ADDENDUM

Public Building Commission of Chicago | Richard J. Daley Center | 50 West Washington Street, Room 200 | Chicago, Illinois 60602 | (312) 744-3090 | pbcchicago.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 (Decimal Degrees) Longitude: - 87.6882 (-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.

Project Name: Lincoln Square Brown Line Latitude: 41.96670 Longitude: - 87.68820

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

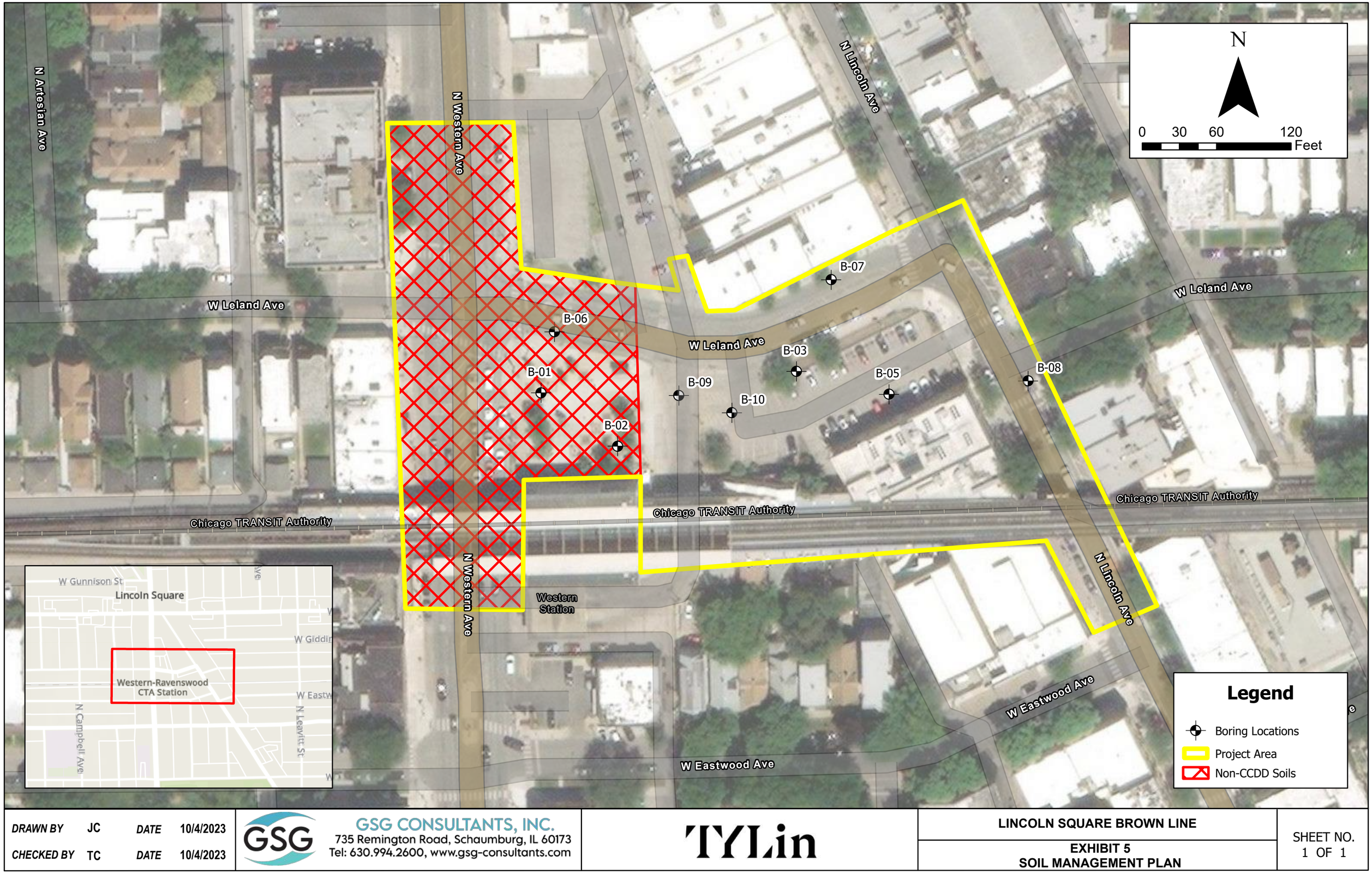
Thaddeus J. Cagney
Printed Name:

Licensed Professional Engineer or
Licensed Professional Geologist Signature:

Jun 14, 2024
Date:

LICENSED PROFESSIONAL GEOLOGIST
THADDEUS J. CAGNEY
196.001442
ILLINOIS

P.E or L.P.G. Seal:



DRAWN BY	JC	DATE	10/4/2023	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
CHECKED BY	TC	DATE	10/4/2023			SHEET NO. 1 OF 1

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

	CCDD MAC Values			Sample	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*	**Date**	8/7/2023	8/7/2023	8/4/2023	8/4/2023	8/4/2023	8/4/2023	8/4/2023
				Depth (ft)	6-7	4-5	9-10	7-8	7-8	7-8	7-8
VOCs											
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	B-01-0607	B-02-0405	B-05-0708	B-06-0708
	MSA	*City of*	*Non-MSA*	**Date**	08/07/2023 13:00	08/07/2023 12:00	08/04/2023 09:10	08/04/2023 10:20
	County	*Chicago*	*County*	**Depth (ft)**	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

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	B-07-0708	B-08-0708	B-10-0708
	MSA	*City of*	*Non-MSA*	**Date**	08/04/2023 11:20	08/04/2023 12:10	08/04/2023 12:50
	County	*Chicago*	*County*	**Depth (ft)**	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)

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 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)

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 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 County	*City of Chicago*	*Non-MSA County*	**Date**	8/7/2023	9/8/2023	8/7/2023	9/8/2023	8/4/2023	8/4/2023
				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 County	*City of Chicago*	*Non-MSA County*	**Date**	8/4/2023	9/8/2023	8/4/2023	9/8/2023	8/4/2023
				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)

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

	CCDD MAC Values			Sample	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*	**Date**	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	ND	ND	ND	ND	ND	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)

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.

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 individu... 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.

STAT Analysis Corporation

Date: August 24, 2023

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
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
Date Printed: August 24, 2023

ANALYTICAL RESULTS

Client: GSG Consultants, Inc.
Work Order: 23080255 Revision 1
Project: 23-2038, CDOT Lincoln Square
Lab ID: 23080255-001

Client Sample ID: B-05-0708
Collection Date: 8/4/2023 9:10:00 AM
Matrix: Soil

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:
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Date Reported: August 24, 2023
Date Printed: August 24, 2023

ANALYTICAL RESULTS

Client: GSG Consultants, Inc.
Work Order: 23080255 Revision 1
Project: 23-2038, CDOT Lincoln Square
Lab ID: 23080255-001

Client Sample ID: B-05-0708
Collection Date: 8/4/2023 9:10:00 AM
Matrix: Soil

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

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Date Reported: August 24, 2023
Date Printed: August 24, 2023

ANALYTICAL RESULTS

Client: GSG Consultants, Inc.
Work Order: 23080255 Revision 1
Project: 23-2038, CDOT Lincoln Square
Lab ID: 23080255-001

Client Sample ID: B-05-0708
Collection Date: 8/4/2023 9:10:00 AM
Matrix: Soil

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
Date Printed: August 24, 2023

ANALYTICAL RESULTS

Client: GSG Consultants, Inc.
Work Order: 23080255 Revision 1
Project: 23-2038, CDOT Lincoln Square
Lab ID: 23080255-001

Client Sample ID: B-05-0708
Collection Date: 8/4/2023 9:10:00 AM
Matrix: Soil

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
Date Printed: August 24, 2023

ANALYTICAL RESULTS

Client: GSG Consultants, Inc.
Work Order: 23080255 Revision 1
Project: 23-2038, CDOT Lincoln Square
Lab ID: 23080255-001

Client Sample ID: B-05-0708
Collection Date: 8/4/2023 9:10:00 AM
Matrix: Soil

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

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Date Reported: August 24, 2023
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ANALYTICAL RESULTS

Client: GSG Consultants, Inc.
Work Order: 23080255 Revision 1
Project: 23-2038, CDOT Lincoln Square
Lab ID: 23080255-002

Client Sample ID: B-06-0708
Collection Date: 8/4/2023 10:20:00 AM
Matrix: Soil

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

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Date Reported: August 24, 2023
Date Printed: August 24, 2023

ANALYTICAL RESULTS

Client: GSG Consultants, Inc.
Work Order: 23080255 Revision 1
Project: 23-2038, CDOT Lincoln Square
Lab ID: 23080255-002

Client Sample ID: B-06-0708
Collection Date: 8/4/2023 10:20:00 AM
Matrix: Soil

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

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Date Reported: August 24, 2023
Date Printed: August 24, 2023

ANALYTICAL RESULTS

Client: GSG Consultants, Inc.
Work Order: 23080255 Revision 1
Project: 23-2038, CDOT Lincoln Square
Lab ID: 23080255-002

Client Sample ID: B-06-0708
Collection Date: 8/4/2023 10:20:00 AM
Matrix: Soil

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	0.80		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
Date Printed: August 24, 2023

ANALYTICAL RESULTS

Client: GSG Consultants, Inc.
Work Order: 23080255 Revision 1
Project: 23-2038, CDOT Lincoln Square
Lab ID: 23080255-002

Client Sample ID: B-06-0708
Collection Date: 8/4/2023 10:20:00 AM
Matrix: Soil

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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ANALYTICAL RESULTS

Client: GSG Consultants, Inc.
Work Order: 23080255 Revision 1
Project: 23-2038, CDOT Lincoln Square
Lab ID: 23080255-002

Client Sample ID: B-06-0708
Collection Date: 8/4/2023 10:20:00 AM
Matrix: Soil

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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ANALYTICAL RESULTS

Client: GSG Consultants, Inc.
Work Order: 23080255 Revision 1
Project: 23-2038, CDOT Lincoln Square
Lab ID: 23080255-003

Client Sample ID: B-07-0708
Collection Date: 8/4/2023 11:20:00 AM
Matrix: Soil

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

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ANALYTICAL RESULTS

Client: GSG Consultants, Inc.
Work Order: 23080255 Revision 1
Project: 23-2038, CDOT Lincoln Square
Lab ID: 23080255-003

Client Sample ID: B-07-0708
Collection Date: 8/4/2023 11:20:00 AM
Matrix: Soil

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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Date Reported: August 24, 2023
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ANALYTICAL RESULTS

Client: GSG Consultants, Inc.
Work Order: 23080255 Revision 1
Project: 23-2038, CDOT Lincoln Square
Lab ID: 23080255-003

Client Sample ID: B-07-0708
Collection Date: 8/4/2023 11:20:00 AM
Matrix: Soil

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

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2242 West Harrison St., Suite 200, Chicago, IL 60612-3766
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Accreditations:IEPA ELAP 100445;ORELAP IL300001;AIHA-LAP, LLC 101160;NVLAP LabCode 101202-0

Date Reported: August 24, 2023
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ANALYTICAL RESULTS

Client: GSG Consultants, Inc.
Work Order: 23080255 Revision 1
Project: 23-2038, CDOT Lincoln Square
Lab ID: 23080255-003

Client Sample ID: B-07-0708
Collection Date: 8/4/2023 11:20:00 AM
Matrix: Soil

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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Client: GSG Consultants, Inc.
Work Order: 23080255 Revision 1
Project: 23-2038, CDOT Lincoln Square
Lab ID: 23080255-003

Client Sample ID: B-07-0708
Collection Date: 8/4/2023 11:20:00 AM
Matrix: Soil

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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ANALYTICAL RESULTS

Client: GSG Consultants, Inc.
Work Order: 23080255 Revision 1
Project: 23-2038, CDOT Lincoln Square
Lab ID: 23080255-004

Client Sample ID: B-08-0708
Collection Date: 8/4/2023 12:10:00 PM
Matrix: Soil

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

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ANALYTICAL RESULTS

Client: GSG Consultants, Inc.
Work Order: 23080255 Revision 1
Project: 23-2038, CDOT Lincoln Square
Lab ID: 23080255-004

Client Sample ID: B-08-0708
Collection Date: 8/4/2023 12:10:00 PM
Matrix: Soil

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

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Matrix: Soil

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	0.21		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**
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:
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Accreditations:IEPA ELAP 100445;ORELAP IL300001;AIHA-LAP, LLC 101160;NVLAP LabCode 101202-0

Date Reported: August 24, 2023
Date Printed: August 24, 2023

ANALYTICAL RESULTS

Client: GSG Consultants, Inc.
Work Order: 23080255 Revision 1
Project: 23-2038, CDOT Lincoln Square
Lab ID: 23080255-004

Client Sample ID: B-08-0708
Collection Date: 8/4/2023 12:10:00 PM
Matrix: Soil

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

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Date Reported: August 24, 2023
Date Printed: August 24, 2023

ANALYTICAL RESULTS

Client: GSG Consultants, Inc.
Work Order: 23080255 Revision 1
Project: 23-2038, CDOT Lincoln Square
Lab ID: 23080255-004

Client Sample ID: B-08-0708
Collection Date: 8/4/2023 12:10:00 PM
Matrix: Soil

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

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Date Reported: August 24, 2023
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ANALYTICAL RESULTS

Client: GSG Consultants, Inc.
Work Order: 23080255 Revision 1
Project: 23-2038, CDOT Lincoln Square
Lab ID: 23080255-005

Client Sample ID: B-10-0708
Collection Date: 8/4/2023 12:50:00 PM
Matrix: Soil

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

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Date Reported: August 24, 2023
Date Printed: August 24, 2023

ANALYTICAL RESULTS

Client: GSG Consultants, Inc.
Work Order: 23080255 Revision 1
Project: 23-2038, CDOT Lincoln Square
Lab ID: 23080255-005

Client Sample ID: B-10-0708
Collection Date: 8/4/2023 12:50:00 PM
Matrix: Soil

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

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Date Reported: August 24, 2023
Date Printed: August 24, 2023

ANALYTICAL RESULTS

Client: GSG Consultants, Inc.
Work Order: 23080255 Revision 1
Project: 23-2038, CDOT Lincoln Square
Lab ID: 23080255-005

Client Sample ID: B-10-0708
Collection Date: 8/4/2023 12:50:00 PM
Matrix: Soil

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

Qualifiers:
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Date Reported: August 24, 2023
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ANALYTICAL RESULTS

Client: GSG Consultants, Inc.
Work Order: 23080255 Revision 1
Project: 23-2038, CDOT Lincoln Square
Lab ID: 23080255-005

Client Sample ID: B-10-0708
Collection Date: 8/4/2023 12:50:00 PM
Matrix: Soil

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

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
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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

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

Date Reported: August 24, 2023
Date Printed: August 24, 2023

ANALYTICAL RESULTS

Client: GSG Consultants, Inc.
Work Order: 23080255 Revision 1
Project: 23-2038, CDOT Lincoln Square
Lab ID: 23080255-005

Client Sample ID: B-10-0708
Collection Date: 8/4/2023 12:50:00 PM
Matrix: Soil

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
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* - 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

CDOT Lincoln Square

STAT Analysis

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e-mail address: STATinfo@STATAnalysis.com

CHAIN OF CUSTODY RECORD

№ 938568 Page : 1 of 1

Company: GSG Consultants
Project Number: 23-2038 Client Tracking No.:
Project Name: CDOT Lincoln ~~Ave~~ Square
Project Location: Lincoln Square
Sampler(s): MN / AK
Report To: Ted Cromey Phone:
Fax:
QC Level: 1 ___ 2 ___ 3 ___ 4 ___ e-mail: tcromey@gsg-consultants.com

Quote No.:
P.O. No.:
Turn Around Time (Days): 1 2 3 4 (5 - 7) 10
Results Needed: / / am/pm

Client Sample Number/Description:	Date Taken	Time Taken	Matrix	Comp.	Grab	Preserv.	No. of Containers	TCL	Additional Information:	Lab No.:
B-05-0708	8/4/23	9:10	Soil		X		4	X		001
B-06-0708	8/4/23	10:20	Soil		X		4	X		002
B-07-0708	8/4/23	11:20	Soil		X		4	X		003
B-08-0603	8/4/23	12:10	Soil		X		4	X		004
B-10-0708	8/4/23	12:50	Soil		X		4	X		005

Relinquished by: (Signature) Date/Time: 8/4/23 13:53
Received by: (Signature) Date/Time: 8.4.2023 13:53
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.: 23080255

Received on Ice: Yes ✓ No

Temperature: In Ice °C

Preservation Code: A = None B = HNO_3 C = NaOH
D = H_2SO_4 E = HCl F = 5035/EnCore G = Other

STAT Analysis Corporation

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: Signature 8-4-2023 Date | Reviewed by: Initials 8/7/2023 Date

Matrix: | Carrier name Client Delivered

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shippping 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@statanalysis.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 Scientist
Direct: 630.994.2620 Mobile: 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.
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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.

STAT Analysis Corporation

Date: August 15, 2023

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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Date Reported: August 15, 2023
Date Printed: August 15, 2023

ANALYTICAL RESULTS

Client: GSG Consultants, Inc.
Work Order: 23080335 Revision 0
Project: 23-2038, Tylin Lincoln Square, Lincoln Square
Lab ID: 23080335-001

Client Sample ID: B-02-0405
Collection Date: 8/7/2023 12:00:00 PM
Matrix: Soil

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
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Date Reported: August 15, 2023
Date Printed: August 15, 2023

ANALYTICAL RESULTS

Client: GSG Consultants, Inc.
Work Order: 23080335 Revision 0
Project: 23-2038, Tylin Lincoln Square, Lincoln Square
Lab ID: 23080335-001

Client Sample ID: B-02-0405
Collection Date: 8/7/2023 12:00:00 PM
Matrix: Soil

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

Qualifiers:
ND - Not Detected at the Reporting Limit
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Date Reported: August 15, 2023
Date Printed: August 15, 2023

ANALYTICAL RESULTS

Client: GSG Consultants, Inc.
Work Order: 23080335 Revision 0
Project: 23-2038, Tylin Lincoln Square, Lincoln Square
Lab ID: 23080335-001

Client Sample ID: B-02-0405
Collection Date: 8/7/2023 12:00:00 PM
Matrix: Soil

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	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**
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

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

Date Reported: August 15, 2023
Date Printed: August 15, 2023

ANALYTICAL RESULTS

Client: GSG Consultants, Inc.
Work Order: 23080335 Revision 0
Project: 23-2038, Tylin Lincoln Square, Lincoln Square
Lab ID: 23080335-001

Client Sample ID: B-02-0405
Collection Date: 8/7/2023 12:00:00 PM
Matrix: Soil

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

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Date Reported: August 15, 2023
Date Printed: August 15, 2023

ANALYTICAL RESULTS

Client: GSG Consultants, Inc.
Work Order: 23080335 Revision 0
Project: 23-2038, Tylin Lincoln Square, Lincoln Square
Lab ID: 23080335-001

Client Sample ID: B-02-0405
Collection Date: 8/7/2023 12:00:00 PM
Matrix: Soil

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
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ANALYTICAL RESULTS

Client: GSG Consultants, Inc.
Work Order: 23080335 Revision 0
Project: 23-2038, Tylin Lincoln Square, Lincoln Square
Lab ID: 23080335-002

Client Sample ID: B-01-0607
Collection Date: 8/7/2023 1:00:00 PM
Matrix: Soil

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

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Date Reported: August 15, 2023
Date Printed: August 15, 2023

ANALYTICAL RESULTS

Client: GSG Consultants, Inc.
Work Order: 23080335 Revision 0
Project: 23-2038, Tylin Lincoln Square, Lincoln Square
Lab ID: 23080335-002

Client Sample ID: B-01-0607
Collection Date: 8/7/2023 1:00:00 PM
Matrix: Soil

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

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Date Reported: August 15, 2023
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ANALYTICAL RESULTS

Client: GSG Consultants, Inc.
Work Order: 23080335 Revision 0
Project: 23-2038, Tylin Lincoln Square, Lincoln Square
Lab ID: 23080335-002

Client Sample ID: B-01-0607
Collection Date: 8/7/2023 1:00:00 PM
Matrix: Soil

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

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Lab ID: 23080335-002

Client Sample ID: B-01-0607
Collection Date: 8/7/2023 1:00:00 PM
Matrix: Soil

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

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

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
Date Printed: August 15, 2023

ANALYTICAL RESULTS

Client: GSG Consultants, Inc.
Work Order: 23080335 Revision 0
Project: 23-2038, Tylin Lincoln Square, Lincoln Square
Lab ID: 23080335-002

Client Sample ID: B-01-0607
Collection Date: 8/7/2023 1:00:00 PM
Matrix: Soil

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
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E - Value above quantitation range
H - Holding time exceeded

STAT Analysis
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e-mail address: STATinfo@STATAnalysis.com

CHAIN OF CUSTODY RECORD

№ 938640 Page : 1 of 1

Company: 360 Consultants
Project Number: TYLin Lincoln Square Client Tracking No.:
Project Name: 23-2035
Project Location: Lincoln Square
Sampler(s): JAN
Report To: Emily McGonigle Phone: 630-994-2664
Fax:
QC Level: 1 2 3 4 e-mail: Emcgonigle@360-consult

Quote No.:
P.O. No.:
Turn Around Time (Days): 1 2 3 4 5-7 10
Results Needed: / / am/pm

Client Sample Number/Description:	Date Taken	Time Taken	Matrix	Comp.	Grab	Preserv.	No. of Containers	TCLP	Additional Information:	Lab No.:
B-02-0405	8-7-23	1200	Soil		✓	A	4	✓		001
B-01-0607	8-7-23	1200	Soil		✓	A	4	✓		002

Relinquished by: (Signature) Date/Time: 1530 8-7-23
Received by: (Signature) Date/Time: 8-7-2023 15:30
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.: 23080335

Received on Ice: Yes ✓ No

Temperature: On Ice °C

Preservation Code: A = None B = HNO_3 C = NaOH
D = H_2SO_4 E = HCl F = 5035/EnCore G = Other

STAT Analysis Corporation

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: _____ Signature | 8-7-2023 Date

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

Matrix:

Carrier name Client Delivered

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shippping 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
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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,

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

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

Analytical Results

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

Analytical Results

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**
IEPA ELAP 100445						
pH	9.58			pH Units	1	9/11/2023

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

Analytical Results

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**
IEPA ELAP 100445						
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**
IEPA ELAP 100445						
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**
IEPA ELAP 100445						
Mercury	ND	0.019		mg/Kg-dry	1	9/11/2023
pH (25 °C)	**SW9045C**			Prep Date: **9/11/2023**		Analyst: **LJ1**
IEPA ELAP 100445						
pH	8.20			pH Units	1	9/11/2023
Percent Moisture	**D2974**			Prep Date: **9/11/2023**		Analyst: **RW**
Percent Moisture	20.6	0.2	*	wt%	1	9/11/2023

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

Analytical Results

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
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
pH (25 °C)	**SW9045C**			Prep Date: **9/11/2023**		Analyst: **LJ1**
IEPA ELAP 100445						
pH	8.49			pH Units	1	9/11/2023
Percent Moisture	**D2974**			Prep Date: **9/11/2023**		Analyst: **RW**
Percent Moisture	20.0	0.2	*	wt%	1	9/11/2023

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

Analytical Results

Customer: GSG Consultants, Inc.
Work Order: 23090215 Revision 0
Project: Lincoln Square Brown Line
Lab ID: 23090215-005

Customer Sample ID: B-9-1
Collection Date: 9/8/2023 10:25:00 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**
IEPA ELAP 100445						
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**
IEPA ELAP 100445						
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**
IEPA ELAP 100445						
Mercury	ND	0.023		mg/Kg-dry	1	9/11/2023
pH (25 °C)	**SW9045C**			Prep Date: **9/11/2023**		Analyst: **LJ1**
IEPA ELAP 100445						
pH	8.58			pH Units	1	9/11/2023
Percent Moisture	**D2974**			Prep Date: **9/11/2023**		Analyst: **RW**
Percent Moisture	17.8	0.2	*	wt%	1	9/11/2023

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

STAT Analysis

2242 W. Harrison Suite 200, Chicago, Illinois 60612 Phone: (312) 733-0551 Fax: (312) 733-2386
e-mail address: STATinfo@STATAnalysis.com

CHAIN OF CUSTODY RECORD

№ 938575 Page : 1 of 1

Company: GSH
Project Number: Client Tracking No.:
Project Name: Lincoln Square Bromo Line
Project Location:
Sampler(s): TC
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: / / am/pm

Client Sample Number/Description:	Date Taken	Time Taken	Matrix	Comp.	Grab	Preserv.	No. of Containers	PNAs	RCRA metals	pH	Additional Information:	Lab No.:
B-1-1	9/8/23	1005	Soil		X		1	X				001
B 2-1		1010								X		002
B-3-1		1015						X	X	X		003
B-8-1		1020						X	X	X		004
B 5-1		1025					—	X	X	X		005

Relinquished by: (Signature) Date/Time: 9/8/23 14:00
Received by: (Signature) Date/Time: 9-8-2023 A 1:00
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 = HNO_3 C = NaOH
D = H_2SO_4 E = HCl F = 5035/EnCore G = Other

sterling labs

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 Date

Reviewed by: Initials 9/11/2023 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.

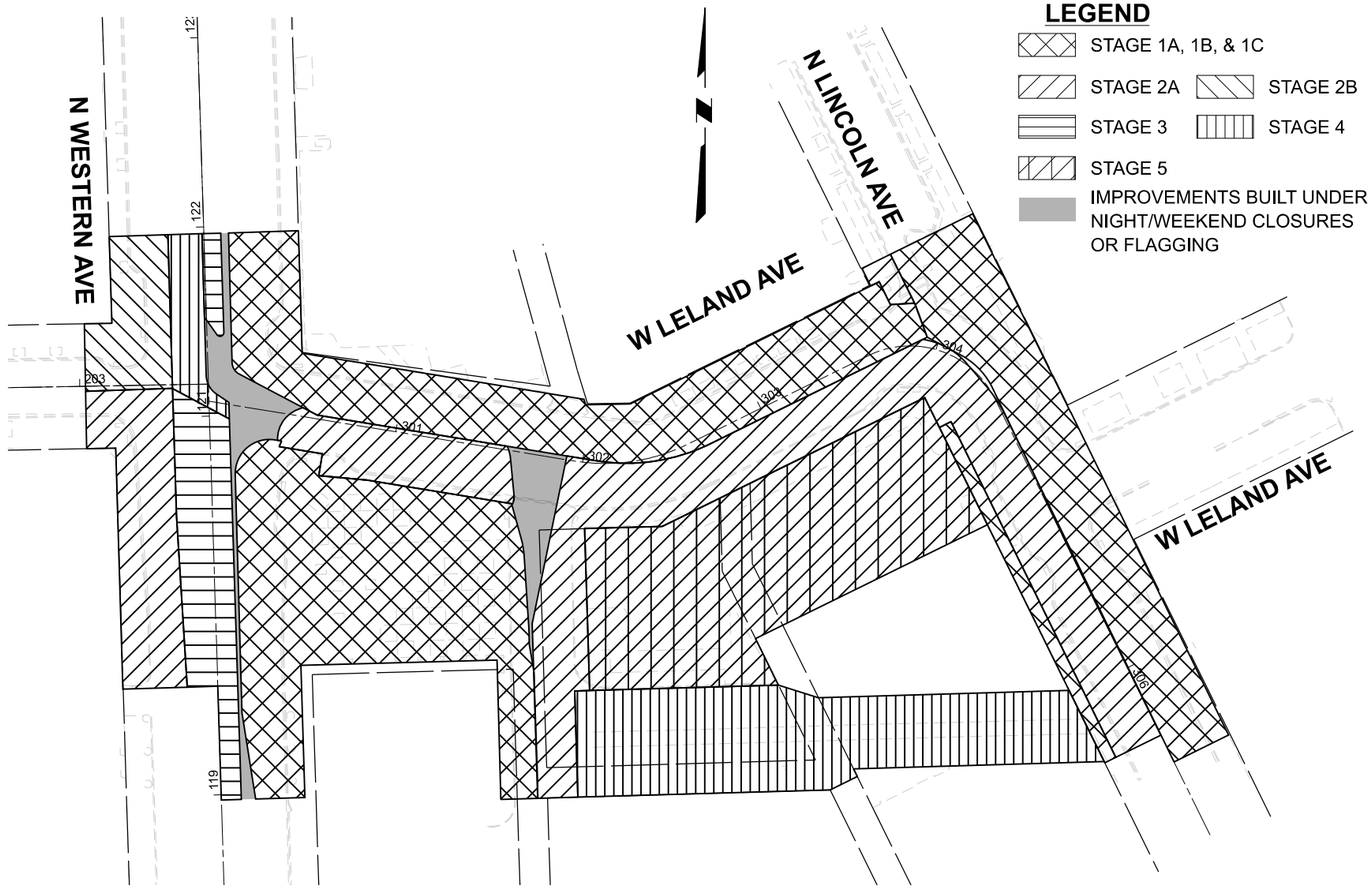
Comments:

Customer / Person contacted: Date contacted: Contacted by:

Response:

MAINTENANCE OF TRAFFIC GENERAL NOTES

1. TRAFFIC CONTROL WILL BE AS SPECIFIED IN THE DETAILED SPECIFICATION FOR TRAFFIC CONTROL AND PROTECTION, PER THE PLANS, PER APPLICABLE IDOT STANDARD DETAILS, PER THE MUTCD, AND AS DIRECTED BY THE COMMISSIONER.
2. THE CONTRACTOR SHALL TEMPORARILY RELOCATE ALL REGULATORY SIGNAGE BASED ON MOT LANE CONFIGURATIONS AS APPROVED BY THE COMMISSIONER.
3 THE CONTRACTOR MUST MAINTAIN PEDESTRIAN ACCESS TO ADJACENT PROPERTIES AS DIRECTED BY THE COMMISSIONER AND SHOWN IN THE PLANS. THE CONTRACTOR MUST INSTALL AND MAINTAIN ADEQUATE SIGNAGE FOR PEDESTRIANS DETOURING AWAY FROM THE WORK SITE.
4. CROSSWALK PAVEMENT MUST BE ADA COMPLIANT DURING CONSTRUCTION.
5. THE CONTRACTOR MUST USE IDOT STANDARD 701901 FOR STANDARD TRAFFIC CONTROL DEVICES AND IDOT STANDARD 701801 FOR STANDARD SIDEWALK CLOSURES.
6. ALL PEDESTRIAN PATHS MUST HAVE ADA COMPLIANT DETECTABLE BARRICADES. THE CONTRACTOR MUST MAINTAIN ACCESSIBLE PEDESTRIAN ACCESS AT CORNERS AS SPECIFIED IN THE MAINTEANCE OF TRAFFIC PLANS.
7. THE CONTRACOTR MUST MAINTAIN POSITIVE DRAINAGE AND TEMPORARY EROSION CONTROL THROUGHOUT CONSTRUCTION AND AS DIRECTED BY THE COMMISSIONER.
8. THE CONTRACTOR SHALL INSTALL TEMPORARY BARRIER WALL, BARRICADES, AND BARRELS THROUGHOUT THE LIMITS OF THE STAGE AS SHOWN ON THE MAINTENANCE OF TRAFFIC PLANS AND AS DIRECTED BY THE COMMISSSIONER.
9. DURING EACH STAGE, THE CONTRACTOR MUST SHIFT TRAFFIC AS SHOWN ON THE MAINTENANCE OF TRAFFIC PLANS. BARRICADES AND BARRELS MUST BE INSTALLED THROUGHOUT THE LIMITS OF THE WORK ZONES AS SHOWN ON THE MAINTENANCE OF TRAFFIC PLANS. BARRICADES AND BARRELS MUST ONLY BE IN WORK ZONES UNDER CONSTRUCTION.
10. ALL ZONES NOT UNDER CONSTRUCTION WILL BE FULLY OPEN TO THE PUBLIC.
11. PER INTERSECTION, THE CONTRACTOR MUST CLOSE NO MORE THAN ONE CROSSWALK AT ANY TIME.
12. TRAFFIC CONTROL SHOWN IS MINIMUM REQUIRED; ADDITIONAL TRAFFIC CONTROL AS REQUIRED AND AS DIRECTED BY THE COMMISSIONER IS INCLUDED IN THE VARIOUS CONTROL PAY ITEMS.
13. THE CONTRACTOR SHALL MAINTAIN THE LIGHTING LEVELS AS REQUIRED BY CITY ORDINANCE.
14. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL PROPERTIES AT ALL TIMES.
15. THE CONTRACTOR IS TO COORDINATE PEDESTRIAN AND VEHICULAR TRAFFIC CONTROL WITH ANY ADJACENT CONSTRUCTION PROJECT THAT AFFECT THE PUBLIC WAY.
16. THE CONTRACTOR SHALL PROVIDE 5' WIDE (MIN) ADA COMPLIANT PEDESTRIAN PATHS ACROSS THE WORK ZONE AT TEMPORARY BUS STOP LOCATIONS-ONE PATH FOR ACCESS TO THE FRONT DOOR AND ONE PATH FOR ACCESS TO THE SIDEWALK FROM BUS BACK DOOR.
17. FENCING OR OTHER ADEQUATE BARRIER TO BE DETERMINED BY THE COMMISSIONER TO BE PROVIDED BETWEEN WORK ZONES AND PEDESTRIAN PATHS.



LEGEND

- STAGE 1A, 1B, & 1C
- STAGE 2A
- STAGE 2B
- STAGE 3
- STAGE 4
- STAGE 5
- IMPROVEMENTS BUILT UNDER NIGHT/WEEKEND CLOSURES OR FLAGGING

1

MILESTONE COMPLETION DATES

1. MILESTONE #1 ("PERMITTING + MOBILIZATION + SITE CONTROL + SUBMITTAL PREPARATION")
   - A. COMPLETE WORK BY OCTOBER 31,2024
2. SUBSTANTIAL COMPLETION ("NEW ROADWAY + PLAZA + ASSOCIATED SITE IMPROVEMENTS")
   - A. WORK MAY NOT COMMENCE SOONER THAN NOVEMBER 1, 2024
   - B. COMPLETE WORK BY JULY 31, 2025
   - C. WORK INCLUDES STAGES 1A; 1B; 1C; 2A; 2B; 3; 4 (WESTERN PED REF ISLAND N OF LELAND AVE); AND 5A
3. MILESTONE #2 ("ASSOCIATED SITE IMPROVEMENTS FOR THE AREA UNDER THE CTA ELEVATED TRACKS")
   - A. WORK MAY NOT COMMENCE SOONER THAN DECEMBER 2, 2024
   - B. COMPLETE WORK BY JULY 31,2025
   - C. WORK INCLUDES STAGE 4 (CTA ALLEY)
4. MILESTONE #3 ("NEW PARKING LOT + ASSOCIATED SITE IMPROVEMENTS")
   - A. WORK MAY NOT COMMENCE SOONER THAN APRIL 1, 2025
   - B. COMPLETE WORK BY JULY 31, 2025
   - C. WORK INCLUDES STAGE 5B

STAGE 1A, 1B, & 1C - PLAZA AND NORTH SIDE OF LELAND

1. INSTALL CONSTRUCTION SIGNING, TEMPORARY PAVEMENT MARKINGS, DRUMS, BARRICADES, AND TCB PER MOT STAGE 1 PLANS. ALL PARKING ALONG EASTBOUND LELAND AVE MUST BE PROHIBITED. CONTRACTOR TO COORDINATE WITH CDOT. WESTBOUND TRAFFIC ALONG LELAND AVE PROHIBITED IN STAGE 1.
2. ANY ROAD CLOSURES MUST BE APPROVED BY THE COMMISSIONER AND A DETOUR ROUTE APPROVED BY THE CITY MUST BE IMPLEMENTED.
3. ACCESS TO EXISTING FACILITIES INCLUDING THE LINCOLN SQUARE ATHLETIC CLUB LOADING DOCK IS TO BE MAINTAINED.
4. FOR STAGE 1, MAINTAIN ACCESS TO THE TRANSIT WAY FOR ONE WAY TRAFFIC FOR CTA BUS ROUTES. CONSTRUCT IMPROVEMENTS IN THE WORK AREA AS INDICATED IN THE MOT STAGE 1 PLANS.

STAGE 2A - SOUTH SIDE OF LELAND AVE, SW CORNER LELAND/WESTERN

1. INSTALL CONSTRUCTION SIGNING, TEMPORARY PAVEMENT MARKINGS, DRUMS, BARRICADES, AND TCB PER MOT STAGE 2A PLANS. ALL PARKING ALONG EASTBOUND LELAND AVE MUST BE PROHIBITED. CONTRACTOR TO COORDINATE WITH CDOT. WESTBOUND TRAFFIC ALONG LELAND AVE WILL BE PROHIBITED IN STAGE 2A.
2. ROADWAY AT INTERSECTION OF LINCOLN AVE AND LELAND AVE TO BE CONSTRUCTED WITH NIGHT CLOSURES BETWEEN MOT STAGE 1 AND 2 BEFORE TRAFFIC IS SWITCHED TO MOT STAGE 2.
3. ANY ROAD CLOSURES MUST BE APPROVED BY THE COMMISSIONER AND A DETOUR ROUTE APPROVED BY THE CITY MUST BE IMPLEMENTED.
4. FOR STAGE 2A, MAINTAIN ACCESS TO THE TRANSIT WAY FOR ONE WAY TRAFFIC FOR CTA BUS ROUTES.
5. CONSTRUCT IMPROVEMENTS IN THE WORK AREA AS INDICATED IN THE MOT STAGE 2A PLANS.

STAGE 2B - S SIDE OF LELAND AVE, NW CORNER LELAND/WESTERN

1. INSTALL CONSTRUCTION SIGNING, TEMPORARY PAVEMENT MARKINGS, DRUMS, BARRICADES, AND TCB PER MOT STAGE 2B PLANS. ALL PARKING ALONG EASTBOUND LELAND AVE MUST BE PROHIBITED. CONTRACTOR TO COORDINATE WITH CDOT. WESTBOUND TRAFFIC ALONG LELAND AVE WILL BE PROHIBITED IN STAGE 2B.
2. ANY ROAD CLOSURES MUST BE APPROVED BY THE COMMISSIONER, AND A DETOUR ROUTE APPROVED BY THE CITY MUST BE IMPLEMENTED.
3. FOR STAGE 2B, MAINTAIN ACCESS TO THE TRANSIT WAY FOR ONE WAY TRAFFIC FOR CTA BUS ROUTES.
4. CONSTRUCT IMPROVEMENTS IN THE WORK AREA AS INDICATED IN THE MOT STAGE 2B PLANS.

STAGE 3 - WESTERN PED REF ISLAND S OF LELAND AVE

1. INSTALL CONSTRUCTION SIGNING, TEMPORARY PAVEMENT MARKINGS, DRUMS, BARRICADES, AND TCB PER MOT STAGE 3 PLANS. SIGNAGE AND PAVEMENT MARKING ON LELAND AVE AND LINCOLN AVE IS TO REFLECT PROPOSED PAVEMENT MARKING.
2. ANY ROAD CLOSURES MUST BE APPROVED BY THE COMMISSIONER, AND A DETOUR ROUTE APPROVED BY THE CITY MUST BE IMPLEMENTED.
3. CONSTRUCT IMPROVEMENTS IN THE WORK AREA AS INDICATED IN THE MOT STAGE 3 PLANS.

STAGE 4 - WESTERN PED REF ISLAND N OF LELAND AVE AND CTA ALLEY

1. INSTALL CONSTRUCTION SIGNING, TEMPORARY PAVEMENT MARKINGS, DRUMS, BARRICADES, AND TCB PER MOT STAGE 4 PLANS. SIGNAGE AND PAVEMENT MARKING ON LELAND AVE AND LINCOLN AVE IS TO REFLECT PROPOSED PAVEMENT MARKING.
2. ANY ROAD CLOSURES MUST BE APPROVED BY THE COMMISSIONER, AND A DETOUR ROUTE APPROVED BY THE CITY MUST BE IMPLEMENTED.
3. CONSTRUCT IMPROVEMENTS IN THE WORK AREA AS INDICATED IN THE MOT STAGE 4 PLANS.

STAGE 5A - HMA SURFACE PAVING

USING DAILY LANE CLOSURES AND FLAGGERS IN ACCORDANCE WITH IDOT STANDARDS 701601, 701602, AND 701701:

1. COMPLETE REMAINING MILLING AND BASE COURSE INSTALLATION AT WESTERN AVE AND LELAND AVE INTERSECTION
2. INSTALL HMA SURFACE COURSE ON N WESTERN AVE, W LELAND AVE AND N LINCOLN AVENUE
3. INSTALL PERMANENT PAVEMENT MARKINGS
4. REMOVE REMAINING TRAFFIC CONTROL DEVICES

STAGE 5B - PARKING LOT AND ASSOCIATED SITE IMPROVEMENTS

1. INSTALL CONSTRUCTION SIGNING, TEMPORARY PAVEMENT MARKINGS, DRUMS, BARRICADES, AND TCB PER PLANS SIGNAGE AND PAVEMENT MARKING ON LELAND AVE AND LINCOLN AVE IS TO REFLECT PROPOSED PAVEMENT MARKING.
2. LANE CLOSURES PROHIBITED.
3. CONSTRUCT IMPROVEMENTS IN THE WORK AREA AS INDICATED IN THE APPENDIX A AND APPENDIX B PLANS.

MODEL: Default
FILE NAME: pw:\\Hpw.bentley.com:ip-hpw-01\Documents\Projects\30110\0100\4000\4000_LSBL-8000_DSGN\04804_Sheets\S2243-eit+mot01.dgn

TYLin

	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT SCALE = 80.000 ' / in.	DATE - 07.18.2024 (IFB)	REVISED 1 - ADD.1 - 07.30.2024	

CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION
DIVISION OF PROJECT DEVELOPMENT

LINCOLN SQUARE
BROWN LINE AREA IMPROVEMENTS

MAINTENANCE OF TRAFFIC
GENERAL NOTES, KEY PLAN, & SEQUENCING

SCALE: NTS | SHEET OF SHEETS | PBC CONTRACT NO. C1612

DRAWING NO. MOT–1
SHEET NO.