg-dry	10	8/7/2023
SPLP Metals by ICP/MS	SW1312/6020A (SW3005A)			Prep Date: 8/23/2023		Analyst: MMR
Cobalt	ND	0.0040		mg/L	2	8/23/2023
Mercury	SW7471B			Prep Date: 8/7/2023		Analyst: SH
Mercury	0.027	0.022		mg/Kg-dry	1	8/7/2023
Cyanide, Total	SW9012A			Prep Date: 8/9/2023		Analyst: SJI
Cyanide	ND	0.59		mg/Kg-dry	1	8/9/2023
pH (25 °C)	SW9045C			Prep Date: 8/10/2023		Analyst: RW
pH	7.68			pH Units	1	8/10/2023
Percent Moisture	D2974			Prep Date: 8/9/2023		Analyst: JB2
Percent Moisture	15.2	0.2	*	wt%	1	8/10/2023

Qualifiers:
 ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 HT - Sample received past holding time
 * - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis
 S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range
 H - Holding time exceeded

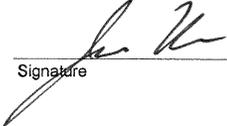
Sample Receipt Checklist

Client Name **GSG**

Date and Time Received: **8/4/2023 1:53:00 PM**

Work Order Number **23080255**

Received by: **JMH**

Checklist completed by:  **8-4-2023**
Signature Date

Reviewed by:  **8/7/2023**
Initials Date

Matrix: _____ Carrier name Client Delivered

- Shipping container/cooler in good condition? Yes No Not Present
- Custody seals intact on shipping container/cooler? Yes No Not Present
- Custody seals intact on sample bottles? Yes No Not Present
- Chain of custody present? Yes No
- Chain of custody signed when relinquished and received? Yes No
- Chain of custody agrees with sample labels/containers? Yes No
- Samples in proper container/bottle? Yes No
- Sample containers intact? Yes No
- Sufficient sample volume for indicated test? Yes No
- All samples received within holding time? Yes No
- Container or Temp Blank temperature in compliance? Yes No Temperature On Ice °C
- Water - VOA vials have zero headspace? No VOA vials submitted Yes No
- Water - Samples pH checked? Yes No Checked by: _____
- Water - Samples properly preserved? Yes No pH Adjusted? _____

Any No response must be detailed in the comments section below.

Comments: _____

Client / Person contacted: _____ Date contacted: _____ Contacted by: _____

Response: _____

RE: 23-2038, CDOT Lincoln Square STAT 23080255

Emily McGonigle <emcGonigle@gsg-consultants.com>

Wed 8/16/2023 9:10 AM

To: Justice Kwateng <jkwateng@TheSterlingLab.com>

Cc: Joseph Nichols <jnichols@gsg-consultants.com>

Justice,

Please only run the TCLP for Aluminum, Chromium, and Iron on sample B-07-0708. We do not need the TCLPs for sample B-10-0708, just the SPLP Cobalt.

Thanks,

Emily McGonigle, PE | Project Engineer**D:** 630.994.2604 | **C:** 847.636.8577

735 Remington Road, Schaumburg, IL 60173

www.gsg-consultants.com

From: Joseph Nichols <jnichols@gsg-consultants.com>**Sent:** Wednesday, August 16, 2023 9:02 AM**To:** Justice Kwateng <jkwateng@stataanalysis.com>**Cc:** Emily McGonigle <emcGonigle@gsg-consultants.com>**Subject:** FW: 23-2038, CDOT Lincoln Square STAT 23080255

Justice,

We would like to run TCLP for Aluminum, Chromium, and Iron on samples B-07-0708 and B-10-0708.

We would also like to run SPLP on Cobalt on sample B-10-0708.

Thank you.

Joe Nichols | Environmental ScientistDirect: [630.994.2620](tel:630.994.2620) Mobile: [810.347.8969](tel:810.347.8969)

GSG Consultants

From: Emily McGonigle <emcGonigle@gsg-consultants.com>**Sent:** Tuesday, August 15, 2023 12:42 PM**To:** Thaddeus Cagney <tcagney@gsg-consultants.com>; Joseph Nichols <jnichols@gsg-consultants.com>**Cc:** George Kougias <Georgek@gsg-consultants.com>**Subject:** Re: 23-2038, CDOT Lincoln Square STAT 23080255

Joe is working on it.

Thanks,

Emily McGonigle, PE | Project Engineer**D:** 630.994.2604 | **C:** 847.636.8577**GSG Consultants, Inc.**

735 Remington Road, Schaumburg, IL 60173

www.gsg-consultants.com

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August 15, 2023

GSG Consultants, Inc.
735 Remington Road
Schaumburg, IL 60173
Telephone: (630) 994-2600
Fax: (630) 994-2699

Analytical Report for STAT Work Order: 23080335 Revision 0

RE: 23-2038, Tylin Lincoln Square, Lincoln Square

Dear GSG Consultants, Inc.:

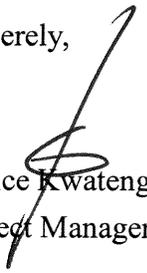
STAT Analysis received 2 samples for the referenced project on 8/7/2023 3:30:00 PM. The analytical results are presented in the following report.

All analyses were performed in accordance with the requirements of 35 IAC Part 186 / NELAP standards. Analyses were performed in accordance with methods as referenced on the analytical report. Those analytical results expressed on a dry weight basis are also noted on the analytical report.

All analyses were performed within established holding time criteria, and all Quality Control criteria met EPA or laboratory specifications except when noted in the Case Narrative or Analytical Report. If required, an estimate of uncertainty for the analyses can be provided. A listing of accredited methods/parameters can also be provided.

Thank you for the opportunity to serve you and I look forward to working with you in the future. If you have any questions regarding the enclosed materials, please contact me at (312) 733-0551.

Sincerely,



Justice Kwateng
Project Manager

The information contained in this report and any attachments is confidential information intended only for the use of the individual or entities named above. The results of this report relate only to the samples as received and tested. If you have received this report in error, please notify us immediately by phone. This report shall not be reproduced, except in its entirety, unless written approval has been obtained from the laboratory. This analytical report shall become property of the Customer upon payment in full. Otherwise, STAT will be under no obligation to support, defend or discuss the analytical report.

Client: GSG Consultants, Inc.
Project: 23-2038, Tylin Lincoln Square, Lincoln Square
Work Order: 23080335 Revision 0

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
23080335-001A	B-02-0405		8/7/2023 12:00:00 PM	8/7/2023
23080335-001B	B-02-0405		8/7/2023 12:00:00 PM	8/7/2023
23080335-002A	B-01-0607		8/7/2023 1:00:00 PM	8/7/2023
23080335-002B	B-01-0607		8/7/2023 1:00:00 PM	8/7/2023

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Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: August 15, 2023

ANALYTICAL RESULTS

Date Printed: August 15, 2023

Client: GSG Consultants, Inc.

Client Sample ID: B-02-0405

Work Order: 23080335 Revision 0

Collection Date: 8/7/2023 12:00:00 PM

Project: 23-2038, Tylin Lincoln Square, Lincoln Square

Matrix: Soil

Lab ID: 23080335-001

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS	SW5035/8260B		Prep Date: 8/8/2023		Analyst: ERP	
Acetone	ND	0.074		mg/Kg-dry	1	8/13/2023
Benzene	ND	0.0050		mg/Kg-dry	1	8/13/2023
Bromodichloromethane	ND	0.0050		mg/Kg-dry	1	8/13/2023
Bromoform	ND	0.0050		mg/Kg-dry	1	8/13/2023
Bromomethane	ND	0.0099		mg/Kg-dry	1	8/13/2023
2-Butanone	ND	0.074		mg/Kg-dry	1	8/13/2023
Carbon disulfide	ND	0.050		mg/Kg-dry	1	8/13/2023
Carbon tetrachloride	ND	0.0050		mg/Kg-dry	1	8/13/2023
Chlorobenzene	ND	0.0050		mg/Kg-dry	1	8/13/2023
Chloroethane	ND	0.0099		mg/Kg-dry	1	8/13/2023
Chloroform	ND	0.0050		mg/Kg-dry	1	8/13/2023
Chloromethane	ND	0.0099		mg/Kg-dry	1	8/13/2023
Dibromochloromethane	ND	0.0050		mg/Kg-dry	1	8/13/2023
1,1-Dichloroethane	ND	0.0050		mg/Kg-dry	1	8/13/2023
1,2-Dichloroethane	ND	0.0050		mg/Kg-dry	1	8/13/2023
1,1-Dichloroethene	ND	0.0050		mg/Kg-dry	1	8/13/2023
cis-1,2-Dichloroethene	ND	0.0050		mg/Kg-dry	1	8/13/2023
trans-1,2-Dichloroethene	ND	0.0050		mg/Kg-dry	1	8/13/2023
1,2-Dichloropropane	ND	0.0050		mg/Kg-dry	1	8/13/2023
cis-1,3-Dichloropropene	ND	0.0020		mg/Kg-dry	1	8/13/2023
trans-1,3-Dichloropropene	ND	0.0020		mg/Kg-dry	1	8/13/2023
Ethylbenzene	ND	0.0050		mg/Kg-dry	1	8/13/2023
2-Hexanone	ND	0.020		mg/Kg-dry	1	8/13/2023
4-Methyl-2-pentanone	ND	0.020		mg/Kg-dry	1	8/13/2023
Methylene chloride	ND	0.0099		mg/Kg-dry	1	8/13/2023
Methyl tert-butyl ether	ND	0.0050		mg/Kg-dry	1	8/13/2023
Styrene	ND	0.0050		mg/Kg-dry	1	8/13/2023
1,1,2,2-Tetrachloroethane	ND	0.0050		mg/Kg-dry	1	8/13/2023
Tetrachloroethene	ND	0.0050		mg/Kg-dry	1	8/13/2023
Toluene	ND	0.0050		mg/Kg-dry	1	8/13/2023
1,1,1-Trichloroethane	ND	0.0050		mg/Kg-dry	1	8/13/2023
1,1,2-Trichloroethane	ND	0.0050		mg/Kg-dry	1	8/13/2023
Trichloroethene	ND	0.0050		mg/Kg-dry	1	8/13/2023
Vinyl chloride	ND	0.0050		mg/Kg-dry	1	8/13/2023
Xylenes, Total	ND	0.015		mg/Kg-dry	1	8/13/2023
Semivolatile Organic Compounds by GC/MS	SW8270C (SW3550B)		Prep Date: 8/10/2023		Analyst: DM	
Acenaphthene	ND	0.039		mg/Kg-dry	1	8/11/2023
Acenaphthylene	ND	0.039		mg/Kg-dry	1	8/11/2023

Qualifiers:
 ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 HT - Sample received past holding time
 * - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis
 S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range
 H - Holding time exceeded

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Date Reported: August 15, 2023

ANALYTICAL RESULTS

Date Printed: August 15, 2023

Client: GSG Consultants, Inc.

Client Sample ID: B-02-0405

Work Order: 23080335 Revision 0

Collection Date: 8/7/2023 12:00:00 PM

Project: 23-2038, Tylin Lincoln Square, Lincoln Square

Matrix: Soil

Lab ID: 23080335-001

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS	SW8270C (SW3550B)					Prep Date: 8/10/2023 Analyst: DM
Aniline	ND	0.39		mg/Kg-dry	1	8/11/2023
Anthracene	ND	0.039		mg/Kg-dry	1	8/11/2023
Benz(a)anthracene	ND	0.039		mg/Kg-dry	1	8/11/2023
Benzidine	ND	0.39		mg/Kg-dry	1	8/11/2023
Benzo(a)pyrene	ND	0.039		mg/Kg-dry	1	8/11/2023
Benzo(b)fluoranthene	ND	0.039		mg/Kg-dry	1	8/11/2023
Benzo(g,h,i)perylene	ND	0.039		mg/Kg-dry	1	8/11/2023
Benzo(k)fluoranthene	ND	0.039		mg/Kg-dry	1	8/11/2023
Benzoic acid	ND	0.97		mg/Kg-dry	1	8/11/2023
Benzyl alcohol	ND	0.20		mg/Kg-dry	1	8/11/2023
Bis(2-chloroethoxy)methane	ND	0.20		mg/Kg-dry	1	8/11/2023
Bis(2-chloroethyl)ether	ND	0.20		mg/Kg-dry	1	8/11/2023
Bis(2-ethylhexyl)phthalate	ND	0.97		mg/Kg-dry	1	8/11/2023
4-Bromophenyl phenyl ether	ND	0.20		mg/Kg-dry	1	8/11/2023
Butyl benzyl phthalate	ND	0.20		mg/Kg-dry	1	8/11/2023
Carbazole	ND	0.20		mg/Kg-dry	1	8/11/2023
4-Chloroaniline	ND	0.20		mg/Kg-dry	1	8/11/2023
4-Chloro-3-methylphenol	ND	0.39		mg/Kg-dry	1	8/11/2023
2-Chloronaphthalene	ND	0.20		mg/Kg-dry	1	8/11/2023
2-Chlorophenol	ND	0.20		mg/Kg-dry	1	8/11/2023
4-Chlorophenyl phenyl ether	ND	0.20		mg/Kg-dry	1	8/11/2023
2, 2'-oxybis(1-Chloropropane)	ND	0.20		mg/Kg-dry	1	8/11/2023
Chrysene	ND	0.039		mg/Kg-dry	1	8/11/2023
Dibenz(a,h)anthracene	ND	0.039		mg/Kg-dry	1	8/11/2023
Dibenzofuran	ND	0.20		mg/Kg-dry	1	8/11/2023
1,2-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	8/11/2023
1,3-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	8/11/2023
1,4-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	8/11/2023
3,3'-Dichlorobenzidine	ND	0.20		mg/Kg-dry	1	8/11/2023
2,4-Dichlorophenol	ND	0.20		mg/Kg-dry	1	8/11/2023
Diethyl phthalate	ND	0.20		mg/Kg-dry	1	8/11/2023
Dimethyl phthalate	ND	0.20		mg/Kg-dry	1	8/11/2023
2,4-Dimethylphenol	ND	0.20		mg/Kg-dry	1	8/11/2023
Di-n-butyl phthalate	ND	0.20		mg/Kg-dry	1	8/11/2023
4,6-Dinitro-2-methylphenol	ND	0.39		mg/Kg-dry	1	8/11/2023
2,4-Dinitrophenol	ND	0.97		mg/Kg-dry	1	8/11/2023
2,4-Dinitrotoluene	ND	0.039		mg/Kg-dry	1	8/11/2023
2,6-Dinitrotoluene	ND	0.039		mg/Kg-dry	1	8/11/2023

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers: J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

* - Non-accredited parameter

H - Holding time exceeded

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Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: August 15, 2023

ANALYTICAL RESULTS

Date Printed: August 15, 2023

Client: GSG Consultants, Inc.

Client Sample ID: B-02-0405

Work Order: 23080335 Revision 0

Collection Date: 8/7/2023 12:00:00 PM

Project: 23-2038, Tylin Lincoln Square, Lincoln Square

Matrix: Soil

Lab ID: 23080335-001

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
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Semivolatile Organic Compounds by GC/MS	SW8270C (SW3550B)	Prep Date: 8/10/2023			Analyst: DM
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Di-n-octyl phthalate	ND	0.20		mg/Kg-dry	1	8/11/2023
Fluoranthene	0.057	0.039		mg/Kg-dry	1	8/11/2023
Fluorene	ND	0.039		mg/Kg-dry	1	8/11/2023
Hexachlorobenzene	ND	0.20		mg/Kg-dry	1	8/11/2023
Hexachlorobutadiene	ND	0.20		mg/Kg-dry	1	8/11/2023
Hexachlorocyclopentadiene	ND	0.20		mg/Kg-dry	1	8/11/2023
Hexachloroethane	ND	0.20		mg/Kg-dry	1	8/11/2023
Indeno(1,2,3-cd)pyrene	ND	0.039		mg/Kg-dry	1	8/11/2023
Isophorone	ND	0.20		mg/Kg-dry	1	8/11/2023
2-Methylnaphthalene	ND	0.20		mg/Kg-dry	1	8/11/2023
2-Methylphenol	ND	0.20		mg/Kg-dry	1	8/11/2023
4-Methylphenol	ND	0.20		mg/Kg-dry	1	8/11/2023
Naphthalene	ND	0.039		mg/Kg-dry	1	8/11/2023
2-Nitroaniline	ND	0.20		mg/Kg-dry	1	8/11/2023
3-Nitroaniline	ND	0.20		mg/Kg-dry	1	8/11/2023
4-Nitroaniline	ND	0.20		mg/Kg-dry	1	8/11/2023
Nitrobenzene	ND	0.039		mg/Kg-dry	1	8/11/2023
2-Nitrophenol	ND	0.20		mg/Kg-dry	1	8/11/2023
4-Nitrophenol	ND	0.39		mg/Kg-dry	1	8/11/2023
N-Nitrosodimethylamine	ND	0.20		mg/Kg-dry	1	8/11/2023
N-Nitrosodi-n-propylamine	ND	0.039		mg/Kg-dry	1	8/11/2023
N-Nitrosodiphenylamine	ND	0.039		mg/Kg-dry	1	8/11/2023
Pentachlorophenol	ND	0.039		mg/Kg-dry	1	8/11/2023
Phenanthrene	ND	0.039		mg/Kg-dry	1	8/11/2023
Phenol	ND	0.20		mg/Kg-dry	1	8/11/2023
Pyrene	0.050	0.039		mg/Kg-dry	1	8/11/2023
Pyridine	ND	0.79		mg/Kg-dry	1	8/11/2023
1,2,4-Trichlorobenzene	ND	0.20		mg/Kg-dry	1	8/11/2023
2,4,5-Trichlorophenol	ND	0.20		mg/Kg-dry	1	8/11/2023
2,4,6-Trichlorophenol	ND	0.20		mg/Kg-dry	1	8/11/2023

PCBs	SW8082A (SW3550B)	Prep Date: 8/8/2023			Analyst: GVC
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Aroclor 1016	ND	0.094		mg/Kg-dry	1	8/9/2023
Aroclor 1221	ND	0.094		mg/Kg-dry	1	8/9/2023
Aroclor 1232	ND	0.094		mg/Kg-dry	1	8/9/2023
Aroclor 1242	ND	0.094		mg/Kg-dry	1	8/9/2023
Aroclor 1248	ND	0.094		mg/Kg-dry	1	8/9/2023
Aroclor 1254	ND	0.094		mg/Kg-dry	1	8/9/2023
Aroclor 1260	ND	0.094		mg/Kg-dry	1	8/9/2023

Qualifiers:
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STAT Analysis Corporation

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Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: August 15, 2023

ANALYTICAL RESULTS

Date Printed: August 15, 2023

Client: GSG Consultants, Inc.

Client Sample ID: B-02-0405

Work Order: 23080335 Revision 0

Collection Date: 8/7/2023 12:00:00 PM

Project: 23-2038, Tylin Lincoln Square, Lincoln Square

Matrix: Soil

Lab ID: 23080335-001

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Pesticides	SW8081B (SW3550B)		Prep Date: 8/8/2023		Analyst: GVC	
4,4'-DDD	ND	0.0019		mg/Kg-dry	1	8/9/2023
4,4'-DDE	ND	0.0019		mg/Kg-dry	1	8/9/2023
4,4'-DDT	ND	0.0019		mg/Kg-dry	1	8/9/2023
Aldrin	ND	0.0019		mg/Kg-dry	1	8/9/2023
alpha-BHC	ND	0.0019		mg/Kg-dry	1	8/9/2023
alpha-Chlordane	ND	0.0019		mg/Kg-dry	1	8/9/2023
beta-BHC	ND	0.0019		mg/Kg-dry	1	8/9/2023
Chlordane	ND	0.019		mg/Kg-dry	1	8/9/2023
delta-BHC	ND	0.0019		mg/Kg-dry	1	8/9/2023
Dieldrin	ND	0.0019		mg/Kg-dry	1	8/9/2023
Endosulfan I	ND	0.0019		mg/Kg-dry	1	8/9/2023
Endosulfan II	ND	0.0019		mg/Kg-dry	1	8/9/2023
Endosulfan sulfate	ND	0.0019		mg/Kg-dry	1	8/9/2023
Endrin	ND	0.0019		mg/Kg-dry	1	8/9/2023
Endrin aldehyde	ND	0.0019		mg/Kg-dry	1	8/9/2023
Endrin ketone	ND	0.0019		mg/Kg-dry	1	8/9/2023
gamma-BHC	ND	0.0019		mg/Kg-dry	1	8/9/2023
gamma-Chlordane	ND	0.0019		mg/Kg-dry	1	8/9/2023
Heptachlor	ND	0.0019		mg/Kg-dry	1	8/9/2023
Heptachlor epoxide	ND	0.0019		mg/Kg-dry	1	8/9/2023
Methoxychlor	ND	0.0019		mg/Kg-dry	1	8/9/2023
Toxaphene	ND	0.039		mg/Kg-dry	1	8/9/2023
Metals by ICP/MS	SW6020A (SW3050B)		Prep Date: 8/9/2023		Analyst: MMR	
Aluminum	3200	23		mg/Kg-dry	10	8/9/2023
Antimony	ND	2.3		mg/Kg-dry	10	8/9/2023
Arsenic	7.3	1.1		mg/Kg-dry	10	8/9/2023
Barium	23	1.1		mg/Kg-dry	10	8/9/2023
Beryllium	ND	0.56		mg/Kg-dry	10	8/9/2023
Cadmium	ND	0.56		mg/Kg-dry	10	8/9/2023
Calcium	70000	66		mg/Kg-dry	10	8/9/2023
Chromium	9.1	1.1		mg/Kg-dry	10	8/9/2023
Cobalt	6.0	1.1		mg/Kg-dry	10	8/9/2023
Copper	7.7	2.7		mg/Kg-dry	10	8/9/2023
Iron	13000	33		mg/Kg-dry	10	8/9/2023
Lead	13	0.56		mg/Kg-dry	10	8/9/2023
Magnesium	34000	33		mg/Kg-dry	10	8/9/2023
Manganese	340	1.1		mg/Kg-dry	10	8/9/2023
Nickel	10	1.1		mg/Kg-dry	10	8/9/2023

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers: J - Analyte detected below quantitation limits

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Date Reported: August 15, 2023

ANALYTICAL RESULTS

Date Printed: August 15, 2023

Client: GSG Consultants, Inc.

Client Sample ID: B-02-0405

Work Order: 23080335 Revision 0

Collection Date: 8/7/2023 12:00:00 PM

Project: 23-2038, Tylin Lincoln Square, Lincoln Square

Matrix: Soil

Lab ID: 23080335-001

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Metals by ICP/MS	SW6020A (SW3050B)			Prep Date: 8/9/2023		Analyst: MMR
Potassium	620	33		mg/Kg-dry	10	8/9/2023
Selenium	ND	1.1		mg/Kg-dry	10	8/9/2023
Silver	ND	1.1	*	mg/Kg-dry	10	8/9/2023
Sodium	1100	130		mg/Kg-dry	10	8/9/2023
Thallium	ND	1.1		mg/Kg-dry	10	8/9/2023
Vanadium	19	1.1		mg/Kg-dry	10	8/9/2023
Zinc	31	5.6		mg/Kg-dry	10	8/9/2023
Mercury	SW7471B			Prep Date: 8/8/2023		Analyst: SH
Mercury	ND	0.019		mg/Kg-dry	1	8/8/2023
Cyanide, Total	SW9012A			Prep Date: 8/11/2023		Analyst: SJI
Cyanide	ND	0.59		mg/Kg-dry	1	8/11/2023
pH (25 °C)	SW9045C			Prep Date: 8/11/2023		Analyst: RW
pH	9.55			pH Units	1	8/11/2023
Percent Moisture	D2974			Prep Date: 8/10/2023		Analyst: RW
Percent Moisture	15.6	0.2	*	wt%	1	8/11/2023

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Date Reported: August 15, 2023

Date Printed: August 15, 2023

ANALYTICAL RESULTS

Client: GSG Consultants, Inc.

Client Sample ID: B-01-0607

Work Order: 23080335 Revision 0

Collection Date: 8/7/2023 1:00:00 PM

Project: 23-2038, Tylin Lincoln Square, Lincoln Square

Matrix: Soil

Lab ID: 23080335-002

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS	SW5035/8260B		Prep Date: 8/8/2023		Analyst: ERP	
Acetone	ND	0.080		mg/Kg-dry	1	8/13/2023
Benzene	ND	0.0054		mg/Kg-dry	1	8/13/2023
Bromodichloromethane	ND	0.0054		mg/Kg-dry	1	8/13/2023
Bromoform	ND	0.0054		mg/Kg-dry	1	8/13/2023
Bromomethane	ND	0.011		mg/Kg-dry	1	8/13/2023
2-Butanone	ND	0.080		mg/Kg-dry	1	8/13/2023
Carbon disulfide	ND	0.054		mg/Kg-dry	1	8/13/2023
Carbon tetrachloride	ND	0.0054		mg/Kg-dry	1	8/13/2023
Chlorobenzene	ND	0.0054		mg/Kg-dry	1	8/13/2023
Chloroethane	ND	0.011		mg/Kg-dry	1	8/13/2023
Chloroform	ND	0.0054		mg/Kg-dry	1	8/13/2023
Chloromethane	ND	0.011		mg/Kg-dry	1	8/13/2023
Dibromochloromethane	ND	0.0054		mg/Kg-dry	1	8/13/2023
1,1-Dichloroethane	ND	0.0054		mg/Kg-dry	1	8/13/2023
1,2-Dichloroethane	ND	0.0054		mg/Kg-dry	1	8/13/2023
1,1-Dichloroethene	ND	0.0054		mg/Kg-dry	1	8/13/2023
cis-1,2-Dichloroethene	ND	0.0054		mg/Kg-dry	1	8/13/2023
trans-1,2-Dichloroethene	ND	0.0054		mg/Kg-dry	1	8/13/2023
1,2-Dichloropropane	ND	0.0054		mg/Kg-dry	1	8/13/2023
cis-1,3-Dichloropropene	ND	0.0021		mg/Kg-dry	1	8/13/2023
trans-1,3-Dichloropropene	ND	0.0021		mg/Kg-dry	1	8/13/2023
Ethylbenzene	ND	0.0054		mg/Kg-dry	1	8/13/2023
2-Hexanone	ND	0.021		mg/Kg-dry	1	8/13/2023
4-Methyl-2-pentanone	ND	0.021		mg/Kg-dry	1	8/13/2023
Methylene chloride	ND	0.011		mg/Kg-dry	1	8/13/2023
Methyl tert-butyl ether	ND	0.0054		mg/Kg-dry	1	8/13/2023
Styrene	ND	0.0054		mg/Kg-dry	1	8/13/2023
1,1,2,2-Tetrachloroethane	ND	0.0054		mg/Kg-dry	1	8/13/2023
Tetrachloroethene	ND	0.0054		mg/Kg-dry	1	8/13/2023
Toluene	ND	0.0054		mg/Kg-dry	1	8/13/2023
1,1,1-Trichloroethane	ND	0.0054		mg/Kg-dry	1	8/13/2023
1,1,2-Trichloroethane	ND	0.0054		mg/Kg-dry	1	8/13/2023
Trichloroethene	ND	0.0054		mg/Kg-dry	1	8/13/2023
Vinyl chloride	ND	0.0054		mg/Kg-dry	1	8/13/2023
Xylenes, Total	ND	0.016		mg/Kg-dry	1	8/13/2023
Semivolatile Organic Compounds by GC/MS	SW8270C (SW3550B)		Prep Date: 8/10/2023		Analyst: DM	
Acenaphthene	3.2	0.41		mg/Kg-dry	1	8/11/2023
Acenaphthylene	1.4	0.41		mg/Kg-dry	1	8/11/2023

Qualifiers:
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Date Reported: August 15, 2023

ANALYTICAL RESULTS

Date Printed: August 15, 2023

Client: GSG Consultants, Inc.

Client Sample ID: B-01-0607

Work Order: 23080335 Revision 0

Collection Date: 8/7/2023 1:00:00 PM

Project: 23-2038, Tylin Lincoln Square, Lincoln Square

Matrix: Soil

Lab ID: 23080335-002

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS	SW8270C (SW3550B)			Prep Date: 8/10/2023		Analyst: DM
Aniline	ND	4.2		mg/Kg-dry	1	8/11/2023
Anthracene	10	0.41		mg/Kg-dry	1	8/11/2023
Benz(a)anthracene	27	0.41		mg/Kg-dry	1	8/11/2023
Benzidine	ND	4.1		mg/Kg-dry	1	8/11/2023
Benzo(a)pyrene	24	0.41		mg/Kg-dry	1	8/11/2023
Benzo(b)fluoranthene	22	0.41		mg/Kg-dry	1	8/11/2023
Benzo(g,h,i)perylene	12	0.41		mg/Kg-dry	1	8/11/2023
Benzo(k)fluoranthene	18	0.41		mg/Kg-dry	1	8/11/2023
Benzoic acid	ND	10		mg/Kg-dry	1	8/11/2023
Benzyl alcohol	ND	2.1		mg/Kg-dry	1	8/11/2023
Bis(2-chloroethoxy)methane	ND	2.1		mg/Kg-dry	1	8/11/2023
Bis(2-chloroethyl)ether	ND	2.1		mg/Kg-dry	1	8/11/2023
Bis(2-ethylhexyl)phthalate	ND	10		mg/Kg-dry	1	8/11/2023
4-Bromophenyl phenyl ether	ND	2.1		mg/Kg-dry	1	8/11/2023
Butyl benzyl phthalate	410	21		mg/Kg-dry	10	8/14/2023
Carbazole	4.6	2.1		mg/Kg-dry	1	8/11/2023
4-Chloroaniline	ND	2.1		mg/Kg-dry	1	8/11/2023
4-Chloro-3-methylphenol	ND	4.1		mg/Kg-dry	1	8/11/2023
2-Chloronaphthalene	ND	2.1		mg/Kg-dry	1	8/11/2023
2-Chlorophenol	ND	2.1		mg/Kg-dry	1	8/11/2023
4-Chlorophenyl phenyl ether	ND	2.1		mg/Kg-dry	1	8/11/2023
2, 2'-oxybis(1-Chloropropane)	ND	2.1		mg/Kg-dry	1	8/11/2023
Chrysene	29	0.41		mg/Kg-dry	1	8/11/2023
Dibenz(a,h)anthracene	6.4	0.41		mg/Kg-dry	1	8/11/2023
Dibenzofuran	2.6	2.1		mg/Kg-dry	1	8/11/2023
1,2-Dichlorobenzene	ND	2.1		mg/Kg-dry	1	8/11/2023
1,3-Dichlorobenzene	ND	2.1		mg/Kg-dry	1	8/11/2023
1,4-Dichlorobenzene	ND	2.1		mg/Kg-dry	1	8/11/2023
3,3'-Dichlorobenzidine	ND	2.1		mg/Kg-dry	1	8/11/2023
2,4-Dichlorophenol	ND	2.1		mg/Kg-dry	1	8/11/2023
Diethyl phthalate	ND	2.1		mg/Kg-dry	1	8/11/2023
Dimethyl phthalate	ND	2.1		mg/Kg-dry	1	8/11/2023
2,4-Dimethylphenol	ND	2.1		mg/Kg-dry	1	8/11/2023
Di-n-butyl phthalate	ND	2.1		mg/Kg-dry	1	8/11/2023
4,6-Dinitro-2-methylphenol	ND	4.1		mg/Kg-dry	1	8/11/2023
2,4-Dinitrophenol	ND	10		mg/Kg-dry	1	8/11/2023
2,4-Dinitrotoluene	ND	0.41		mg/Kg-dry	1	8/11/2023
2,6-Dinitrotoluene	ND	0.41		mg/Kg-dry	1	8/11/2023

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers:

J - Analyte detected below quantitation limits

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Date Reported: August 15, 2023

ANALYTICAL RESULTS

Date Printed: August 15, 2023

Client: GSG Consultants, Inc.

Client Sample ID: B-01-0607

Work Order: 23080335 Revision 0

Collection Date: 8/7/2023 1:00:00 PM

Project: 23-2038, Tylin Lincoln Square, Lincoln Square

Matrix: Soil

Lab ID: 23080335-002

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS		SW8270C (SW3550B)		Prep Date: 8/10/2023		Analyst: DM
Di-n-octyl phthalate	ND	2.1		mg/Kg-dry	1	8/11/2023
Fluoranthene	67	4.1		mg/Kg-dry	10	8/14/2023
Fluorene	4.8	0.41		mg/Kg-dry	1	8/11/2023
Hexachlorobenzene	ND	2.1		mg/Kg-dry	1	8/11/2023
Hexachlorobutadiene	ND	2.1		mg/Kg-dry	1	8/11/2023
Hexachlorocyclopentadiene	ND	2.1		mg/Kg-dry	1	8/11/2023
Hexachloroethane	ND	2.1		mg/Kg-dry	1	8/11/2023
Indeno(1,2,3-cd)pyrene	11	0.41		mg/Kg-dry	1	8/11/2023
Isophorone	ND	2.1		mg/Kg-dry	1	8/11/2023
2-Methylnaphthalene	ND	2.1		mg/Kg-dry	1	8/11/2023
2-Methylphenol	ND	2.1		mg/Kg-dry	1	8/11/2023
4-Methylphenol	ND	2.1		mg/Kg-dry	1	8/11/2023
Naphthalene	2.9	0.41		mg/Kg-dry	1	8/11/2023
2-Nitroaniline	ND	2.1		mg/Kg-dry	1	8/11/2023
3-Nitroaniline	ND	2.1		mg/Kg-dry	1	8/11/2023
4-Nitroaniline	ND	2.1		mg/Kg-dry	1	8/11/2023
Nitrobenzene	ND	0.41		mg/Kg-dry	1	8/11/2023
2-Nitrophenol	ND	2.1		mg/Kg-dry	1	8/11/2023
4-Nitrophenol	ND	4.1		mg/Kg-dry	1	8/11/2023
N-Nitrosodimethylamine	ND	2.1		mg/Kg-dry	1	8/11/2023
N-Nitrosodi-n-propylamine	ND	0.41		mg/Kg-dry	1	8/11/2023
N-Nitrosodiphenylamine	ND	0.41		mg/Kg-dry	1	8/11/2023
Pentachlorophenol	ND	0.41		mg/Kg-dry	1	8/11/2023
Phenanthrene	41	0.41		mg/Kg-dry	1	8/11/2023
Phenol	ND	2.1		mg/Kg-dry	1	8/11/2023
Pyrene	44	0.41		mg/Kg-dry	1	8/11/2023
Pyridine	ND	8.4		mg/Kg-dry	1	8/11/2023
1,2,4-Trichlorobenzene	ND	2.1		mg/Kg-dry	1	8/11/2023
2,4,5-Trichlorophenol	ND	2.1		mg/Kg-dry	1	8/11/2023
2,4,6-Trichlorophenol	ND	2.1		mg/Kg-dry	1	8/11/2023
PCBs		SW8082A (SW3550B)		Prep Date: 8/8/2023		Analyst: GVC
Aroclor 1016	ND	0.10		mg/Kg-dry	1	8/9/2023
Aroclor 1221	ND	0.10		mg/Kg-dry	1	8/9/2023
Aroclor 1232	ND	0.10		mg/Kg-dry	1	8/9/2023
Aroclor 1242	ND	0.10		mg/Kg-dry	1	8/9/2023
Aroclor 1248	ND	0.10		mg/Kg-dry	1	8/9/2023
Aroclor 1254	ND	0.10		mg/Kg-dry	1	8/9/2023
Aroclor 1260	ND	0.10		mg/Kg-dry	1	8/9/2023

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers: J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

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Client Sample ID: B-01-0607

Work Order: 23080335 Revision 0

Collection Date: 8/7/2023 1:00:00 PM

Project: 23-2038, Tylin Lincoln Square, Lincoln Square

Matrix: Soil

Lab ID: 23080335-002

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Pesticides	SW8081B (SW3550B)		Prep Date: 8/8/2023		Analyst: GVC	
4,4'-DDD	ND	0.0020		mg/Kg-dry	1	8/9/2023
4,4'-DDE	ND	0.0020		mg/Kg-dry	1	8/9/2023
4,4'-DDT	ND	0.0020		mg/Kg-dry	1	8/9/2023
Aldrin	ND	0.0020		mg/Kg-dry	1	8/9/2023
alpha-BHC	ND	0.0020		mg/Kg-dry	1	8/9/2023
alpha-Chlordane	ND	0.0020		mg/Kg-dry	1	8/9/2023
beta-BHC	ND	0.0020		mg/Kg-dry	1	8/9/2023
Chlordane	ND	0.020		mg/Kg-dry	1	8/9/2023
delta-BHC	ND	0.0020		mg/Kg-dry	1	8/9/2023
Dieldrin	ND	0.0020		mg/Kg-dry	1	8/9/2023
Endosulfan I	ND	0.0020		mg/Kg-dry	1	8/9/2023
Endosulfan II	ND	0.0020		mg/Kg-dry	1	8/9/2023
Endosulfan sulfate	ND	0.0020		mg/Kg-dry	1	8/9/2023
Endrin	ND	0.0020		mg/Kg-dry	1	8/9/2023
Endrin aldehyde	ND	0.0020		mg/Kg-dry	1	8/9/2023
Endrin ketone	ND	0.0020		mg/Kg-dry	1	8/9/2023
gamma-BHC	ND	0.0020		mg/Kg-dry	1	8/9/2023
gamma-Chlordane	ND	0.0020		mg/Kg-dry	1	8/9/2023
Heptachlor	ND	0.0020		mg/Kg-dry	1	8/9/2023
Heptachlor epoxide	ND	0.0020		mg/Kg-dry	1	8/9/2023
Methoxychlor	ND	0.0020		mg/Kg-dry	1	8/9/2023
Toxaphene	ND	0.041		mg/Kg-dry	1	8/9/2023
Metals by ICP/MS	SW6020A (SW3050B)		Prep Date: 8/9/2023		Analyst: MMR	
Aluminum	14000	23		mg/Kg-dry	10	8/9/2023
Antimony	ND	2.3		mg/Kg-dry	10	8/9/2023
Arsenic	12	1.1		mg/Kg-dry	10	8/9/2023
Barium	160	1.1		mg/Kg-dry	10	8/9/2023
Beryllium	0.87	0.56		mg/Kg-dry	10	8/9/2023
Cadmium	ND	0.56		mg/Kg-dry	10	8/9/2023
Calcium	70000	68		mg/Kg-dry	10	8/9/2023
Chromium	30	1.1		mg/Kg-dry	10	8/9/2023
Cobalt	19	1.1		mg/Kg-dry	10	8/9/2023
Copper	37	2.8		mg/Kg-dry	10	8/9/2023
Iron	32000	35		mg/Kg-dry	10	8/9/2023
Lead	210	0.56		mg/Kg-dry	10	8/9/2023
Magnesium	33000	35		mg/Kg-dry	10	8/9/2023
Manganese	560	1.1		mg/Kg-dry	10	8/9/2023
Nickel	46	1.1		mg/Kg-dry	10	8/9/2023

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers: J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

* - Non-accredited parameter

H - Holding time exceeded

STAT Analysis Corporation

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: August 15, 2023

ANALYTICAL RESULTS

Date Printed: August 15, 2023

Client: GSG Consultants, Inc.

Client Sample ID: B-01-0607

Work Order: 23080335 Revision 0

Collection Date: 8/7/2023 1:00:00 PM

Project: 23-2038, Tylin Lincoln Square, Lincoln Square

Matrix: Soil

Lab ID: 23080335-002

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Metals by ICP/MS	SW6020A (SW3050B)			Prep Date: 8/9/2023		Analyst: MMR
Potassium	3800	35		mg/Kg-dry	10	8/9/2023
Selenium	ND	1.1		mg/Kg-dry	10	8/9/2023
Silver	ND	1.1	*	mg/Kg-dry	10	8/9/2023
Sodium	1300	140		mg/Kg-dry	10	8/9/2023
Thallium	ND	1.1		mg/Kg-dry	10	8/9/2023
Vanadium	31	1.1		mg/Kg-dry	10	8/9/2023
Zinc	210	5.6		mg/Kg-dry	10	8/9/2023
Mercury	SW7471B			Prep Date: 8/8/2023		Analyst: SH
Mercury	0.054	0.022		mg/Kg-dry	1	8/8/2023
Cyanide, Total	SW9012A			Prep Date: 8/11/2023		Analyst: SJI
Cyanide	ND	0.64		mg/Kg-dry	1	8/11/2023
pH (25 °C)	SW9045C			Prep Date: 8/11/2023		Analyst: RW
pH	8.15			pH Units	1	8/11/2023
Percent Moisture	D2974			Prep Date: 8/10/2023		Analyst: RW
Percent Moisture	22.0	0.2	*	wt%	1	8/11/2023

Qualifiers:
 ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 HT - Sample received past holding time
 * - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis
 S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range
 H - Holding time exceeded

Sample Receipt Checklist

Client Name GSG

Date and Time Received: 8/7/2023 3:30:00 PM

Work Order Number 23080335

Received by: JMH

Checklist completed by: *JM* 8-7-2023
Signature Date

Reviewed by: *JOK* 8/9/2023
Initials Date

Matrix: Carrier name Client Delivered

- Shipping container/cooler in good condition? Yes No Not Present
- Custody seals intact on shipping container/cooler? Yes No Not Present
- Custody seals intact on sample bottles? Yes No Not Present
- Chain of custody present? Yes No
- Chain of custody signed when relinquished and received? Yes No
- Chain of custody agrees with sample labels/containers? Yes No
- Samples in proper container/bottle? Yes No
- Sample containers intact? Yes No
- Sufficient sample volume for indicated test? Yes No
- All samples received within holding time? Yes No
- Container or Temp Blank temperature in compliance? Yes No Temperature On Ice °C
- Water - VOA vials have zero headspace? No VOA vials submitted Yes No
- Water - Samples pH checked? Yes No Checked by: _____
- Water - Samples properly preserved? Yes No pH Adjusted? _____

Any No response must be detailed in the comments section below.

Comments: _____

Client / Person contacted: _____ Date contacted: _____ Contacted by: _____

Response: _____



2242 West Harrison St., Suite 200, Chicago, IL 60612-3766
Tel: (312) 733-0551 Fax: (312) 733-2386 Info@TheSterlingLab.com

September 13, 2023

GSG Consultants, Inc.
735 Remington Road
Schaumburg, IL 60173
Telephone: (630) 994-2600
Fax: (630) 994-2699

Analytical Report for Work Order: 23090215 Revision 0

RE: Lincoln Square Brown Line

Dear GSG Consultants, Inc.:

Sterling Labs received 5 samples for the referenced project on 9/8/2023 2:00:00 PM. The analytical results are presented in the following report.

All analyses were performed in accordance with the requirements of 35 IAC Part 186 / NELAP standards. Analyses were performed in accordance with methods as referenced on the analytical report. Those analytical results expressed on a dry weight basis are also noted on the analytical report.

All analyses were performed within established holding time criteria, and all Quality Control criteria met EPA or laboratory specifications except when noted in the Case Narrative or Analytical Report. If required, an estimate of uncertainty for the analyses can be provided. A listing of accredited methods/parameters can also be provided.

Thank you for the opportunity to serve you and I look forward to working with you in the future. If you have any questions regarding the enclosed materials, please contact me at (312) 733-0551.

Sincerely,

A handwritten signature in black ink, appearing to read "Justice Kwateng", written in a cursive style.

Justice Kwateng
Project Manager

The information contained in this report and any attachments is confidential information intended only for the use of the individual or entities named above. The results of this report relate only to the samples as received and tested. Sterling labs is not responsible for customer provided information found in the report that is used to calculate final results. If you have received this report in error, please notify us immediately by phone. This report shall not be reproduced, except in its entirety, unless written approval has been obtained from the laboratory. This analytical report shall become property of the Customer upon payment in full. Otherwise, Sterling Labs will be under no obligation to support, defend or discuss the analytical report.



Date: September 13, 2023

Customer: GSG Consultants, Inc.
Project: Lincoln Square Brown Line
Work Order: 23090215 Revision 0

Work Order Sample Summary

Lab Sample ID	Customer Sample ID	Tag Number	Collection Date	Date Received
23090215-001A	B-1-1		9/8/2023 10:05:00 AM	9/8/2023
23090215-002A	B-2-1		9/8/2023 10:10:00 AM	9/8/2023
23090215-003A	B-3-1		9/8/2023 10:15:00 AM	9/8/2023
23090215-004A	B-8-1		9/8/2023 10:20:00 AM	9/8/2023
23090215-005A	B-9-1		9/8/2023 10:25:00 AM	9/8/2023



Date: September 13, 2023

Customer: GSG Consultants, Inc.
Project: Lincoln Square Brown Line
Work Order: 23090215 Revision 0

Case Narrative

The metals MS/MSD prepared from sample B-3-1 (23090215-003) had Lead recovery outside control limits (133%/136% (MS/MSD) recovery, QC limits 75-125%). The RPD between the MS and MSD was within control limits.

QC - Quality Control

MB - Method Blank

LCS(D) - Lab Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

RPD - Relative Percent Difference

VOC - Volatile Organic Compound

SVOC - Semi-Volatile Organic Compound

PNA/PAH - Polynuclear Aromatic Hydrocarbon

PCB - Polychlorinated Biphenyls



Date Reported: September 13, 2023

Analytical Results

Date Printed: September 13, 2023

Customer: GSG Consultants, Inc.
Work Order: 23090215 Revision 0
Project: Lincoln Square Brown Line
Lab ID: 23090215-001

Customer Sample ID: B-1-1
Collection Date: 9/8/2023 10:05:00 AM
Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
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Polynuclear Aromatic Hydrocarbons by GC/MS SW8270C (SW3550B)				Prep Date: 9/12/2023	Analyst: TEM	
IEPA ELAP 100445						
Acenaphthene	0.10	0.038		mg/Kg-dry	1	9/12/2023
Acenaphthylene	0.058	0.038		mg/Kg-dry	1	9/12/2023
Anthracene	1.5	0.038		mg/Kg-dry	1	9/12/2023
Benz(a)anthracene	1.3	0.038		mg/Kg-dry	1	9/12/2023
Benzo(a)pyrene	1.4	0.038		mg/Kg-dry	1	9/12/2023
Benzo(b)fluoranthene	1.3	0.038		mg/Kg-dry	1	9/12/2023
Benzo(g,h,i)perylene	0.72	0.038		mg/Kg-dry	1	9/12/2023
Benzo(k)fluoranthene	1.4	0.038		mg/Kg-dry	1	9/12/2023
Chrysene	1.4	0.038		mg/Kg-dry	1	9/12/2023
Dibenz(a,h)anthracene	0.15	0.038		mg/Kg-dry	1	9/12/2023
Fluoranthene	3.0	0.038		mg/Kg-dry	1	9/12/2023
Fluorene	0.12	0.038		mg/Kg-dry	1	9/12/2023
Indeno(1,2,3-cd)pyrene	0.66	0.038		mg/Kg-dry	1	9/12/2023
Naphthalene	0.085	0.038		mg/Kg-dry	1	9/12/2023
Phenanthrene	1.5	0.038		mg/Kg-dry	1	9/12/2023
Pyrene	2.3	0.038		mg/Kg-dry	1	9/12/2023

Percent Moisture		D2974		Prep Date: 9/11/2023	Analyst: RW	
Percent Moisture	15.4	0.2	*	wt%	1	9/11/2023

Qualifiers:

ND - Not Detected at the Reporting Limit	RL - Reporting / Quantitation Limit for the analysis
J - Analyte detected below quantitation limits	S - Spike Recovery outside accepted recovery limits
B - Analyte detected in the associated Method Blank	R - RPD outside accepted recovery limits
HT - Sample received past holding time	E - Value above quantitation range
* - Non-accredited parameter	H - Holding time exceeded



Date Reported: September 13, 2023

Analytical Results

Date Printed: September 13, 2023

Customer: GSG Consultants, Inc.
Work Order: 23090215 Revision 0
Project: Lincoln Square Brown Line
Lab ID: 23090215-002

Customer Sample ID: B-2-1
Collection Date: 9/8/2023 10:10:00 AM
Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
pH (25 °C)	SW9045C				Prep Date: 9/11/2023	Analyst: LJ1
<i>IEPA ELAP 100445</i>						
pH	9.58			pH Units	1	9/11/2023

Qualifiers:

ND - Not Detected at the Reporting Limit	RL - Reporting / Quantitation Limit for the analysis
J - Analyte detected below quantitation limits	S - Spike Recovery outside accepted recovery limits
B - Analyte detected in the associated Method Blank	R - RPD outside accepted recovery limits
HT - Sample received past holding time	E - Value above quantitation range
* - Non-accredited parameter	H - Holding time exceeded



Date Reported: September 13, 2023

Analytical Results

Date Printed: September 13, 2023

Customer: GSG Consultants, Inc.
Work Order: 23090215 Revision 0
Project: Lincoln Square Brown Line
Lab ID: 23090215-003

Customer Sample ID: B-3-1
Collection Date: 9/8/2023 10:15:00 AM
Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Polynuclear Aromatic Hydrocarbons by GC/MS		SW8270C (SW3550B)		Prep Date: 9/12/2023		Analyst: TEM
<i>IEPA ELAP 100445</i>						
Acenaphthene	ND	0.041		mg/Kg-dry	1	9/13/2023
Acenaphthylene	ND	0.041		mg/Kg-dry	1	9/13/2023
Anthracene	ND	0.041		mg/Kg-dry	1	9/13/2023
Benz(a)anthracene	ND	0.041		mg/Kg-dry	1	9/13/2023
Benzo(a)pyrene	ND	0.041		mg/Kg-dry	1	9/13/2023
Benzo(b)fluoranthene	ND	0.041		mg/Kg-dry	1	9/13/2023
Benzo(g,h,i)perylene	ND	0.041		mg/Kg-dry	1	9/13/2023
Benzo(k)fluoranthene	ND	0.041		mg/Kg-dry	1	9/13/2023
Chrysene	ND	0.041		mg/Kg-dry	1	9/13/2023
Dibenz(a,h)anthracene	ND	0.041		mg/Kg-dry	1	9/13/2023
Fluoranthene	ND	0.041		mg/Kg-dry	1	9/13/2023
Fluorene	ND	0.041		mg/Kg-dry	1	9/13/2023
Indeno(1,2,3-cd)pyrene	ND	0.041		mg/Kg-dry	1	9/13/2023
Naphthalene	ND	0.041		mg/Kg-dry	1	9/13/2023
Phenanthrene	ND	0.041		mg/Kg-dry	1	9/13/2023
Pyrene	ND	0.041		mg/Kg-dry	1	9/13/2023
Metals by ICP/MS		SW6020A (SW3050B)		Prep Date: 9/12/2023		Analyst: MMR
<i>IEPA ELAP 100445</i>						
Arsenic	2.5	1.2		mg/Kg-dry	10	9/12/2023
Barium	20	1.2		mg/Kg-dry	10	9/12/2023
Cadmium	ND	0.58		mg/Kg-dry	10	9/12/2023
Chromium	9.2	1.2		mg/Kg-dry	10	9/12/2023
Lead	13	0.58		mg/Kg-dry	10	9/12/2023
Selenium	ND	1.2		mg/Kg-dry	10	9/12/2023
Silver	ND	1.2	*	mg/Kg-dry	10	9/12/2023
Mercury		SW7471B		Prep Date: 9/11/2023		Analyst: SH
<i>IEPA ELAP 100445</i>						
Mercury	ND	0.019		mg/Kg-dry	1	9/11/2023
pH (25 °C)		SW9045C		Prep Date: 9/11/2023		Analyst: LJ1
<i>IEPA ELAP 100445</i>						
pH	8.20			pH Units	1	9/11/2023
Percent Moisture		D2974		Prep Date: 9/11/2023		Analyst: RW
<i>IEPA ELAP 100445</i>						
Percent Moisture	20.6	0.2	*	wt%	1	9/11/2023

Qualifiers:

ND - Not Detected at the Reporting Limit	RL - Reporting / Quantitation Limit for the analysis
J - Analyte detected below quantitation limits	S - Spike Recovery outside accepted recovery limits
B - Analyte detected in the associated Method Blank	R - RPD outside accepted recovery limits
HT - Sample received past holding time	E - Value above quantitation range
* - Non-accredited parameter	H - Holding time exceeded



Date Reported: September 13, 2023

Analytical Results

Date Printed: September 13, 2023

Customer: GSG Consultants, Inc.
Work Order: 23090215 Revision 0
Project: Lincoln Square Brown Line
Lab ID: 23090215-004

Customer Sample ID: B-8-1
Collection Date: 9/8/2023 10:20:00 AM
Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
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Polynuclear Aromatic Hydrocarbons by GC/MS SW8270C (SW3550B) Prep Date: 9/12/2023 Analyst: TEM

IEPA ELAP 100445

Acenaphthene	0.11	0.041		mg/Kg-dry	1	9/13/2023
Acenaphthylene	ND	0.041		mg/Kg-dry	1	9/13/2023
Anthracene	0.31	0.041		mg/Kg-dry	1	9/13/2023
Benz(a)anthracene	0.60	0.041		mg/Kg-dry	1	9/13/2023
Benzo(a)pyrene	0.43	0.041		mg/Kg-dry	1	9/13/2023
Benzo(b)fluoranthene	0.48	0.041		mg/Kg-dry	1	9/13/2023
Benzo(g,h,i)perylene	0.20	0.041		mg/Kg-dry	1	9/13/2023
Benzo(k)fluoranthene	0.37	0.041		mg/Kg-dry	1	9/13/2023
Chrysene	0.68	0.041		mg/Kg-dry	1	9/13/2023
Dibenz(a,h)anthracene	0.096	0.041		mg/Kg-dry	1	9/13/2023
Fluoranthene	1.6	0.041		mg/Kg-dry	1	9/13/2023
Fluorene	0.087	0.041		mg/Kg-dry	1	9/13/2023
Indeno(1,2,3-cd)pyrene	0.17	0.041		mg/Kg-dry	1	9/13/2023
Naphthalene	ND	0.041		mg/Kg-dry	1	9/13/2023
Phenanthrene	0.51	0.041		mg/Kg-dry	1	9/13/2023
Pyrene	1.3	0.041		mg/Kg-dry	1	9/13/2023

Metals by ICP/MS

SW6020A (SW3050B)

Prep Date: 9/12/2023 Analyst: MMR

IEPA ELAP 100445

Arsenic	3.1	1.1		mg/Kg-dry	10	9/12/2023
Barium	24	1.1		mg/Kg-dry	10	9/12/2023
Cadmium	ND	0.55		mg/Kg-dry	10	9/12/2023
Chromium	10	1.1		mg/Kg-dry	10	9/12/2023
Lead	11	0.55		mg/Kg-dry	10	9/12/2023
Selenium	ND	1.1		mg/Kg-dry	10	9/12/2023
Silver	ND	1.1	*	mg/Kg-dry	10	9/12/2023

Mercury

SW7471B

Prep Date: 9/11/2023 Analyst: SH

IEPA ELAP 100445

Mercury	ND	0.024		mg/Kg-dry	1	9/11/2023
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pH (25 °C)

SW9045C

Prep Date: 9/11/2023 Analyst: LJ1

IEPA ELAP 100445

pH	8.49			pH Units	1	9/11/2023
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Percent Moisture

D2974

Prep Date: 9/11/2023 Analyst: RW

Percent Moisture	20.0	0.2	*	wt%	1	9/11/2023
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Qualifiers:
 ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 HT - Sample received past holding time
 * - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis
 S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range
 H - Holding time exceeded



Date Reported: September 13, 2023
Date Printed: September 13, 2023

Analytical Results

Customer: GSG Consultants, Inc. **Customer Sample ID:** B-9-1
Work Order: 23090215 Revision 0 **Collection Date:** 9/8/2023 10:25:00 AM
Project: Lincoln Square Brown Line **Matrix:** Soil
Lab ID: 23090215-005

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Polynuclear Aromatic Hydrocarbons by GC/MS SW8270C (SW3550B) Prep Date: 9/12/2023 Analyst: TEM						
<i>IEPA ELAP 100445</i>						
Acenaphthene	ND	0.039		mg/Kg-dry	1	9/13/2023
Acenaphthylene	ND	0.039		mg/Kg-dry	1	9/13/2023
Anthracene	ND	0.039		mg/Kg-dry	1	9/13/2023
Benz(a)anthracene	ND	0.039		mg/Kg-dry	1	9/13/2023
Benzo(a)pyrene	ND	0.039		mg/Kg-dry	1	9/13/2023
Benzo(b)fluoranthene	ND	0.039		mg/Kg-dry	1	9/13/2023
Benzo(g,h,i)perylene	ND	0.039		mg/Kg-dry	1	9/13/2023
Benzo(k)fluoranthene	ND	0.039		mg/Kg-dry	1	9/13/2023
Chrysene	ND	0.039		mg/Kg-dry	1	9/13/2023
Dibenz(a,h)anthracene	ND	0.039		mg/Kg-dry	1	9/13/2023
Fluoranthene	ND	0.039		mg/Kg-dry	1	9/13/2023
Fluorene	ND	0.039		mg/Kg-dry	1	9/13/2023
Indeno(1,2,3-cd)pyrene	ND	0.039		mg/Kg-dry	1	9/13/2023
Naphthalene	ND	0.039		mg/Kg-dry	1	9/13/2023
Phenanthrene	ND	0.039		mg/Kg-dry	1	9/13/2023
Pyrene	ND	0.039		mg/Kg-dry	1	9/13/2023
Metals by ICP/MS SW6020A (SW3050B) Prep Date: 9/12/2023 Analyst: MMR						
<i>IEPA ELAP 100445</i>						
Arsenic	3.1	1.0		mg/Kg-dry	10	9/12/2023
Barium	21	1.0		mg/Kg-dry	10	9/12/2023
Cadmium	ND	0.52		mg/Kg-dry	10	9/12/2023
Chromium	9.1	1.0		mg/Kg-dry	10	9/12/2023
Lead	9.1	0.52		mg/Kg-dry	10	9/12/2023
Selenium	ND	1.0		mg/Kg-dry	10	9/12/2023
Silver	ND	1.0	*	mg/Kg-dry	10	9/12/2023
Mercury SW7471B Prep Date: 9/11/2023 Analyst: SH						
<i>IEPA ELAP 100445</i>						
Mercury	ND	0.023		mg/Kg-dry	1	9/11/2023
pH (25 °C) SW9045C Prep Date: 9/11/2023 Analyst: LJ1						
<i>IEPA ELAP 100445</i>						
pH	8.58			pH Units	1	9/11/2023
Percent Moisture D2974 Prep Date: 9/11/2023 Analyst: RW						
<i>IEPA ELAP 100445</i>						
Percent Moisture	17.8	0.2	*	wt%	1	9/11/2023

Qualifiers:

ND - Not Detected at the Reporting Limit	RL - Reporting / Quantitation Limit for the analysis
J - Analyte detected below quantitation limits	S - Spike Recovery outside accepted recovery limits
B - Analyte detected in the associated Method Blank	R - RPD outside accepted recovery limits
HT - Sample received past holding time	E - Value above quantitation range
* - Non-accredited parameter	H - Holding time exceeded

CHAIN OF CUSTODY RECORD

Company: GST Client Tracking No.: _____
 Project Name: Lincoln Square Brown Line
 Project Location: _____
 Sampler(s): TK
 Report To: Technology Phone: _____ Fax: _____
 QC Level: 1 2 3 4 e-mail: _____

Quote No.: _____
 P.O. No.: _____
 Turn Around Time (Days):
 1 2 3 4 5-7 10
 Results Needed: _____
 Additional Information: _____ Lab No.:
 001
 002
 003
 004
 005

Client Sample Number/Description:	Date Taken	Time Taken	Matrix	Comp	Grab	Preserv.	No. of Containers
B-1-1	5/8/23	1005	2611		X		1
B-2-1		1010					
B-3-1		1015					
B-8-1		1020					
B-9-1		1025					

PNAS
 PCRA Metals
 PH

Relinquished by: (Signature) [Signature] Date/Time: 9/8/23 14:00
 Received by: (Signature) _____ Date/Time: 9-8-2023 11:00
 Relinquished by: (Signature) _____ Date/Time: _____
 Received by: (Signature) _____ Date/Time: _____
 Relinquished by: (Signature) _____ Date/Time: _____
 Received by: (Signature) _____ Date/Time: _____

Comments: _____
 Laboratory Work Order No.: 23090215
 Received on Ice: Yes No
 Temperature: On Ice °C

Preservation Code: A = None B = HNO₃ C = NaOH
 D = H₂SO₄ E = HCl F = 5035/EnCore G = Other



Sample Receipt Checklist

Customer: GSG

Date and Time Received: 9/8/2023 2:00:00 PM

Work Order Number 23090215

Received by: JMH

Checklist completed by: [Signature] 9-8-2023
Signature Date

Reviewed by: [Signature] 9/11/2023
Initials Date

Matrix: Carrier name Client Delivered

- Shipping container/cooler in good condition? Yes No Not Present
- Custody seals intact on shipping container/cooler? Yes No Not Present
- Custody seals intact on sample bottles? Yes No Not Present
- Chain of custody present? Yes No
- Chain of custody signed when relinquished and received? Yes No
- Chain of custody agrees with sample labels/containers? Yes No
- Samples in proper container/bottle? Yes No
- Sample containers intact? Yes No
- Sufficient sample volume for indicated test? Yes No
- All samples received within holding time? Yes No
- Container or Temp Blank temperature in compliance? Yes No Temperature On Ice °C
- Water - VOA vials have zero headspace? No VOA vials submitted Yes No
- Water - Samples pH checked? Yes No Checked by: _____
- Water - Samples properly preserved? Yes No pH Adjusted? _____

Any No response must be detailed in the comments section below.

Comments: _____

Customer / Person contacted: _____ Date contacted: _____ Contacted by: _____

Response: _____

