

APPENDIX D

LPC-663 CCDD DOCUMENT



Illinois Environmental Protection Agency

Page 1 of 2

Bureau of Land • 1021 North Grand Avenue East • P.O. Box 19276 • Springfield • Illinois • 62794-9276

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: FAP 345 / US Route 20 at IL Route 59 Office Phone Number, if available: _____

Physical Site Location (address, including number and street): 2531V-43 (1200 Block Sutton); 2531V-56 (1-309 Monarch Dr.)
2531V-34 (700-800 Blocks Lake St); 2531V-35 (9N175 IL59); 2531V-37 (9N041-9N107 IL59); 2531V-41 (9N100 Block IL59)

City: Bartlett/Streamwood State: IL Zip Code: 60103

County: Cook Township: T41N / Hanover

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

Latitude: 42.008291 Longitude: -88.203318

(Decimal Degrees)

(-Decimal Degrees)

Identify how the lat/long data were determined:

☐ GPS ☐ Map Interpolation ☐ Photo Interpolation ☐ Survey ☒ Other

ISGS Public Land Survey System - Approximate Center of multiple addresses

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

II. Owner/Operator Information for Source Site

Site Owner

Site Operator

Name: Illinois Dept. of Transportation, District 1

Name: Illinois Dept. of Transportation, District 1

Street Address: 201 W Center Court

Street Address: 201 W Center Court

PO Box: _____

PO Box: _____

City: Schaumburg State: IL

City: Schaumburg State: IL

Zip Code: 60196 Phone: 847-705-4101

Zip Code: 60196 Phone: 847-705-4101

Contact: Sam Mead

Contact: Sam Mead

Email, if available: Sam.Mead@illinois.gov

Email, if available: Sam.Mead@illinois.gov

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: FAP 345 / US Route 20 at IL Route 59Latitude: 42.008291 Longitude: -88.203318Uncontaminated Site 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):

Refer to Figure 4-1.1 and 4-1.2 in the Final PSI Report and W. borings 2531V-41-04 (Sta 84+25 to 93+00); 2531V-43-06 (Sta 101+62 to 103+70); 2531V-56-08 (Sta 107+45 to 108+25) and E. borings 2531V-34-02 and 2531V-34-09 (Ramp E Sta 304+10 to 306+50); 2531V-34-03 (Sta 93+80 to 99+75); 2531V-35-01 (Sta 91+ 65 to 92+60); 2531V-37-01 (Sta 85+00 to 86+50).

- 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]:

Refer to Tables 4-2 and 4-3 in the Final PSI Report for results summary and STAT Laboratory Report #1707839 Rev 0; #17080266 Rev 0; #17080286 Rev 0. Site specific table of results is attached to this form.

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

I, Jeremy J. Reynolds, P.G. (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: Huff & Huff, Inc. / GZA GeoEnvironmental, Inc.Street Address: 915 Harger Road, Suite 330City: Oak Brook State: IL Zip Code: 60523Phone: 630-684-9100Jeremy J. Reynolds, P.G.

Printed Name:

[Signature]
 Licensed Professional Engineer or
 Licensed Professional Geologist Signature:

Date: 8/24/17

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

LPC-663 Results Table for Sites 2531V-34-02, 34-03, 34-09, 35-01, 37-01, 41-04, 43-06, and 56-08
Soils for Unrestricted Reuse or Disposal Including CCDD/USFO Facilities

Boring ID	2531V-34-02	2531V-34-02	2531V-34-03	2531V-34-09	2531V-34-09	2531V-35-01	2531V-35-01 (Dup 1)	2531V-35-01	2531V-37-01	2531V-41-04	2531V-43-06	2531V-43-06 (Dup 5)	2531V-43-06	2531V-56-08	2531V-56-08	2531V-56-08	Soil Reference Concentrations ^{4/}
Sample Depth, ft	0-7	7-14	0-3.5	0-7	7-14	0-5	0-5	5-9	0-3.5	0-3.5	0-5	0-5	5-9	0-6	6-12	12-18	
Sample Date	7/27/17	7/27/17	7/27/17	8/8/17	8/8/17	7/27/17	7/27/17	7/27/17	7/27/17	7/27/17	8/7/17	8/7/17	8/7/17	8/9/17	8/9/17	8/9/17	
Excavation Area(s) [ISGS Site No.(s)]	2531V-34	2531V-34	2531V-34	2531V-34	2531V-34	2531V-35	2531V-35	2531V-35	2531V-37	2531V-41	2531V-43	2531V-43	2531V-43	2531V-56	2531V-56	2531V-56	
Parameter																	
Laboratory soil pH (s.u.)	8.36	7.86	8.86	7.66	7.83	8.89	8.73	8.59	8.64	8.71	8.22	8.2	8.25	7.55	8.06	8.05	<6.25, >9.0
VOCs (mg/kg)	NO EXCEEDANCES																
SVOCs, mg/kg																	
benzo(a)anthracene	< 0.037	< 0.039	< 0.037	< 0.039	< 0.039	< 0.036	< 0.034	< 0.036	< 0.037	< 0.037	< 0.038	< 0.037	< 0.038	< 0.038	< 0.036	< 0.036	0.9 / 1.1 / 1.8
Benzo(a)pyrene	< 0.037	< 0.039	< 0.037	< 0.039	< 0.039	< 0.036	< 0.034	< 0.036	< 0.037	< 0.037	< 0.038	< 0.037	< 0.038	< 0.038	< 0.036	< 0.036	0.09 / 1.3 / 2.1
Benzo(b)fluoranthene	< 0.037	< 0.039	< 0.037	< 0.039	< 0.039	< 0.036	< 0.034	< 0.036	< 0.037	< 0.037	< 0.038	< 0.037	< 0.038	< 0.038	< 0.036	< 0.036	0.9 / 1.5 / 2.1
Dibenz(a,h)anthracene	< 0.037	< 0.039	< 0.037	< 0.039	< 0.039	< 0.036	< 0.034	< 0.036	< 0.037	< 0.037	< 0.038	< 0.037	< 0.038	< 0.038	< 0.036	< 0.036	0.09 / 0.2 / 0.42
Total Metals, mg/kg																	
Arsenic	6.8	3.7	9.8	7.9	7.7	6.1	8.3	6.7	10	6.4	4.7	6.5	7.8	8.2	6.0	4.4	11.3 / 13
Chromium	18	16	20	23	17	6.7	5.1	6.4	20	9.2	12	17	18	22	8.8	7.6	21
Cobalt	8.6	13	9.9	11	11	4.5	3.6	3.4	10	5.3	6.5	9.4	9.6	15	6.2	4.6	20
Iron	20000	26000	24000	25000	21000	13000	9800	11000	24000	12000	14000	20000	21000	25000	13000	11000	15,000 / 15,900
Lead	25	17	64	19	17	7.7	21	5.3	14	17	7.0	11	15	17	6.4	6.2	107
Manganese	440	670	560	630	490	420	300	270	480	410	430	540	530	690	490	310	630 / 636
TCPL Metals, mg/L																	
Cadmium	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	0.005
Iron	< 0.25	0.27	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	2.8	< 0.25	< 0.25	2.7	3.7	5
Lead	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	0.0076	< 0.0050	0.014	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	0.0075
Manganese	0.24	7.5	0.78	9.5	10	0.95	0.79	1.3	6.6	0.56	0.78	4.1	1.5	0.31	4.1	4.3	0.15
Nickel	< 0.010	0.023	< 0.010	0.034	0.028	0.012	< 0.010	0.021	0.11	< 0.010	< 0.010	0.049	0.014	< 0.010	0.063	0.067	0.1
Zinc	0.053	0.18	0.14	< 0.050	< 0.050	0.13	0.19	0.13	0.19	0.17	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	5
SPLP Metals, mg/L																	
Iron	1.5	< 0.10	14	0.72	1.4	9.7	4.4	3.2	5.7	9.9	6.1	5.2	6.1	9.6	0.50	2.0	5
Lead	0.0036	< 0.0020	0.011	< 0.0020	< 0.0020	0.0048	0.0030	< 0.0020	0.0023	0.0044	< 0.0020	< 0.0020	0.0025	0.0041	< 0.0020	< 0.0020	0.0075
Manganese	0.015	< 0.0040	0.12	0.031	0.020	0.066	0.034	0.019	0.037	0.076	0.031	0.035	0.048	0.10	< 0.0040	0.0094	0.15

--- - Refers to not applicable or value not available

Note: only samples and parameters with exceedances impacting construction activities are presented on this figure; see Tables C-1 and C-2 in Appendix C for comprehensive analytical report tables of all samples and constituents analyzed.

Organic Soil Reference Concentrations (XX.XX / XX.XX / XX.XX) Include the Most Stringent Values from the MAC Table / The Chicago Corporate Limit / and The MSA County Excluding Chicago Values From the MAC Table

Inorganic Soil Reference Concentrations (xx.xx / xx.xx) Include the Most Stringent values from the MAC Table / and the MSA County Value From the MAC Table as Applicable

^{4/} Soil reference concentrations from MAC table. Background values for MSA counties are included as applicable.

Shaded values indicate concentration exceeds reference concentration

FIGURE 4-1.1 EXTENT OF POTENTIALLY IMPACTED SOIL

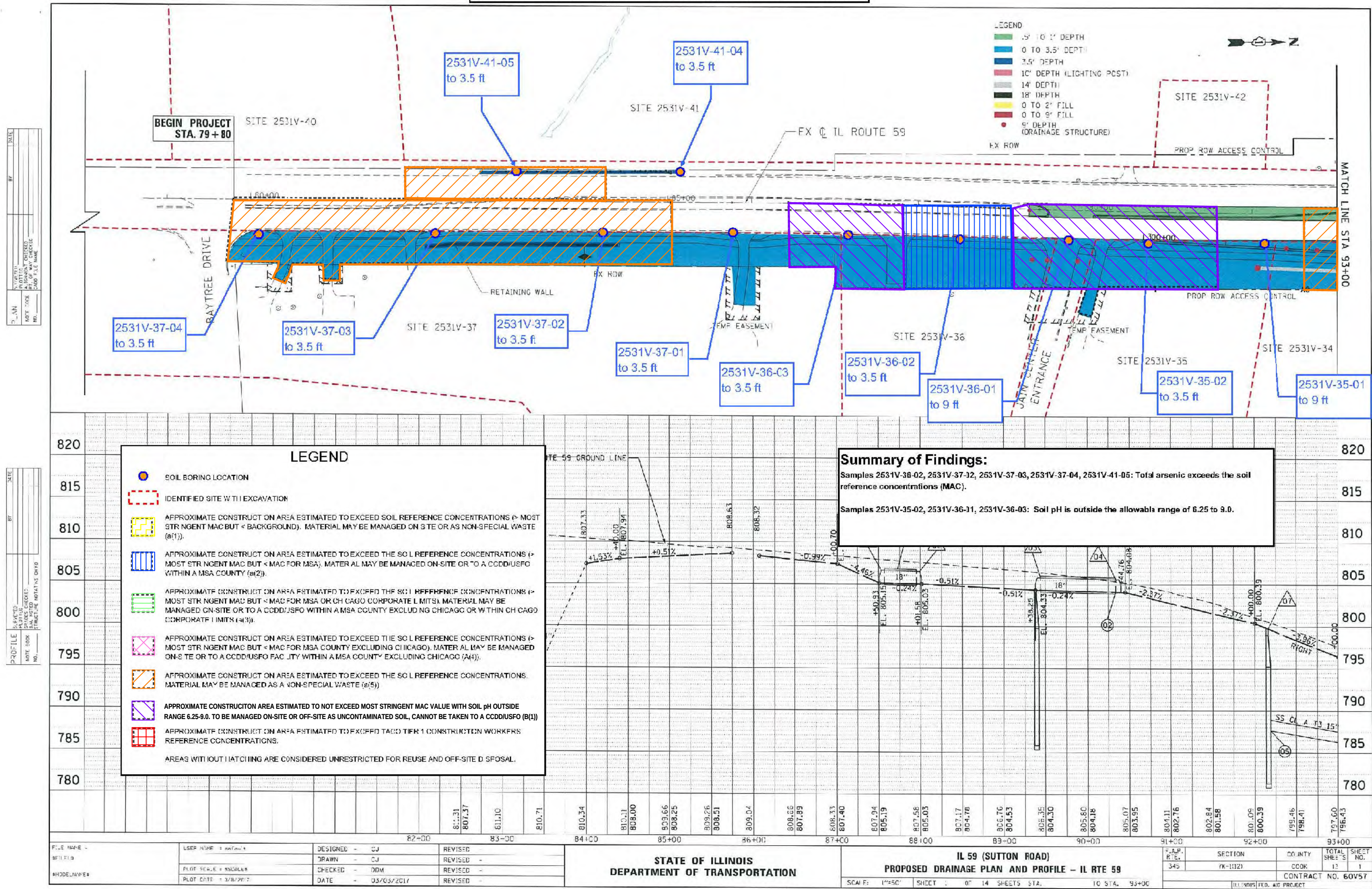
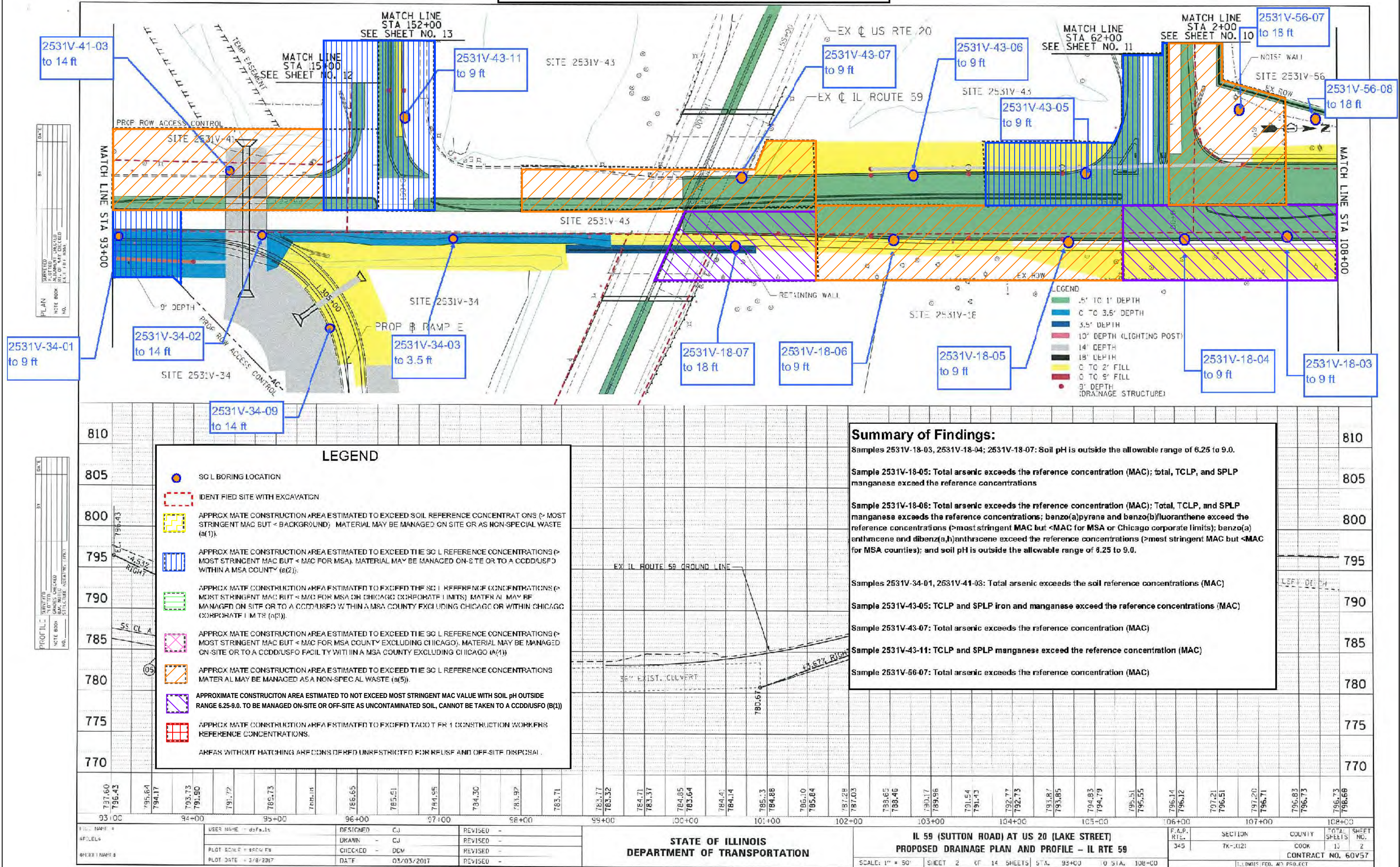


FIGURE 4-1.2 EXTENT OF POTENTIALLY IMPACTED SOIL



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

Report Date: August 07, 2017

Print Date: August 07, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-34-02 (0-7")

Work Order: 17070839 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 7/27/2017 9:53:00 AM

Lab ID: 17070839-003A

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS		SW5035/8260B		Prep Date: 7/28/2017		Analyst: ERP
Acetone	ND	0.075		mg/Kg-dry	1	8/3/2017
Benzene	ND	0.0050		mg/Kg-dry	1	8/3/2017
Bromodichloromethane	ND	0.0050		mg/Kg-dry	1	8/3/2017
Bromoform	ND	0.0050		mg/Kg-dry	1	8/3/2017
Bromomethane	ND	0.010		mg/Kg-dry	1	8/3/2017
2-Butanone	ND	0.075		mg/Kg-dry	1	8/3/2017
Carbon disulfide	ND	0.050		mg/Kg-dry	1	8/3/2017
Carbon tetrachloride	ND	0.0050		mg/Kg-dry	1	8/3/2017
Chlorobenzene	ND	0.0050		mg/Kg-dry	1	8/3/2017
Chloroethane	ND	0.010		mg/Kg-dry	1	8/3/2017
Chloroform	ND	0.0050		mg/Kg-dry	1	8/3/2017
Chloromethane	ND	0.010		mg/Kg-dry	1	8/3/2017
Dibromochloromethane	ND	0.0050		mg/Kg-dry	1	8/3/2017
1,1-Dichloroethane	ND	0.0050		mg/Kg-dry	1	8/3/2017
1,2-Dichloroethane	ND	0.0050		mg/Kg-dry	1	8/3/2017
1,1-Dichloroethene	ND	0.0050		mg/Kg-dry	1	8/3/2017
cis-1,2-Dichloroethene	ND	0.0050		mg/Kg-dry	1	8/3/2017
trans-1,2-Dichloroethene	ND	0.0050		mg/Kg-dry	1	8/3/2017
1,2-Dichloropropane	ND	0.0050		mg/Kg-dry	1	8/3/2017
cis-1,3-Dichloropropene	ND	0.0020		mg/Kg-dry	1	8/3/2017
trans-1,3-Dichloropropene	ND	0.0020		mg/Kg-dry	1	8/3/2017
Ethylbenzene	ND	0.0050		mg/Kg-dry	1	8/3/2017
2-Hexanone	ND	0.020		mg/Kg-dry	1	8/3/2017
4-Methyl-2-pentanone	ND	0.020		mg/Kg-dry	1	8/3/2017
Methylene chloride	ND	0.010		mg/Kg-dry	1	8/3/2017
Methyl tert-butyl ether	ND	0.0050		mg/Kg-dry	1	8/3/2017
Styrene	ND	0.0050		mg/Kg-dry	1	8/3/2017
1,1,2,2-Tetrachloroethane	ND	0.0050		mg/Kg-dry	1	8/3/2017
Tetrachloroethene	ND	0.0050		mg/Kg-dry	1	8/3/2017
Toluene	ND	0.0050		mg/Kg-dry	1	8/3/2017
1,1,1-Trichloroethane	ND	0.0050		mg/Kg-dry	1	8/3/2017
1,1,2-Trichloroethane	ND	0.0050		mg/Kg-dry	1	8/3/2017
Trichloroethene	ND	0.0050		mg/Kg-dry	1	8/3/2017
Vinyl chloride	ND	0.0050		mg/Kg-dry	1	8/3/2017
Xylenes, Total	ND	0.015		mg/Kg-dry	1	8/3/2017

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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Report Date: August 07, 2017

Print Date: August 07, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-34-02 (0-7")

Work Order: 17070839 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 7/27/2017 9:53:00 AM

Lab ID: 17070839-003B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS		SW8270C (SW3550B)		Prep Date: 7/31/2017		Analyst: ERP
Acenaphthene	ND	0.037		mg/Kg-dry	1	8/1/2017
Acenaphthylene	ND	0.037		mg/Kg-dry	1	8/1/2017
Aniline	ND	0.37		mg/Kg-dry	1	8/1/2017
Anthracene	ND	0.037		mg/Kg-dry	1	8/1/2017
Benz(a)anthracene	ND	0.037		mg/Kg-dry	1	8/1/2017
Benzidine	ND	0.37		mg/Kg-dry	1	8/1/2017
Benzo(a)pyrene	ND	0.037		mg/Kg-dry	1	8/1/2017
Benzo(b)fluoranthene	ND	0.037		mg/Kg-dry	1	8/1/2017
Benzo(g,h,i)perylene	ND	0.037		mg/Kg-dry	1	8/1/2017
Benzo(k)fluoranthene	ND	0.037		mg/Kg-dry	1	8/1/2017
Benzoic acid	ND	0.93		mg/Kg-dry	1	8/1/2017
Benzyl alcohol	ND	0.19		mg/Kg-dry	1	8/1/2017
Bis(2-chloroethoxy)methane	ND	0.19		mg/Kg-dry	1	8/1/2017
Bis(2-chloroethyl)ether	ND	0.19		mg/Kg-dry	1	8/1/2017
Bis(2-ethylhexyl)phthalate	ND	0.93		mg/Kg-dry	1	8/1/2017
4-Bromophenyl phenyl ether	ND	0.19		mg/Kg-dry	1	8/1/2017
Butyl benzyl phthalate	ND	0.19		mg/Kg-dry	1	8/1/2017
Carbazole	ND	0.19		mg/Kg-dry	1	8/1/2017
4-Chloroaniline	ND	0.19		mg/Kg-dry	1	8/1/2017
4-Chloro-3-methylphenol	ND	0.37		mg/Kg-dry	1	8/1/2017
2-Chloronaphthalene	ND	0.19		mg/Kg-dry	1	8/1/2017
2-Chlorophenol	ND	0.19		mg/Kg-dry	1	8/1/2017
4-Chlorophenyl phenyl ether	ND	0.19		mg/Kg-dry	1	8/1/2017
Chrysene	ND	0.037		mg/Kg-dry	1	8/1/2017
Dibenz(a,h)anthracene	ND	0.037		mg/Kg-dry	1	8/1/2017
Dibenzofuran	ND	0.19		mg/Kg-dry	1	8/1/2017
1,2-Dichlorobenzene	ND	0.19		mg/Kg-dry	1	8/1/2017
1,3-Dichlorobenzene	ND	0.19		mg/Kg-dry	1	8/1/2017
1,4-Dichlorobenzene	ND	0.19		mg/Kg-dry	1	8/1/2017
3,3'-Dichlorobenzidine	ND	0.19		mg/Kg-dry	1	8/1/2017
2,4-Dichlorophenol	ND	0.19		mg/Kg-dry	1	8/1/2017
Diethyl phthalate	ND	0.19		mg/Kg-dry	1	8/1/2017
2,4-Dimethylphenol	ND	0.19		mg/Kg-dry	1	8/1/2017
Dimethyl phthalate	ND	0.19		mg/Kg-dry	1	8/1/2017
4,6-Dinitro-2-methylphenol	ND	0.37		mg/Kg-dry	1	8/1/2017
2,4-Dinitrophenol	ND	0.93		mg/Kg-dry	1	8/1/2017
2,4-Dinitrotoluene	ND	0.037		mg/Kg-dry	1	8/1/2017
2,6-Dinitrotoluene	ND	0.037		mg/Kg-dry	1	8/1/2017

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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Lab ID: 17070839-003B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS						
	SW8270C (SW3550B)					
						Prep Date: 7/31/2017 Analyst: ERP
Di-n-butyl phthalate	ND	0.19		mg/Kg-dry	1	8/1/2017
Di-n-octyl phthalate	ND	0.19		mg/Kg-dry	1	8/1/2017
Fluoranthene	0.053	0.037		mg/Kg-dry	1	8/1/2017
Fluorene	ND	0.037		mg/Kg-dry	1	8/1/2017
Hexachlorobenzene	ND	0.19		mg/Kg-dry	1	8/1/2017
Hexachlorobutadiene	ND	0.19		mg/Kg-dry	1	8/1/2017
Hexachlorocyclopentadiene	ND	0.19		mg/Kg-dry	1	8/1/2017
Hexachloroethane	ND	0.19		mg/Kg-dry	1	8/1/2017
Indeno(1,2,3-cd)pyrene	ND	0.037		mg/Kg-dry	1	8/1/2017
Isophorone	ND	0.19		mg/Kg-dry	1	8/1/2017
2-Methylnaphthalene	ND	0.19		mg/Kg-dry	1	8/1/2017
2-Methylphenol	ND	0.19		mg/Kg-dry	1	8/1/2017
4-Methylphenol	ND	0.19		mg/Kg-dry	1	8/1/2017
Naphthalene	ND	0.037		mg/Kg-dry	1	8/1/2017
2-Nitroaniline	ND	0.19		mg/Kg-dry	1	8/1/2017
3-Nitroaniline	ND	0.19		mg/Kg-dry	1	8/1/2017
4-Nitroaniline	ND	0.19		mg/Kg-dry	1	8/1/2017
2-Nitrophenol	ND	0.19		mg/Kg-dry	1	8/1/2017
4-Nitrophenol	ND	0.37		mg/Kg-dry	1	8/1/2017
Nitrobenzene	ND	0.037		mg/Kg-dry	1	8/1/2017
N-Nitrosodi-n-propylamine	ND	0.037		mg/Kg-dry	1	8/1/2017
N-Nitrosodimethylamine	ND	0.19		mg/Kg-dry	1	8/1/2017
N-Nitrosodiphenylamine	ND	0.19		mg/Kg-dry	1	8/1/2017
2, 2'-oxybis(1-Chloropropane)	ND	0.19		mg/Kg-dry	1	8/1/2017
Pentachlorophenol	ND	0.075		mg/Kg-dry	1	8/1/2017
Phenanthrene	ND	0.037		mg/Kg-dry	1	8/1/2017
Phenol	ND	0.19		mg/Kg-dry	1	8/1/2017
Pyrene	0.041	0.037		mg/Kg-dry	1	8/1/2017
Pyridine	ND	0.75		mg/Kg-dry	1	8/1/2017
1,2,4-Trichlorobenzene	ND	0.19		mg/Kg-dry	1	8/1/2017
2,4,5-Trichlorophenol	ND	0.19		mg/Kg-dry	1	8/1/2017
2,4,6-Trichlorophenol	ND	0.19		mg/Kg-dry	1	8/1/2017
Metals by ICP/MS						
	SW6020 (SW3050B)					
						Prep Date: 8/1/2017 Analyst: JG
Aluminum	13000	19		mg/Kg-dry	10	8/2/2017
Antimony	ND	1.9		mg/Kg-dry	10	8/2/2017
Arsenic	6.8	0.97		mg/Kg-dry	10	8/2/2017
Barium	170	0.97		mg/Kg-dry	10	8/2/2017
Beryllium	0.90	0.49		mg/Kg-dry	10	8/2/2017

Qualifiers:

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E - Value above quantitation range

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

Report Date: August 07, 2017

Print Date: August 07, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-34-02 (0-7")

Work Order: 17070839 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL

Collection Date: 7/27/2017 9:53:00 AM

Lab ID: 17070839-003B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed

Metals by ICP/MS

SW6020 (SW3050B)

Prep Date: 8/1/2017

Analyst: JG

Cadmium	0.56	0.49		mg/Kg-dry	10	8/2/2017
Calcium	49000	58		mg/Kg-dry	10	8/2/2017
Chromium	18	0.97		mg/Kg-dry	10	8/2/2017
Cobalt	8.6	0.97		mg/Kg-dry	10	8/2/2017
Copper	27	2.4		mg/Kg-dry	10	8/2/2017
Iron	20000	29		mg/Kg-dry	10	8/2/2017
Lead	25	0.49		mg/Kg-dry	10	8/2/2017
Magnesium	25000	29		mg/Kg-dry	10	8/2/2017
Manganese	440	0.97		mg/Kg-dry	10	8/2/2017
Nickel	27	0.97		mg/Kg-dry	10	8/2/2017
Potassium	1200	29		mg/Kg-dry	10	8/2/2017
Selenium	ND	0.97		mg/Kg-dry	10	8/2/2017
Silver	ND	0.97		mg/Kg-dry	10	8/2/2017
Sodium	1300	58		mg/Kg-dry	10	8/2/2017
Thallium	ND	0.97		mg/Kg-dry	10	8/2/2017
Vanadium	26	0.97		mg/Kg-dry	10	8/2/2017
Zinc	85	4.9		mg/Kg-dry	10	8/2/2017

SPLP Metals by ICP/MS

SW1312/6020 (SW3005A)

Prep Date: 7/31/2017

Analyst: JG

Arsenic	0.0057	0.0040		mg/L	2	8/1/2017
Barium	0.035	0.020		mg/L	2	8/1/2017
Beryllium	ND	0.0020		mg/L	2	8/1/2017
Cadmium	ND	0.0020		mg/L	2	8/1/2017
Chromium	0.0044	0.0040		mg/L	2	8/1/2017
Cobalt	ND	0.0040		mg/L	2	8/1/2017
Copper	ND	0.040		mg/L	2	8/1/2017
Iron	1.5	0.10		mg/L	2	8/1/2017
Lead	0.0036	0.0020		mg/L	2	8/1/2017
Manganese	0.015	0.0040		mg/L	2	8/1/2017
Nickel	ND	0.0040		mg/L	2	8/1/2017
Selenium	ND	0.0040		mg/L	2	8/1/2017
Silver	ND	0.0040		mg/L	2	8/1/2017
Zinc	ND	0.020		mg/L	2	8/1/2017

TCLP Metals by ICP/MS

SW1311/6020 (SW3005A)

Prep Date: 7/31/2017

Analyst: JG

Arsenic	ND	0.010		mg/L	5	8/2/2017
Barium	0.65	0.050		mg/L	5	8/2/2017
Beryllium	ND	0.0050		mg/L	5	8/2/2017
Cadmium	ND	0.0050		mg/L	5	8/2/2017

Qualifiers:

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E - Value above quantitation range

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

Report Date: August 07, 2017

Print Date: August 07, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-34-02 (0-7')

Work Order: 17070839 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 7/27/2017 9:53:00 AM

Lab ID: 17070839-003B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
TCLP Metals by ICP/MS	SW1311/6020 (SW3005A)		Prep Date: 7/31/2017		Analyst: JG	
Chromium	ND	0.010		mg/L	5	8/2/2017
Cobalt	ND	0.010		mg/L	5	8/2/2017
Copper	ND	0.10		mg/L	5	8/2/2017
Iron	ND	0.25		mg/L	5	8/2/2017
Lead	ND	0.0050		mg/L	5	8/2/2017
Manganese	0.24	0.010		mg/L	5	8/2/2017
Nickel	ND	0.010		mg/L	5	8/2/2017
Selenium	ND	0.010		mg/L	5	8/2/2017
Silver	ND	0.010		mg/L	5	8/2/2017
Zinc	0.053	0.050		mg/L	5	8/2/2017
TCLP Mercury	SW1311/7470A		Prep Date: 8/2/2017		Analyst: LB	
Mercury	ND	0.00020		mg/L	1	8/2/2017
SPLP Mercury	SW1312/7470A		Prep Date: 7/31/2017		Analyst: LB	
Mercury	ND	0.00025		mg/L	1	7/31/2017
Mercury	SW7471A		Prep Date: 7/28/2017		Analyst: LB	
Mercury	0.031	0.021		mg/Kg-dry	1	7/31/2017
pH (25 °C)	SW9045C		Prep Date: 7/28/2017		Analyst: VA	
pH	8.36			pH Units	1	7/28/2017
Percent Moisture	D2974		Prep Date: 7/28/2017		Analyst: KKA	
Percent Moisture	10.4	0.2	*	wt%	1	7/29/2017

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Report Date: August 07, 2017

Print Date: August 07, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-34-02 (7-14')

Work Order: 17070839 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL

Collection Date: 7/27/2017 9:56:00 AM

Lab ID: 17070839-004A

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS		SW5035/8260B			Prep Date: 7/28/2017	Analyst: ERP
Acetone	ND	0.066		mg/Kg-dry	1	8/3/2017
Benzene	ND	0.0044		mg/Kg-dry	1	8/3/2017
Bromodichloromethane	ND	0.0044		mg/Kg-dry	1	8/3/2017
Bromoform	ND	0.0044		mg/Kg-dry	1	8/3/2017
Bromomethane	ND	0.0088		mg/Kg-dry	1	8/3/2017
2-Butanone	ND	0.066		mg/Kg-dry	1	8/3/2017
Carbon disulfide	ND	0.044		mg/Kg-dry	1	8/3/2017
Carbon tetrachloride	ND	0.0044		mg/Kg-dry	1	8/3/2017
Chlorobenzene	ND	0.0044		mg/Kg-dry	1	8/3/2017
Chloroethane	ND	0.0088		mg/Kg-dry	1	8/3/2017
Chloroform	ND	0.0044		mg/Kg-dry	1	8/3/2017
Chloromethane	ND	0.0088		mg/Kg-dry	1	8/3/2017
Dibromochloromethane	ND	0.0044		mg/Kg-dry	1	8/3/2017
1,1-Dichloroethane	ND	0.0044		mg/Kg-dry	1	8/3/2017
1,2-Dichloroethane	ND	0.0044		mg/Kg-dry	1	8/3/2017
1,1-Dichloroethene	ND	0.0044		mg/Kg-dry	1	8/3/2017
cis-1,2-Dichloroethene	ND	0.0044		mg/Kg-dry	1	8/3/2017
trans-1,2-Dichloroethene	ND	0.0044		mg/Kg-dry	1	8/3/2017
1,2-Dichloropropane	ND	0.0044		mg/Kg-dry	1	8/3/2017
cis-1,3-Dichloropropene	ND	0.0018		mg/Kg-dry	1	8/3/2017
trans-1,3-Dichloropropene	ND	0.0018		mg/Kg-dry	1	8/3/2017
Ethylbenzene	ND	0.0044		mg/Kg-dry	1	8/3/2017
2-Hexanone	ND	0.018		mg/Kg-dry	1	8/3/2017
4-Methyl-2-pentanone	ND	0.018		mg/Kg-dry	1	8/3/2017
Methylene chloride	ND	0.0088		mg/Kg-dry	1	8/3/2017
Methyl tert-butyl ether	ND	0.0044		mg/Kg-dry	1	8/3/2017
Styrene	ND	0.0044		mg/Kg-dry	1	8/3/2017
1,1,2,2-Tetrachloroethane	ND	0.0044		mg/Kg-dry	1	8/3/2017
Tetrachloroethene	ND	0.0044		mg/Kg-dry	1	8/3/2017
Toluene	ND	0.0044		mg/Kg-dry	1	8/3/2017
1,1,1-Trichloroethane	ND	0.0044		mg/Kg-dry	1	8/3/2017
1,1,2-Trichloroethane	ND	0.0044		mg/Kg-dry	1	8/3/2017
Trichloroethene	ND	0.0044		mg/Kg-dry	1	8/3/2017
Vinyl chloride	ND	0.0044		mg/Kg-dry	1	8/3/2017
Xylenes, Total	ND	0.013		mg/Kg-dry	1	8/3/2017

Qualifiers:

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Report Date: August 07, 2017

Print Date: August 07, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-34-02 (7-14')

Work Order: 17070839 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL

Collection Date: 7/27/2017 9:56:00 AM

Lab ID: 17070839-004B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS		SW8270C (SW3550B)		Prep Date: 7/31/2017		Analyst: ERP
Acenaphthene	ND	0.039		mg/Kg-dry	1	8/1/2017
Acenaphthylene	ND	0.039		mg/Kg-dry	1	8/1/2017
Aniline	ND	0.39		mg/Kg-dry	1	8/1/2017
Anthracene	ND	0.039		mg/Kg-dry	1	8/1/2017
Benz(a)anthracene	ND	0.039		mg/Kg-dry	1	8/1/2017
Benzidine	ND	0.39		mg/Kg-dry	1	8/1/2017
Benzo(a)pyrene	ND	0.039		mg/Kg-dry	1	8/1/2017
Benzo(b)fluoranthene	ND	0.039		mg/Kg-dry	1	8/1/2017
Benzo(g,h,i)perylene	ND	0.039		mg/Kg-dry	1	8/1/2017
Benzo(k)fluoranthene	ND	0.039		mg/Kg-dry	1	8/1/2017
Benzoic acid	ND	0.97		mg/Kg-dry	1	8/1/2017
Benzyl alcohol	ND	0.20		mg/Kg-dry	1	8/1/2017
Bis(2-chloroethoxy)methane	ND	0.20		mg/Kg-dry	1	8/1/2017
Bis(2-chloroethyl)ether	ND	0.20		mg/Kg-dry	1	8/1/2017
Bis(2-ethylhexyl)phthalate	ND	0.97		mg/Kg-dry	1	8/1/2017
4-Bromophenyl phenyl ether	ND	0.20		mg/Kg-dry	1	8/1/2017
Butyl benzyl phthalate	ND	0.20		mg/Kg-dry	1	8/1/2017
Carbazole	ND	0.20		mg/Kg-dry	1	8/1/2017
4-Chloroaniline	ND	0.20		mg/Kg-dry	1	8/1/2017
4-Chloro-3-methylphenol	ND	0.39		mg/Kg-dry	1	8/1/2017
2-Chloronaphthalene	ND	0.20		mg/Kg-dry	1	8/1/2017
2-Chlorophenol	ND	0.20		mg/Kg-dry	1	8/1/2017
4-Chlorophenyl phenyl ether	ND	0.20		mg/Kg-dry	1	8/1/2017
Chrysene	ND	0.039		mg/Kg-dry	1	8/1/2017
Dibenz(a,h)anthracene	ND	0.039		mg/Kg-dry	1	8/1/2017
Dibenzofuran	ND	0.20		mg/Kg-dry	1	8/1/2017
1,2-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	8/1/2017
1,3-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	8/1/2017
1,4-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	8/1/2017
3,3'-Dichlorobenzidine	ND	0.20		mg/Kg-dry	1	8/1/2017
2,4-Dichlorophenol	ND	0.20		mg/Kg-dry	1	8/1/2017
Diethyl phthalate	ND	0.20		mg/Kg-dry	1	8/1/2017
2,4-Dimethylphenol	ND	0.20		mg/Kg-dry	1	8/1/2017
Dimethyl phthalate	ND	0.20		mg/Kg-dry	1	8/1/2017
4,6-Dinitro-2-methylphenol	ND	0.39		mg/Kg-dry	1	8/1/2017
2,4-Dinitrophenol	ND	0.97		mg/Kg-dry	1	8/1/2017
2,4-Dinitrotoluene	ND	0.039		mg/Kg-dry	1	8/1/2017
2,6-Dinitrotoluene	ND	0.039		mg/Kg-dry	1	8/1/2017

Qualifiers:

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Report Date: August 07, 2017

Print Date: August 07, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-34-02 (7-14')

Work Order: 17070839 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL

Collection Date: 7/27/2017 9:56:00 AM

Lab ID: 17070839-004B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS						
	SW8270C (SW3550B)					Prep Date: 7/31/2017 Analyst: ERP
Di-n-butyl phthalate	ND	0.20		mg/Kg-dry	1	8/1/2017
Di-n-octyl phthalate	ND	0.20		mg/Kg-dry	1	8/1/2017
Fluoranthene	ND	0.039		mg/Kg-dry	1	8/1/2017
Fluorene	ND	0.039		mg/Kg-dry	1	8/1/2017
Hexachlorobenzene	ND	0.20		mg/Kg-dry	1	8/1/2017
Hexachlorobutadiene	ND	0.20		mg/Kg-dry	1	8/1/2017
Hexachlorocyclopentadiene	ND	0.20		mg/Kg-dry	1	8/1/2017
Hexachloroethane	ND	0.20		mg/Kg-dry	1	8/1/2017
Indeno(1,2,3-cd)pyrene	ND	0.039		mg/Kg-dry	1	8/1/2017
Isophorone	ND	0.20		mg/Kg-dry	1	8/1/2017
2-Methylnaphthalene	ND	0.20		mg/Kg-dry	1	8/1/2017
2-Methylphenol	ND	0.20		mg/Kg-dry	1	8/1/2017
4-Methylphenol	ND	0.20		mg/Kg-dry	1	8/1/2017
Naphthalene	ND	0.039		mg/Kg-dry	1	8/1/2017
2-Nitroaniline	ND	0.20		mg/Kg-dry	1	8/1/2017
3-Nitroaniline	ND	0.20		mg/Kg-dry	1	8/1/2017
4-Nitroaniline	ND	0.20		mg/Kg-dry	1	8/1/2017
2-Nitrophenol	ND	0.20		mg/Kg-dry	1	8/1/2017
4-Nitrophenol	ND	0.39		mg/Kg-dry	1	8/1/2017
Nitrobenzene	ND	0.039		mg/Kg-dry	1	8/1/2017
N-Nitrosodi-n-propylamine	ND	0.039		mg/Kg-dry	1	8/1/2017
N-Nitrosodimethylamine	ND	0.20		mg/Kg-dry	1	8/1/2017
N-Nitrosodiphenylamine	ND	0.20		mg/Kg-dry	1	8/1/2017
2, 2'-oxybis(1-Chloropropane)	ND	0.20		mg/Kg-dry	1	8/1/2017
Pentachlorophenol	ND	0.078		mg/Kg-dry	1	8/1/2017
Phenanthrene	ND	0.039		mg/Kg-dry	1	8/1/2017
Phenol	ND	0.20		mg/Kg-dry	1	8/1/2017
Pyrene	ND	0.039		mg/Kg-dry	1	8/1/2017
Pyridine	ND	0.78		mg/Kg-dry	1	8/1/2017
1,2,4-Trichlorobenzene	ND	0.20		mg/Kg-dry	1	8/1/2017
2,4,5-Trichlorophenol	ND	0.20		mg/Kg-dry	1	8/1/2017
2,4,6-Trichlorophenol	ND	0.20		mg/Kg-dry	1	8/1/2017
Metals by ICP/MS						
	SW6020 (SW3050B)					Prep Date: 8/1/2017 Analyst: JG
Aluminum	9900	20		mg/Kg-dry	10	8/2/2017
Antimony	ND	2.0		mg/Kg-dry	10	8/2/2017
Arsenic	3.7	0.98		mg/Kg-dry	10	8/2/2017
Barium	45	0.98		mg/Kg-dry	10	8/2/2017
Beryllium	0.60	0.49		mg/Kg-dry	10	8/2/2017

Qualifiers:

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Report Date: August 07, 2017

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ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-34-02 (7-14')

Work Order: 17070839 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL

Collection Date: 7/27/2017 9:56:00 AM

Lab ID: 17070839-004B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed

Metals by ICP/MS

SW6020 (SW3050B)

Prep Date: 8/1/2017

Analyst: JG

Cadmium	ND	0.49		mg/Kg-dry	10	8/2/2017
Calcium	93000	59		mg/Kg-dry	10	8/2/2017
Chromium	16	0.98		mg/Kg-dry	10	8/2/2017
Cobalt	13	0.98		mg/Kg-dry	10	8/2/2017
Copper	26	2.5		mg/Kg-dry	10	8/2/2017
Iron	26000	30		mg/Kg-dry	10	8/2/2017
Lead	17	0.49		mg/Kg-dry	10	8/2/2017
Magnesium	50000	30		mg/Kg-dry	10	8/2/2017
Manganese	670	0.98		mg/Kg-dry	10	8/2/2017
Nickel	34	0.98		mg/Kg-dry	10	8/2/2017
Potassium	2000	30		mg/Kg-dry	10	8/2/2017
Selenium	1.1	0.98		mg/Kg-dry	10	8/2/2017
Silver	ND	0.98		mg/Kg-dry	10	8/2/2017
Sodium	780	59		mg/Kg-dry	10	8/2/2017
Thallium	ND	0.98		mg/Kg-dry	10	8/2/2017
Vanadium	19	0.98		mg/Kg-dry	10	8/2/2017
Zinc	79	4.9		mg/Kg-dry	10	8/2/2017

SPLP Metals by ICP/MS

SW1312/6020 (SW3005A)

Prep Date: 7/31/2017

Analyst: JG

Arsenic	ND	0.0040		mg/L	2	8/1/2017
Barium	0.046	0.020		mg/L	2	8/1/2017
Beryllium	ND	0.0020		mg/L	2	8/1/2017
Cadmium	ND	0.0020		mg/L	2	8/1/2017
Chromium	ND	0.0040		mg/L	2	8/1/2017
Cobalt	ND	0.0040		mg/L	2	8/1/2017
Copper	ND	0.040		mg/L	2	8/1/2017
Iron	ND	0.10		mg/L	2	8/1/2017
Lead	ND	0.0020		mg/L	2	8/1/2017
Manganese	ND	0.0040		mg/L	2	8/1/2017
Nickel	ND	0.0040		mg/L	2	8/1/2017
Selenium	ND	0.0040		mg/L	2	8/1/2017
Silver	ND	0.0040		mg/L	2	8/1/2017
Zinc	ND	0.020		mg/L	2	8/1/2017

TCLP Metals by ICP/MS

SW1311/6020 (SW3005A)

Prep Date: 8/2/2017

Analyst: JG

Arsenic	ND	0.010		mg/L	5	8/2/2017
Barium	0.59	0.050		mg/L	5	8/2/2017
Beryllium	ND	0.0050		mg/L	5	8/2/2017
Cadmium	ND	0.0050		mg/L	5	8/2/2017

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

Report Date: August 07, 2017

Print Date: August 07, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-34-02 (7-14')

Work Order: 17070839 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL

Collection Date: 7/27/2017 9:56:00 AM

Lab ID: 17070839-004B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
TCLP Metals by ICP/MS	SW1311/6020 (SW3005A)		Prep Date: 8/2/2017		Analyst: JG	
Chromium	ND	0.010		mg/L	5	8/2/2017
Cobalt	0.050	0.010		mg/L	5	8/2/2017
Copper	ND	0.10		mg/L	5	8/2/2017
Iron	0.27	0.25		mg/L	5	8/2/2017
Lead	ND	0.0050		mg/L	5	8/2/2017
Manganese	7.5	0.010		mg/L	5	8/2/2017
Nickel	0.023	0.010		mg/L	5	8/2/2017
Selenium	ND	0.010		mg/L	5	8/2/2017
Silver	ND	0.010		mg/L	5	8/2/2017
Zinc	0.18	0.050		mg/L	5	8/2/2017
TCLP Mercury	SW1311/7470A		Prep Date: 8/2/2017		Analyst: LB	
Mercury	ND	0.00020		mg/L	1	8/2/2017
SPLP Mercury	SW1312/7470A		Prep Date: 7/31/2017		Analyst: LB	
Mercury	ND	0.00025		mg/L	1	7/31/2017
Mercury	SW7471A		Prep Date: 7/28/2017		Analyst: LB	
Mercury	ND	0.018		mg/Kg-dry	1	7/31/2017
pH (25 °C)	SW9045C		Prep Date: 7/28/2017		Analyst: VA	
pH	7.86			pH Units	1	7/28/2017
Percent Moisture	D2974		Prep Date: 7/28/2017		Analyst: KKA	
Percent Moisture	14.7	0.2	*	wt%	1	7/29/2017

Qualifiers:

ND - Not Detected at the Reporting Limit

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B - Analyte detected in the associated Method Blank

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E - Value above quantitation range

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

Report Date: August 07, 2017

Print Date: August 07, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-34-03 (0-3.5')

Work Order: 17070839 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 7/27/2017 10:03:00 AM

Lab ID: 17070839-005A

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS		SW5035/8260B			Prep Date: 7/28/2017	Analyst: ERP
Acetone	ND	0.072		mg/Kg-dry	1	8/3/2017
Benzene	ND	0.0048		mg/Kg-dry	1	8/3/2017
Bromodichloromethane	ND	0.0048		mg/Kg-dry	1	8/3/2017
Bromoform	ND	0.0048		mg/Kg-dry	1	8/3/2017
Bromomethane	ND	0.0096		mg/Kg-dry	1	8/3/2017
2-Butanone	ND	0.072		mg/Kg-dry	1	8/3/2017
Carbon disulfide	ND	0.048		mg/Kg-dry	1	8/3/2017
Carbon tetrachloride	ND	0.0048		mg/Kg-dry	1	8/3/2017
Chlorobenzene	ND	0.0048		mg/Kg-dry	1	8/3/2017
Chloroethane	ND	0.0096		mg/Kg-dry	1	8/3/2017
Chloroform	ND	0.0048		mg/Kg-dry	1	8/3/2017
Chloromethane	ND	0.0096		mg/Kg-dry	1	8/3/2017
Dibromochloromethane	ND	0.0048		mg/Kg-dry	1	8/3/2017
1,1-Dichloroethane	ND	0.0048		mg/Kg-dry	1	8/3/2017
1,2-Dichloroethane	ND	0.0048		mg/Kg-dry	1	8/3/2017
1,1-Dichloroethene	ND	0.0048		mg/Kg-dry	1	8/3/2017
cis-1,2-Dichloroethene	ND	0.0048		mg/Kg-dry	1	8/3/2017
trans-1,2-Dichloroethene	ND	0.0048		mg/Kg-dry	1	8/3/2017
1,2-Dichloropropane	ND	0.0048		mg/Kg-dry	1	8/3/2017
cis-1,3-Dichloropropene	ND	0.0019		mg/Kg-dry	1	8/3/2017
trans-1,3-Dichloropropene	ND	0.0019		mg/Kg-dry	1	8/3/2017
Ethylbenzene	ND	0.0048		mg/Kg-dry	1	8/3/2017
2-Hexanone	ND	0.019		mg/Kg-dry	1	8/3/2017
4-Methyl-2-pentanone	ND	0.019		mg/Kg-dry	1	8/3/2017
Methylene chloride	ND	0.0096		mg/Kg-dry	1	8/3/2017
Methyl tert-butyl ether	ND	0.0048		mg/Kg-dry	1	8/3/2017
Styrene	ND	0.0048		mg/Kg-dry	1	8/3/2017
1,1,2,2-Tetrachloroethane	ND	0.0048		mg/Kg-dry	1	8/3/2017
Tetrachloroethene	ND	0.0048		mg/Kg-dry	1	8/3/2017
Toluene	ND	0.0048		mg/Kg-dry	1	8/3/2017
1,1,1-Trichloroethane	ND	0.0048		mg/Kg-dry	1	8/3/2017
1,1,2-Trichloroethane	ND	0.0048		mg/Kg-dry	1	8/3/2017
Trichloroethene	ND	0.0048		mg/Kg-dry	1	8/3/2017
Vinyl chloride	ND	0.0048		mg/Kg-dry	1	8/3/2017
Xylenes, Total	ND	0.014		mg/Kg-dry	1	8/3/2017

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

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Report Date: August 07, 2017

Print Date: August 07, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-34-03 (0-3.5')

Work Order: 17070839 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 7/27/2017 10:03:00 AM

Lab ID: 17070839-005B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed

Semivolatile Organic Compounds by GC/MS	SW8270C (SW3550B)			Prep Date: 7/31/2017		Analyst: DM

Acenaphthene	ND	0.037		mg/Kg-dry	1	8/1/2017
Acenaphthylene	ND	0.037		mg/Kg-dry	1	8/1/2017
Aniline	ND	0.37		mg/Kg-dry	1	8/1/2017
Anthracene	ND	0.037		mg/Kg-dry	1	8/1/2017
Benz(a)anthracene	ND	0.037		mg/Kg-dry	1	8/1/2017
Benzidine	ND	0.37		mg/Kg-dry	1	8/1/2017
Benzo(a)pyrene	ND	0.037		mg/Kg-dry	1	8/1/2017
Benzo(b)fluoranthene	ND	0.037		mg/Kg-dry	1	8/1/2017
Benzo(g,h,i)perylene	ND	0.037		mg/Kg-dry	1	8/1/2017
Benzo(k)fluoranthene	ND	0.037		mg/Kg-dry	1	8/1/2017
Benzoic acid	ND	0.92		mg/Kg-dry	1	8/1/2017
Benzyl alcohol	ND	0.19		mg/Kg-dry	1	8/1/2017
Bis(2-chloroethoxy)methane	ND	0.19		mg/Kg-dry	1	8/1/2017
Bis(2-chloroethyl)ether	ND	0.19		mg/Kg-dry	1	8/1/2017
Bis(2-ethylhexyl)phthalate	ND	0.92		mg/Kg-dry	1	8/1/2017
4-Bromophenyl phenyl ether	ND	0.19		mg/Kg-dry	1	8/1/2017
Butyl benzyl phthalate	ND	0.19		mg/Kg-dry	1	8/1/2017
Carbazole	ND	0.19		mg/Kg-dry	1	8/1/2017
4-Chloroaniline	ND	0.19		mg/Kg-dry	1	8/1/2017
4-Chloro-3-methylphenol	ND	0.37		mg/Kg-dry	1	8/1/2017
2-Chloronaphthalene	ND	0.19		mg/Kg-dry	1	8/1/2017
2-Chlorophenol	ND	0.19		mg/Kg-dry	1	8/1/2017
4-Chlorophenyl phenyl ether	ND	0.19		mg/Kg-dry	1	8/1/2017
Chrysene	ND	0.037		mg/Kg-dry	1	8/1/2017
Dibenz(a,h)anthracene	ND	0.037		mg/Kg-dry	1	8/1/2017
Dibenzofuran	ND	0.19		mg/Kg-dry	1	8/1/2017
1,2-Dichlorobenzene	ND	0.19		mg/Kg-dry	1	8/1/2017
1,3-Dichlorobenzene	ND	0.19		mg/Kg-dry	1	8/1/2017
1,4-Dichlorobenzene	ND	0.19		mg/Kg-dry	1	8/1/2017
3,3'-Dichlorobenzidine	ND	0.19		mg/Kg-dry	1	8/1/2017
2,4-Dichlorophenol	ND	0.19		mg/Kg-dry	1	8/1/2017
Diethyl phthalate	ND	0.19		mg/Kg-dry	1	8/1/2017
2,4-Dimethylphenol	ND	0.19		mg/Kg-dry	1	8/1/2017
Dimethyl phthalate	ND	0.19		mg/Kg-dry	1	8/1/2017
4,6-Dinitro-2-methylphenol	ND	0.37		mg/Kg-dry	1	8/1/2017
2,4-Dinitrophenol	ND	0.92		mg/Kg-dry	1	8/1/2017
2,4-Dinitrotoluene	ND	0.037		mg/Kg-dry	1	8/1/2017
2,6-Dinitrotoluene	ND	0.037		mg/Kg-dry	1	8/1/2017

Qualifiers:

ND - Not Detected at the Reporting Limit

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

Report Date: August 07, 2017

Print Date: August 07, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-34-03 (0-3.5')

Work Order: 17070839 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 7/27/2017 10:03:00 AM

Lab ID: 17070839-005B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed

Semivolatile Organic Compounds by GC/MS SW8270C (SW3550B) Prep Date: 7/31/2017 Analyst: DM

Di-n-butyl phthalate	ND	0.19		mg/Kg-dry	1	8/1/2017
Di-n-octyl phthalate	ND	0.19		mg/Kg-dry	1	8/1/2017
Fluoranthene	ND	0.037		mg/Kg-dry	1	8/1/2017
Fluorene	ND	0.037		mg/Kg-dry	1	8/1/2017
Hexachlorobenzene	ND	0.19		mg/Kg-dry	1	8/1/2017
Hexachlorobutadiene	ND	0.19		mg/Kg-dry	1	8/1/2017
Hexachlorocyclopentadiene	ND	0.19		mg/Kg-dry	1	8/1/2017
Hexachloroethane	ND	0.19		mg/Kg-dry	1	8/1/2017
Indeno(1,2,3-cd)pyrene	ND	0.037		mg/Kg-dry	1	8/1/2017
Isophorone	ND	0.19		mg/Kg-dry	1	8/1/2017
2-Methylnaphthalene	ND	0.19		mg/Kg-dry	1	8/1/2017
2-Methylphenol	ND	0.19		mg/Kg-dry	1	8/1/2017
4-Methylphenol	ND	0.19		mg/Kg-dry	1	8/1/2017
Naphthalene	ND	0.037		mg/Kg-dry	1	8/1/2017
2-Nitroaniline	ND	0.19		mg/Kg-dry	1	8/1/2017
3-Nitroaniline	ND	0.19		mg/Kg-dry	1	8/1/2017
4-Nitroaniline	ND	0.19		mg/Kg-dry	1	8/1/2017
2-Nitrophenol	ND	0.19		mg/Kg-dry	1	8/1/2017
4-Nitrophenol	ND	0.37		mg/Kg-dry	1	8/1/2017
Nitrobenzene	ND	0.037		mg/Kg-dry	1	8/1/2017
N-Nitrosodi-n-propylamine	ND	0.037		mg/Kg-dry	1	8/1/2017
N-Nitrosodimethylamine	ND	0.19		mg/Kg-dry	1	8/1/2017
N-Nitrosodiphenylamine	ND	0.19		mg/Kg-dry	1	8/1/2017
2, 2'-oxybis(1-Chloropropane)	ND	0.19		mg/Kg-dry	1	8/1/2017
Pentachlorophenol	ND	0.074		mg/Kg-dry	1	8/1/2017
Phenanthrene	ND	0.037		mg/Kg-dry	1	8/1/2017
Phenol	ND	0.19		mg/Kg-dry	1	8/1/2017
Pyrene	ND	0.037		mg/Kg-dry	1	8/1/2017
Pyridine	ND	0.74		mg/Kg-dry	1	8/1/2017
1,2,4-Trichlorobenzene	ND	0.19		mg/Kg-dry	1	8/1/2017
2,4,5-Trichlorophenol	ND	0.19		mg/Kg-dry	1	8/1/2017
2,4,6-Trichlorophenol	ND	0.19		mg/Kg-dry	1	8/1/2017

Metals by ICP/MS SW6020 (SW3050B) Prep Date: 8/1/2017 Analyst: JG

Aluminum	13000	19		mg/Kg-dry	10	8/2/2017
Antimony	ND	1.9		mg/Kg-dry	10	8/2/2017
Arsenic	9.8	0.96		mg/Kg-dry	10	8/2/2017
Barium	100	0.96		mg/Kg-dry	10	8/2/2017
Beryllium	0.80	0.48		mg/Kg-dry	10	8/2/2017

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

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E - Value above quantitation range

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

Report Date: August 07, 2017

Print Date: August 07, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-34-03 (0-3.5')

Work Order: 17070839 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 7/27/2017 10:03:00 AM

Lab ID: 17070839-005B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed

Metals by ICP/MS

SW6020 (SW3050B)

Prep Date: 8/1/2017

Analyst: JG

Cadmium	ND	0.48		mg/Kg-dry	10	8/2/2017
Calcium	60000	58		mg/Kg-dry	10	8/2/2017
Chromium	20	0.96		mg/Kg-dry	10	8/2/2017
Cobalt	9.9	0.96		mg/Kg-dry	10	8/2/2017
Copper	22	2.4		mg/Kg-dry	10	8/2/2017
Iron	24000	29		mg/Kg-dry	10	8/2/2017
Lead	64	0.48		mg/Kg-dry	10	8/2/2017
Magnesium	31000	29		mg/Kg-dry	10	8/2/2017
Manganese	560	0.96		mg/Kg-dry	10	8/2/2017
Nickel	25	0.96		mg/Kg-dry	10	8/2/2017
Potassium	1500	29		mg/Kg-dry	10	8/2/2017
Selenium	ND	0.96		mg/Kg-dry	10	8/2/2017
Silver	ND	0.96		mg/Kg-dry	10	8/2/2017
Sodium	2400	58		mg/Kg-dry	10	8/2/2017
Thallium	ND	0.96		mg/Kg-dry	10	8/2/2017
Vanadium	27	0.96		mg/Kg-dry	10	8/2/2017
Zinc	89	4.8		mg/Kg-dry	10	8/2/2017

SPLP Metals by ICP/MS

SW1312/6020 (SW3005A)

Prep Date: 7/31/2017

Analyst: JG

Arsenic	0.0097	0.0040		mg/L	2	8/1/2017
Barium	0.12	0.020		mg/L	2	8/1/2017
Beryllium	ND	0.0020		mg/L	2	8/1/2017
Cadmium	ND	0.0020		mg/L	2	8/1/2017
Chromium	0.015	0.0040		mg/L	2	8/1/2017
Cobalt	0.0041	0.0040		mg/L	2	8/1/2017
Copper	ND	0.040		mg/L	2	8/1/2017
Iron	14	0.10		mg/L	2	8/1/2017
Lead	0.011	0.0020		mg/L	2	8/1/2017
Manganese	0.12	0.0040		mg/L	2	8/1/2017
Nickel	0.015	0.0040		mg/L	2	8/1/2017
Selenium	ND	0.0040		mg/L	2	8/1/2017
Silver	ND	0.0040		mg/L	2	8/1/2017
Zinc	0.060	0.020		mg/L	2	8/1/2017

TCLP Metals by ICP/MS

SW1311/6020 (SW3005A)

Prep Date: 7/31/2017

Analyst: JG

Arsenic	ND	0.010		mg/L	5	8/2/2017
Barium	0.87	0.050		mg/L	5	8/2/2017
Beryllium	ND	0.0050		mg/L	5	8/2/2017
Cadmium	ND	0.0050		mg/L	5	8/2/2017

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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Report Date: August 07, 2017

Print Date: August 07, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-34-03 (0-3.5')

Work Order: 17070839 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL

Collection Date: 7/27/2017 10:03:00 AM

Lab ID: 17070839-005B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
TCLP Metals by ICP/MS	SW1311/6020 (SW3005A)		Prep Date: 7/31/2017		Analyst: JG	
Chromium	ND	0.010		mg/L	5	8/2/2017
Cobalt	ND	0.010		mg/L	5	8/2/2017
Copper	ND	0.10		mg/L	5	8/2/2017
Iron	ND	0.25		mg/L	5	8/2/2017
Lead	ND	0.0050		mg/L	5	8/2/2017
Manganese	0.78	0.010		mg/L	5	8/2/2017
Nickel	ND	0.010		mg/L	5	8/2/2017
Selenium	ND	0.010		mg/L	5	8/2/2017
Silver	ND	0.010		mg/L	5	8/2/2017
Zinc	0.14	0.050		mg/L	5	8/2/2017
TCLP Mercury	SW1311/7470A		Prep Date: 8/2/2017		Analyst: LB	
Mercury	ND	0.00020		mg/L	1	8/2/2017
SPLP Mercury	SW1312/7470A		Prep Date: 7/31/2017		Analyst: LB	
Mercury	ND	0.00025		mg/L	1	7/31/2017
Mercury	SW7471A		Prep Date: 7/28/2017		Analyst: LB	
Mercury	ND	0.019		mg/Kg-dry	1	7/31/2017
pH (25 °C)	SW9045C		Prep Date: 7/31/2017		Analyst: RW	
pH	8.86			pH Units	1	7/31/2017
Percent Moisture	D2974		Prep Date: 7/28/2017		Analyst: KKA	
Percent Moisture	10.2	0.2	*	wt%	1	7/29/2017

Qualifiers:

ND - Not Detected at the Reporting Limit

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E - Value above quantitation range

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

Report Date: August 17, 2017

Print Date: August 17, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-34-09 (0-7)

Work Order: 17080266 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 8/8/2017 12:05:00 PM

Lab ID: 17080266-048A

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS		SW5035/8260B			Prep Date: 8/9/2017	Analyst: ERP
Acetone	ND	0.070		mg/Kg-dry	1	8/15/2017
Benzene	ND	0.0047		mg/Kg-dry	1	8/15/2017
Bromodichloromethane	ND	0.0047		mg/Kg-dry	1	8/15/2017
Bromoform	ND	0.0047		mg/Kg-dry	1	8/15/2017
Bromomethane	ND	0.0093		mg/Kg-dry	1	8/15/2017
2-Butanone	ND	0.070		mg/Kg-dry	1	8/15/2017
Carbon disulfide	ND	0.047		mg/Kg-dry	1	8/15/2017
Carbon tetrachloride	ND	0.0047		mg/Kg-dry	1	8/15/2017
Chlorobenzene	ND	0.0047		mg/Kg-dry	1	8/15/2017
Chloroethane	ND	0.0093		mg/Kg-dry	1	8/15/2017
Chloroform	ND	0.0047		mg/Kg-dry	1	8/15/2017
Chloromethane	ND	0.0093		mg/Kg-dry	1	8/15/2017
Dibromochloromethane	ND	0.0047		mg/Kg-dry	1	8/15/2017
1,1-Dichloroethane	ND	0.0047		mg/Kg-dry	1	8/15/2017
1,2-Dichloroethane	ND	0.0047		mg/Kg-dry	1	8/15/2017
1,1-Dichloroethene	ND	0.0047		mg/Kg-dry	1	8/15/2017
cis-1,2-Dichloroethene	ND	0.0047		mg/Kg-dry	1	8/15/2017
trans-1,2-Dichloroethene	ND	0.0047		mg/Kg-dry	1	8/15/2017
1,2-Dichloropropane	ND	0.0047		mg/Kg-dry	1	8/15/2017
cis-1,3-Dichloropropene	ND	0.0019		mg/Kg-dry	1	8/15/2017
trans-1,3-Dichloropropene	ND	0.0019		mg/Kg-dry	1	8/15/2017
Ethylbenzene	ND	0.0047		mg/Kg-dry	1	8/15/2017
2-Hexanone	ND	0.019		mg/Kg-dry	1	8/15/2017
4-Methyl-2-pentanone	ND	0.019		mg/Kg-dry	1	8/15/2017
Methylene chloride	ND	0.0093		mg/Kg-dry	1	8/15/2017
Methyl tert-butyl ether	ND	0.0047		mg/Kg-dry	1	8/15/2017
Styrene	ND	0.0047		mg/Kg-dry	1	8/15/2017
1,1,2,2-Tetrachloroethane	ND	0.0047		mg/Kg-dry	1	8/15/2017
Tetrachloroethene	ND	0.0047		mg/Kg-dry	1	8/15/2017
Toluene	ND	0.0047		mg/Kg-dry	1	8/15/2017
1,1,1-Trichloroethane	ND	0.0047		mg/Kg-dry	1	8/15/2017
1,1,2-Trichloroethane	ND	0.0047		mg/Kg-dry	1	8/15/2017
Trichloroethene	ND	0.0047		mg/Kg-dry	1	8/15/2017
Vinyl chloride	ND	0.0047		mg/Kg-dry	1	8/15/2017
Xylenes, Total	ND	0.014		mg/Kg-dry	1	8/15/2017

Qualifiers:

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

Report Date: August 17, 2017

Print Date: August 17, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-34-09 (0-7)

Work Order: 17080266 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL

Collection Date: 8/8/2017 12:05:00 PM

Lab ID: 17080266-048B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS		SW8270C (SW3550B)		Prep Date: 8/10/2017		Analyst: MEP
Acenaphthene	ND	0.039		mg/Kg-dry	1	8/14/2017
Acenaphthylene	ND	0.039		mg/Kg-dry	1	8/14/2017
Aniline	ND	0.40		mg/Kg-dry	1	8/14/2017
Anthracene	ND	0.039		mg/Kg-dry	1	8/14/2017
Benz(a)anthracene	ND	0.039		mg/Kg-dry	1	8/14/2017
Benzidine	ND	0.39		mg/Kg-dry	1	8/14/2017
Benzo(a)pyrene	ND	0.039		mg/Kg-dry	1	8/14/2017
Benzo(b)fluoranthene	ND	0.039		mg/Kg-dry	1	8/14/2017
Benzo(g,h,i)perylene	ND	0.039		mg/Kg-dry	1	8/14/2017
Benzo(k)fluoranthene	ND	0.039		mg/Kg-dry	1	8/14/2017
Benzoic acid	ND	0.99		mg/Kg-dry	1	8/14/2017
Benzyl alcohol	ND	0.20		mg/Kg-dry	1	8/14/2017
Bis(2-chloroethoxy)methane	ND	0.20		mg/Kg-dry	1	8/14/2017
Bis(2-chloroethyl)ether	ND	0.20		mg/Kg-dry	1	8/14/2017
Bis(2-ethylhexyl)phthalate	ND	0.99		mg/Kg-dry	1	8/14/2017
4-Bromophenyl phenyl ether	ND	0.20		mg/Kg-dry	1	8/14/2017
Butyl benzyl phthalate	ND	0.20		mg/Kg-dry	1	8/14/2017
Carbazole	ND	0.20		mg/Kg-dry	1	8/14/2017
4-Chloroaniline	ND	0.20		mg/Kg-dry	1	8/14/2017
4-Chloro-3-methylphenol	ND	0.39		mg/Kg-dry	1	8/14/2017
2-Chloronaphthalene	ND	0.20		mg/Kg-dry	1	8/14/2017
2-Chlorophenol	ND	0.20		mg/Kg-dry	1	8/14/2017
4-Chlorophenyl phenyl ether	ND	0.20		mg/Kg-dry	1	8/14/2017
Chrysene	ND	0.039		mg/Kg-dry	1	8/14/2017
Dibenz(a,h)anthracene	ND	0.039		mg/Kg-dry	1	8/14/2017
Dibenzofuran	ND	0.20		mg/Kg-dry	1	8/14/2017
1,2-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	8/14/2017
1,3-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	8/14/2017
1,4-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	8/14/2017
3,3'-Dichlorobenzidine	ND	0.20		mg/Kg-dry	1	8/14/2017
2,4-Dichlorophenol	ND	0.20		mg/Kg-dry	1	8/14/2017
Diethyl phthalate	ND	0.20		mg/Kg-dry	1	8/14/2017
2,4-Dimethylphenol	ND	0.20		mg/Kg-dry	1	8/14/2017
Dimethyl phthalate	ND	0.20		mg/Kg-dry	1	8/14/2017
4,6-Dinitro-2-methylphenol	ND	0.39		mg/Kg-dry	1	8/14/2017
2,4-Dinitrophenol	ND	0.99		mg/Kg-dry	1	8/14/2017
2,4-Dinitrotoluene	ND	0.039		mg/Kg-dry	1	8/14/2017
2,6-Dinitrotoluene	ND	0.039		mg/Kg-dry	1	8/14/2017

Qualifiers:

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

Report Date: August 17, 2017

Print Date: August 17, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-34-09 (0-7)

Work Order: 17080266 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL

Collection Date: 8/8/2017 12:05:00 PM

Lab ID: 17080266-048B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS						
	SW8270C (SW3550B)					Prep Date: 8/10/2017 Analyst: MEP
Di-n-butyl phthalate	ND	0.20		mg/Kg-dry	1	8/14/2017
Di-n-octyl phthalate	ND	0.20		mg/Kg-dry	1	8/14/2017
Fluoranthene	ND	0.039		mg/Kg-dry	1	8/14/2017
Fluorene	ND	0.039		mg/Kg-dry	1	8/14/2017
Hexachlorobenzene	ND	0.20		mg/Kg-dry	1	8/14/2017
Hexachlorobutadiene	ND	0.20		mg/Kg-dry	1	8/14/2017
Hexachlorocyclopentadiene	ND	0.20		mg/Kg-dry	1	8/14/2017
Hexachloroethane	ND	0.20		mg/Kg-dry	1	8/14/2017
Indeno(1,2,3-cd)pyrene	ND	0.039		mg/Kg-dry	1	8/14/2017
Isophorone	ND	0.20		mg/Kg-dry	1	8/14/2017
2-Methylnaphthalene	ND	0.20		mg/Kg-dry	1	8/14/2017
2-Methylphenol	ND	0.20		mg/Kg-dry	1	8/14/2017
4-Methylphenol	ND	0.20		mg/Kg-dry	1	8/14/2017
Naphthalene	ND	0.039		mg/Kg-dry	1	8/14/2017
2-Nitroaniline	ND	0.20		mg/Kg-dry	1	8/14/2017
3-Nitroaniline	ND	0.20		mg/Kg-dry	1	8/14/2017
4-Nitroaniline	ND	0.20		mg/Kg-dry	1	8/14/2017
2-Nitrophenol	ND	0.20		mg/Kg-dry	1	8/14/2017
4-Nitrophenol	ND	0.39		mg/Kg-dry	1	8/14/2017
Nitrobenzene	ND	0.039		mg/Kg-dry	1	8/14/2017
N-Nitrosodi-n-propylamine	ND	0.039		mg/Kg-dry	1	8/14/2017
N-Nitrosodimethylamine	ND	0.20		mg/Kg-dry	1	8/14/2017
N-Nitrosodiphenylamine	ND	0.20		mg/Kg-dry	1	8/14/2017
2, 2'-oxybis(1-Chloropropane)	ND	0.20		mg/Kg-dry	1	8/14/2017
Pentachlorophenol	ND	0.080		mg/Kg-dry	1	8/14/2017
Phenanthrene	ND	0.039		mg/Kg-dry	1	8/14/2017
Phenol	ND	0.20		mg/Kg-dry	1	8/14/2017
Pyrene	ND	0.039		mg/Kg-dry	1	8/14/2017
Pyridine	ND	0.80		mg/Kg-dry	1	8/14/2017
1,2,4-Trichlorobenzene	ND	0.20		mg/Kg-dry	1	8/14/2017
2,4,5-Trichlorophenol	ND	0.20		mg/Kg-dry	1	8/14/2017
2,4,6-Trichlorophenol	ND	0.20		mg/Kg-dry	1	8/14/2017
Metals by ICP/MS						
	SW6020 (SW3050B)					Prep Date: 8/9/2017 Analyst: JG
Aluminum	14000	21		mg/Kg-dry	10	8/13/2017
Antimony	ND	2.1		mg/Kg-dry	10	8/13/2017
Arsenic	7.9	1.1		mg/Kg-dry	10	8/13/2017
Barium	100	1.1		mg/Kg-dry	10	8/13/2017
Beryllium	0.74	0.53		mg/Kg-dry	10	8/13/2017

Qualifiers:

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

Report Date: August 17, 2017

Print Date: August 17, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-34-09 (0-7)

Work Order: 17080266 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 8/8/2017 12:05:00 PM

Lab ID: 17080266-048B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed

Metals by ICP/MS

SW6020 (SW3050B)

Prep Date: 8/9/2017

Analyst: JG

Cadmium	ND	0.53		mg/Kg-dry	10	8/13/2017
Calcium	39000	63		mg/Kg-dry	10	8/13/2017
Chromium	23	1.1		mg/Kg-dry	10	8/13/2017
Cobalt	11	1.1		mg/Kg-dry	10	8/13/2017
Copper	28	2.6		mg/Kg-dry	10	8/13/2017
Iron	25000	32		mg/Kg-dry	10	8/13/2017
Lead	19	0.53		mg/Kg-dry	10	8/13/2017
Magnesium	22000	32		mg/Kg-dry	10	8/13/2017
Manganese	630	1.1		mg/Kg-dry	10	8/13/2017
Nickel	30	1.1		mg/Kg-dry	10	8/13/2017
Potassium	1700	32		mg/Kg-dry	10	8/13/2017
Selenium	ND	1.1		mg/Kg-dry	10	8/13/2017
Silver	ND	1.1		mg/Kg-dry	10	8/13/2017
Sodium	330	63		mg/Kg-dry	10	8/13/2017
Thallium	ND	1.1		mg/Kg-dry	10	8/13/2017
Vanadium	32	1.1		mg/Kg-dry	10	8/13/2017
Zinc	66	5.3		mg/Kg-dry	10	8/13/2017

SPLP Metals by ICP/MS

SW1312/6020 (SW3005A)

Prep Date: 8/12/2017

Analyst: JG

Arsenic	ND	0.0040		mg/L	2	8/16/2017
Barium	ND	0.020		mg/L	2	8/16/2017
Beryllium	ND	0.0020		mg/L	2	8/16/2017
Cadmium	ND	0.0020		mg/L	2	8/16/2017
Chromium	ND	0.0040		mg/L	2	8/16/2017
Cobalt	ND	0.0040		mg/L	2	8/16/2017
Copper	ND	0.040		mg/L	2	8/16/2017
Iron	0.72	0.10		mg/L	2	8/16/2017
Lead	ND	0.0020		mg/L	2	8/16/2017
Manganese	0.031	0.0040		mg/L	2	8/16/2017
Nickel	ND	0.0040		mg/L	2	8/16/2017
Selenium	ND	0.0040		mg/L	2	8/16/2017
Silver	ND	0.0040		mg/L	2	8/16/2017
Zinc	ND	0.020		mg/L	2	8/16/2017

TCLP Metals by ICP/MS

SW1311/6020 (SW3005A)

Prep Date: 8/15/2017

Analyst: JG

Arsenic	ND	0.010		mg/L	5	8/16/2017
Barium	0.96	0.050		mg/L	5	8/16/2017
Beryllium	ND	0.0050		mg/L	5	8/16/2017
Cadmium	ND	0.0050		mg/L	5	8/16/2017

Qualifiers:

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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

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Report Date: August 17, 2017

Print Date: August 17, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-34-09 (0-7)

Work Order: 17080266 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL

Collection Date: 8/8/2017 12:05:00 PM

Lab ID: 17080266-048B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
TCLP Metals by ICP/MS	SW1311/6020 (SW3005A)					Prep Date: 8/15/2017 Analyst: JG
Chromium	ND	0.010		mg/L	5	8/16/2017
Cobalt	0.044	0.010		mg/L	5	8/16/2017
Copper	ND	0.10		mg/L	5	8/16/2017
Iron	ND	0.25		mg/L	5	8/16/2017
Lead	ND	0.0050		mg/L	5	8/16/2017
Manganese	9.5	0.010		mg/L	5	8/16/2017
Nickel	0.034	0.010		mg/L	5	8/16/2017
Selenium	ND	0.010		mg/L	5	8/16/2017
Silver	ND	0.010		mg/L	5	8/16/2017
Zinc	ND	0.050		mg/L	5	8/16/2017
TCLP Mercury	SW1311/7470A					Prep Date: 8/15/2017 Analyst: LB
Mercury	ND	0.00020		mg/L	1	8/15/2017
SPLP Mercury	SW1312/7470A					Prep Date: 8/11/2017 Analyst: LB
Mercury	ND	0.00025		mg/L	1	8/14/2017
Mercury	SW7471A					Prep Date: 8/10/2017 Analyst: LB
Mercury	0.030	0.019		mg/Kg-dry	1	8/10/2017
pH (25 °C)	SW9045C					Prep Date: 8/11/2017 Analyst: RW
pH	7.66			pH Units	1	8/11/2017
Percent Moisture	D2974					Prep Date: 8/10/2017 Analyst: KKA
Percent Moisture	17.6	0.2	*	wt%	1	8/11/2017

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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Report Date: August 17, 2017

Print Date: August 17, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-34-09 (7-14)

Work Order: 17080266 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 8/8/2017 12:08:00 PM

Lab ID: 17080266-049A

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS		SW5035/8260B			Prep Date: 8/9/2017	Analyst: ERP
Acetone	ND	0.075		mg/Kg-dry	1	8/15/2017
Benzene	ND	0.0050		mg/Kg-dry	1	8/15/2017
Bromodichloromethane	ND	0.0050		mg/Kg-dry	1	8/15/2017
Bromoform	ND	0.0050		mg/Kg-dry	1	8/15/2017
Bromomethane	ND	0.010		mg/Kg-dry	1	8/15/2017
2-Butanone	ND	0.075		mg/Kg-dry	1	8/15/2017
Carbon disulfide	ND	0.050		mg/Kg-dry	1	8/15/2017
Carbon tetrachloride	ND	0.0050		mg/Kg-dry	1	8/15/2017
Chlorobenzene	ND	0.0050		mg/Kg-dry	1	8/15/2017
Chloroethane	ND	0.010		mg/Kg-dry	1	8/15/2017
Chloroform	ND	0.0050		mg/Kg-dry	1	8/15/2017
Chloromethane	ND	0.010		mg/Kg-dry	1	8/15/2017
Dibromochloromethane	ND	0.0050		mg/Kg-dry	1	8/15/2017
1,1-Dichloroethane	ND	0.0050		mg/Kg-dry	1	8/15/2017
1,2-Dichloroethane	ND	0.0050		mg/Kg-dry	1	8/15/2017
1,1-Dichloroethene	ND	0.0050		mg/Kg-dry	1	8/15/2017
cis-1,2-Dichloroethene	ND	0.0050		mg/Kg-dry	1	8/15/2017
trans-1,2-Dichloroethene	ND	0.0050		mg/Kg-dry	1	8/15/2017
1,2-Dichloropropane	ND	0.0050		mg/Kg-dry	1	8/15/2017
cis-1,3-Dichloropropene	ND	0.0020		mg/Kg-dry	1	8/15/2017
trans-1,3-Dichloropropene	ND	0.0020		mg/Kg-dry	1	8/15/2017
Ethylbenzene	ND	0.0050		mg/Kg-dry	1	8/15/2017
2-Hexanone	ND	0.020		mg/Kg-dry	1	8/15/2017
4-Methyl-2-pentanone	ND	0.020		mg/Kg-dry	1	8/15/2017
Methylene chloride	ND	0.010		mg/Kg-dry	1	8/15/2017
Methyl tert-butyl ether	ND	0.0050		mg/Kg-dry	1	8/15/2017
Styrene	ND	0.0050		mg/Kg-dry	1	8/15/2017
1,1,2,2-Tetrachloroethane	ND	0.0050		mg/Kg-dry	1	8/15/2017
Tetrachloroethene	ND	0.0050		mg/Kg-dry	1	8/15/2017
Toluene	ND	0.0050		mg/Kg-dry	1	8/15/2017
1,1,1-Trichloroethane	ND	0.0050		mg/Kg-dry	1	8/15/2017
1,1,2-Trichloroethane	ND	0.0050		mg/Kg-dry	1	8/15/2017
Trichloroethene	ND	0.0050		mg/Kg-dry	1	8/15/2017
Vinyl chloride	ND	0.0050		mg/Kg-dry	1	8/15/2017
Xylenes, Total	ND	0.015		mg/Kg-dry	1	8/15/2017

Qualifiers:

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

Report Date: August 17, 2017

Print Date: August 17, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-34-09 (7-14)

Work Order: 17080266 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL

Collection Date: 8/8/2017 12:08:00 PM

Lab ID: 17080266-049B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS		SW8270C (SW3550B)		Prep Date: 8/10/2017		Analyst: MEP
Acenaphthene	ND	0.039		mg/Kg-dry	1	8/14/2017
Acenaphthylene	ND	0.039		mg/Kg-dry	1	8/14/2017
Aniline	ND	0.40		mg/Kg-dry	1	8/14/2017
Anthracene	ND	0.039		mg/Kg-dry	1	8/14/2017
Benz(a)anthracene	ND	0.039		mg/Kg-dry	1	8/14/2017
Benzidine	ND	0.39		mg/Kg-dry	1	8/14/2017
Benzo(a)pyrene	ND	0.039		mg/Kg-dry	1	8/14/2017
Benzo(b)fluoranthene	ND	0.039		mg/Kg-dry	1	8/14/2017
Benzo(g,h,i)perylene	ND	0.039		mg/Kg-dry	1	8/14/2017
Benzo(k)fluoranthene	ND	0.039		mg/Kg-dry	1	8/14/2017
Benzoic acid	ND	0.99		mg/Kg-dry	1	8/14/2017
Benzyl alcohol	ND	0.20		mg/Kg-dry	1	8/14/2017
Bis(2-chloroethoxy)methane	ND	0.20		mg/Kg-dry	1	8/14/2017
Bis(2-chloroethyl)ether	ND	0.20		mg/Kg-dry	1	8/14/2017
Bis(2-ethylhexyl)phthalate	ND	0.99		mg/Kg-dry	1	8/14/2017
4-Bromophenyl phenyl ether	ND	0.20		mg/Kg-dry	1	8/14/2017
Butyl benzyl phthalate	ND	0.20		mg/Kg-dry	1	8/14/2017
Carbazole	ND	0.20		mg/Kg-dry	1	8/14/2017
4-Chloroaniline	ND	0.20		mg/Kg-dry	1	8/14/2017
4-Chloro-3-methylphenol	ND	0.39		mg/Kg-dry	1	8/14/2017
2-Chloronaphthalene	ND	0.20		mg/Kg-dry	1	8/14/2017
2-Chlorophenol	ND	0.20		mg/Kg-dry	1	8/14/2017
4-Chlorophenyl phenyl ether	ND	0.20		mg/Kg-dry	1	8/14/2017
Chrysene	ND	0.039		mg/Kg-dry	1	8/14/2017
Dibenz(a,h)anthracene	ND	0.039		mg/Kg-dry	1	8/14/2017
Dibenzofuran	ND	0.20		mg/Kg-dry	1	8/14/2017
1,2-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	8/14/2017
1,3-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	8/14/2017
1,4-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	8/14/2017
3,3'-Dichlorobenzidine	ND	0.20		mg/Kg-dry	1	8/14/2017
2,4-Dichlorophenol	ND	0.20		mg/Kg-dry	1	8/14/2017
Diethyl phthalate	ND	0.20		mg/Kg-dry	1	8/14/2017
2,4-Dimethylphenol	ND	0.20		mg/Kg-dry	1	8/14/2017
Dimethyl phthalate	ND	0.20		mg/Kg-dry	1	8/14/2017
4,6-Dinitro-2-methylphenol	ND	0.39		mg/Kg-dry	1	8/14/2017
2,4-Dinitrophenol	ND	0.99		mg/Kg-dry	1	8/14/2017
2,4-Dinitrotoluene	ND	0.039		mg/Kg-dry	1	8/14/2017
2,6-Dinitrotoluene	ND	0.039		mg/Kg-dry	1	8/14/2017

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

Report Date: August 17, 2017

Print Date: August 17, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-34-09 (7-14)

Work Order: 17080266 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL

Collection Date: 8/8/2017 12:08:00 PM

Lab ID: 17080266-049B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS						
	SW8270C (SW3550B)				Prep Date: 8/10/2017	Analyst: MEP
Di-n-butyl phthalate	ND	0.20		mg/Kg-dry	1	8/14/2017
Di-n-octyl phthalate	ND	0.20		mg/Kg-dry	1	8/14/2017
Fluoranthene	ND	0.039		mg/Kg-dry	1	8/14/2017
Fluorene	ND	0.039		mg/Kg-dry	1	8/14/2017
Hexachlorobenzene	ND	0.20		mg/Kg-dry	1	8/14/2017
Hexachlorobutadiene	ND	0.20		mg/Kg-dry	1	8/14/2017
Hexachlorocyclopentadiene	ND	0.20		mg/Kg-dry	1	8/14/2017
Hexachloroethane	ND	0.20		mg/Kg-dry	1	8/14/2017
Indeno(1,2,3-cd)pyrene	ND	0.039		mg/Kg-dry	1	8/14/2017
Isophorone	ND	0.20		mg/Kg-dry	1	8/14/2017
2-Methylnaphthalene	ND	0.20		mg/Kg-dry	1	8/14/2017
2-Methylphenol	ND	0.20		mg/Kg-dry	1	8/14/2017
4-Methylphenol	ND	0.20		mg/Kg-dry	1	8/14/2017
Naphthalene	ND	0.039		mg/Kg-dry	1	8/14/2017
2-Nitroaniline	ND	0.20		mg/Kg-dry	1	8/14/2017
3-Nitroaniline	ND	0.20		mg/Kg-dry	1	8/14/2017
4-Nitroaniline	ND	0.20		mg/Kg-dry	1	8/14/2017
2-Nitrophenol	ND	0.20		mg/Kg-dry	1	8/14/2017
4-Nitrophenol	ND	0.39		mg/Kg-dry	1	8/14/2017
Nitrobenzene	ND	0.039		mg/Kg-dry	1	8/14/2017
N-Nitrosodi-n-propylamine	ND	0.039		mg/Kg-dry	1	8/14/2017
N-Nitrosodimethylamine	ND	0.20		mg/Kg-dry	1	8/14/2017
N-Nitrosodiphenylamine	ND	0.20		mg/Kg-dry	1	8/14/2017
2, 2'-oxybis(1-Chloropropane)	ND	0.20		mg/Kg-dry	1	8/14/2017
Pentachlorophenol	ND	0.080		mg/Kg-dry	1	8/14/2017
Phenanthrene	ND	0.039		mg/Kg-dry	1	8/14/2017
Phenol	ND	0.20		mg/Kg-dry	1	8/14/2017
Pyrene	ND	0.039		mg/Kg-dry	1	8/14/2017
Pyridine	ND	0.80		mg/Kg-dry	1	8/14/2017
1,2,4-Trichlorobenzene	ND	0.20		mg/Kg-dry	1	8/14/2017
2,4,5-Trichlorophenol	ND	0.20		mg/Kg-dry	1	8/14/2017
2,4,6-Trichlorophenol	ND	0.20		mg/Kg-dry	1	8/14/2017
Metals by ICP/MS						
	SW6020 (SW3050B)				Prep Date: 8/9/2017	Analyst: JG
Aluminum	10000	20		mg/Kg-dry	10	8/13/2017
Antimony	ND	2.0		mg/Kg-dry	10	8/13/2017
Arsenic	7.7	1.0		mg/Kg-dry	10	8/13/2017
Barium	67	1.0		mg/Kg-dry	10	8/13/2017
Beryllium	0.54	0.51		mg/Kg-dry	10	8/13/2017

Qualifiers:

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E - Value above quantitation range

H - Holding time exceeded

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Report Date: August 17, 2017

Print Date: August 17, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-34-09 (7-14)

Work Order: 17080266 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 8/8/2017 12:08:00 PM

Lab ID: 17080266-049B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed

Metals by ICP/MS

SW6020 (SW3050B)

Prep Date: 8/9/2017

Analyst: JG

Cadmium	ND	0.51		mg/Kg-dry	10	8/13/2017
Calcium	45000	61		mg/Kg-dry	10	8/13/2017
Chromium	17	1.0		mg/Kg-dry	10	8/13/2017
Cobalt	11	1.0		mg/Kg-dry	10	8/13/2017
Copper	22	2.5		mg/Kg-dry	10	8/13/2017
Iron	21000	30		mg/Kg-dry	10	8/13/2017
Lead	17	0.51		mg/Kg-dry	10	8/13/2017
Magnesium	26000	30		mg/Kg-dry	10	8/13/2017
Manganese	490	1.0		mg/Kg-dry	10	8/13/2017
Nickel	25	1.0		mg/Kg-dry	10	8/13/2017
Potassium	1300	30		mg/Kg-dry	10	8/13/2017
Selenium	ND	1.0		mg/Kg-dry	10	8/13/2017
Silver	ND	1.0		mg/Kg-dry	10	8/13/2017
Sodium	260	61		mg/Kg-dry	10	8/13/2017
Thallium	ND	1.0		mg/Kg-dry	10	8/13/2017
Vanadium	25	1.0		mg/Kg-dry	10	8/13/2017
Zinc	55	5.1		mg/Kg-dry	10	8/13/2017

SPLP Metals by ICP/MS

SW1312/6020 (SW3005A)

Prep Date: 8/12/2017

Analyst: JG

Arsenic	ND	0.0040		mg/L	2	8/16/2017
Barium	ND	0.020		mg/L	2	8/16/2017
Beryllium	ND	0.0020		mg/L	2	8/16/2017
Cadmium	ND	0.0020		mg/L	2	8/16/2017
Chromium	ND	0.0040		mg/L	2	8/16/2017
Cobalt	ND	0.0040		mg/L	2	8/16/2017
Copper	ND	0.040		mg/L	2	8/16/2017
Iron	1.4	0.10		mg/L	2	8/16/2017
Lead	ND	0.0020		mg/L	2	8/16/2017
Manganese	0.020	0.0040		mg/L	2	8/16/2017
Nickel	ND	0.0040		mg/L	2	8/16/2017
Selenium	ND	0.0040		mg/L	2	8/16/2017
Silver	ND	0.0040		mg/L	2	8/16/2017
Zinc	ND	0.020		mg/L	2	8/16/2017

TCLP Metals by ICP/MS

SW1311/6020 (SW3005A)

Prep Date: 8/15/2017

Analyst: JG

Arsenic	ND	0.010		mg/L	5	8/16/2017
Barium	0.71	0.050		mg/L	5	8/16/2017
Beryllium	ND	0.0050		mg/L	5	8/16/2017
Cadmium	ND	0.0050		mg/L	5	8/16/2017

Qualifiers:

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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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Report Date: August 17, 2017

Print Date: August 17, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-34-09 (7-14)

Work Order: 17080266 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL

Collection Date: 8/8/2017 12:08:00 PM

Lab ID: 17080266-049B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
TCLP Metals by ICP/MS	SW1311/6020 (SW3005A)					Prep Date: 8/15/2017 Analyst: JG
Chromium	ND	0.010		mg/L	5	8/16/2017
Cobalt	0.029	0.010		mg/L	5	8/16/2017
Copper	ND	0.10		mg/L	5	8/16/2017
Iron	ND	0.25		mg/L	5	8/16/2017
Lead	ND	0.0050		mg/L	5	8/16/2017
Manganese	10	0.010		mg/L	5	8/16/2017
Nickel	0.028	0.010		mg/L	5	8/16/2017
Selenium	ND	0.010		mg/L	5	8/16/2017
Silver	ND	0.010		mg/L	5	8/16/2017
Zinc	ND	0.050		mg/L	5	8/16/2017
TCLP Mercury	SW1311/7470A					Prep Date: 8/15/2017 Analyst: LB
Mercury	ND	0.00020		mg/L	1	8/15/2017
SPLP Mercury	SW1312/7470A					Prep Date: 8/11/2017 Analyst: LB
Mercury	ND	0.00025		mg/L	1	8/14/2017
Mercury	SW7471A					Prep Date: 8/10/2017 Analyst: LB
Mercury	0.027	0.023		mg/Kg-dry	1	8/10/2017
pH (25 °C)	SW9045C					Prep Date: 8/11/2017 Analyst: RW
pH	7.83			pH Units	1	8/11/2017
Percent Moisture	D2974					Prep Date: 8/10/2017 Analyst: KKA
Percent Moisture	16.8	0.2	*	wt%	1	8/11/2017

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

Report Date: August 07, 2017

Print Date: August 07, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-35-01 (0-5')

Work Order: 17070839 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 7/27/2017 9:40:00 AM

Lab ID: 17070839-006A

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS		SW5035/8260B			Prep Date: 7/28/2017	Analyst: ERP
Acetone	ND	0.080		mg/Kg-dry	1	8/3/2017
Benzene	ND	0.0053		mg/Kg-dry	1	8/3/2017
Bromodichloromethane	ND	0.0053		mg/Kg-dry	1	8/3/2017
Bromoform	ND	0.0053		mg/Kg-dry	1	8/3/2017
Bromomethane	ND	0.011		mg/Kg-dry	1	8/3/2017
2-Butanone	ND	0.080		mg/Kg-dry	1	8/3/2017
Carbon disulfide	ND	0.053		mg/Kg-dry	1	8/3/2017
Carbon tetrachloride	ND	0.0053		mg/Kg-dry	1	8/3/2017
Chlorobenzene	ND	0.0053		mg/Kg-dry	1	8/3/2017
Chloroethane	ND	0.011		mg/Kg-dry	1	8/3/2017
Chloroform	ND	0.0053		mg/Kg-dry	1	8/3/2017
Chloromethane	ND	0.011		mg/Kg-dry	1	8/3/2017
Dibromochloromethane	ND	0.0053		mg/Kg-dry	1	8/3/2017
1,1-Dichloroethane	ND	0.0053		mg/Kg-dry	1	8/3/2017
1,2-Dichloroethane	ND	0.0053		mg/Kg-dry	1	8/3/2017
1,1-Dichloroethene	ND	0.0053		mg/Kg-dry	1	8/3/2017
cis-1,2-Dichloroethene	ND	0.0053		mg/Kg-dry	1	8/3/2017
trans-1,2-Dichloroethene	ND	0.0053		mg/Kg-dry	1	8/3/2017
1,2-Dichloropropane	ND	0.0053		mg/Kg-dry	1	8/3/2017
cis-1,3-Dichloropropene	ND	0.0021		mg/Kg-dry	1	8/3/2017
trans-1,3-Dichloropropene	ND	0.0021		mg/Kg-dry	1	8/3/2017
Ethylbenzene	ND	0.0053		mg/Kg-dry	1	8/3/2017
2-Hexanone	ND	0.021		mg/Kg-dry	1	8/3/2017
4-Methyl-2-pentanone	ND	0.021		mg/Kg-dry	1	8/3/2017
Methylene chloride	ND	0.011		mg/Kg-dry	1	8/3/2017
Methyl tert-butyl ether	ND	0.0053		mg/Kg-dry	1	8/3/2017
Styrene	ND	0.0053		mg/Kg-dry	1	8/3/2017
1,1,2,2-Tetrachloroethane	ND	0.0053		mg/Kg-dry	1	8/3/2017
Tetrachloroethene	ND	0.0053		mg/Kg-dry	1	8/3/2017
Toluene	ND	0.0053		mg/Kg-dry	1	8/3/2017
1,1,1-Trichloroethane	ND	0.0053		mg/Kg-dry	1	8/3/2017
1,1,2-Trichloroethane	ND	0.0053		mg/Kg-dry	1	8/3/2017
Trichloroethene	ND	0.0053		mg/Kg-dry	1	8/3/2017
Vinyl chloride	ND	0.0053		mg/Kg-dry	1	8/3/2017
Xylenes, Total	ND	0.016		mg/Kg-dry	1	8/3/2017

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

Report Date: August 07, 2017

Print Date: August 07, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-35-01 (0-5')

Work Order: 17070839 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL

Collection Date: 7/27/2017 9:40:00 AM

Lab ID: 17070839-006B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed

Semivolatile Organic Compounds by GC/MS	SW8270C (SW3550B)			Prep Date: 7/31/2017		Analyst: DM

Acenaphthene	ND	0.036		mg/Kg-dry	1	8/1/2017
Acenaphthylene	ND	0.036		mg/Kg-dry	1	8/1/2017
Aniline	ND	0.36		mg/Kg-dry	1	8/1/2017
Anthracene	ND	0.036		mg/Kg-dry	1	8/1/2017
Benz(a)anthracene	ND	0.036		mg/Kg-dry	1	8/1/2017
Benzidine	ND	0.36		mg/Kg-dry	1	8/1/2017
Benzo(a)pyrene	ND	0.036		mg/Kg-dry	1	8/1/2017
Benzo(b)fluoranthene	ND	0.036		mg/Kg-dry	1	8/1/2017
Benzo(g,h,i)perylene	ND	0.036		mg/Kg-dry	1	8/1/2017
Benzo(k)fluoranthene	ND	0.036		mg/Kg-dry	1	8/1/2017
Benzoic acid	ND	0.90		mg/Kg-dry	1	8/1/2017
Benzyl alcohol	ND	0.18		mg/Kg-dry	1	8/1/2017
Bis(2-chloroethoxy)methane	ND	0.18		mg/Kg-dry	1	8/1/2017
Bis(2-chloroethyl)ether	ND	0.18		mg/Kg-dry	1	8/1/2017
Bis(2-ethylhexyl)phthalate	ND	0.90		mg/Kg-dry	1	8/1/2017
4-Bromophenyl phenyl ether	ND	0.18		mg/Kg-dry	1	8/1/2017
Butyl benzyl phthalate	ND	0.18		mg/Kg-dry	1	8/1/2017
Carbazole	ND	0.18		mg/Kg-dry	1	8/1/2017
4-Chloroaniline	ND	0.18		mg/Kg-dry	1	8/1/2017
4-Chloro-3-methylphenol	ND	0.36		mg/Kg-dry	1	8/1/2017
2-Chloronaphthalene	ND	0.18		mg/Kg-dry	1	8/1/2017
2-Chlorophenol	ND	0.18		mg/Kg-dry	1	8/1/2017
4-Chlorophenyl phenyl ether	ND	0.18		mg/Kg-dry	1	8/1/2017
Chrysene	ND	0.036		mg/Kg-dry	1	8/1/2017
Dibenz(a,h)anthracene	ND	0.036		mg/Kg-dry	1	8/1/2017
Dibenzofuran	ND	0.18		mg/Kg-dry	1	8/1/2017
1,2-Dichlorobenzene	ND	0.18		mg/Kg-dry	1	8/1/2017
1,3-Dichlorobenzene	ND	0.18		mg/Kg-dry	1	8/1/2017
1,4-Dichlorobenzene	ND	0.18		mg/Kg-dry	1	8/1/2017
3,3'-Dichlorobenzidine	ND	0.18		mg/Kg-dry	1	8/1/2017
2,4-Dichlorophenol	ND	0.18		mg/Kg-dry	1	8/1/2017
Diethyl phthalate	ND	0.18		mg/Kg-dry	1	8/1/2017
2,4-Dimethylphenol	ND	0.18		mg/Kg-dry	1	8/1/2017
Dimethyl phthalate	ND	0.18		mg/Kg-dry	1	8/1/2017
4,6-Dinitro-2-methylphenol	ND	0.36		mg/Kg-dry	1	8/1/2017
2,4-Dinitrophenol	ND	0.90		mg/Kg-dry	1	8/1/2017
2,4-Dinitrotoluene	ND	0.036		mg/Kg-dry	1	8/1/2017
2,6-Dinitrotoluene	ND	0.036		mg/Kg-dry	1	8/1/2017

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

Report Date: August 07, 2017

Print Date: August 07, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-35-01 (0-5')

Work Order: 17070839 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 7/27/2017 9:40:00 AM

Lab ID: 17070839-006B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed

Semivolatile Organic Compounds by GC/MS SW8270C (SW3550B) Prep Date: 7/31/2017 Analyst: DM

Di-n-butyl phthalate	ND	0.18		mg/Kg-dry	1	8/1/2017
Di-n-octyl phthalate	ND	0.18		mg/Kg-dry	1	8/1/2017
Fluoranthene	ND	0.036		mg/Kg-dry	1	8/1/2017
Fluorene	ND	0.036		mg/Kg-dry	1	8/1/2017
Hexachlorobenzene	ND	0.18		mg/Kg-dry	1	8/1/2017
Hexachlorobutadiene	ND	0.18		mg/Kg-dry	1	8/1/2017
Hexachlorocyclopentadiene	ND	0.18		mg/Kg-dry	1	8/1/2017
Hexachloroethane	ND	0.18		mg/Kg-dry	1	8/1/2017
Indeno(1,2,3-cd)pyrene	ND	0.036		mg/Kg-dry	1	8/1/2017
Isophorone	ND	0.18		mg/Kg-dry	1	8/1/2017
2-Methylnaphthalene	ND	0.18		mg/Kg-dry	1	8/1/2017
2-Methylphenol	ND	0.18		mg/Kg-dry	1	8/1/2017
4-Methylphenol	ND	0.18		mg/Kg-dry	1	8/1/2017
Naphthalene	ND	0.036		mg/Kg-dry	1	8/1/2017
2-Nitroaniline	ND	0.18		mg/Kg-dry	1	8/1/2017
3-Nitroaniline	ND	0.18		mg/Kg-dry	1	8/1/2017
4-Nitroaniline	ND	0.18		mg/Kg-dry	1	8/1/2017
2-Nitrophenol	ND	0.18		mg/Kg-dry	1	8/1/2017
4-Nitrophenol	ND	0.36		mg/Kg-dry	1	8/1/2017
Nitrobenzene	ND	0.036		mg/Kg-dry	1	8/1/2017
N-Nitrosodi-n-propylamine	ND	0.036		mg/Kg-dry	1	8/1/2017
N-Nitrosodimethylamine	ND	0.18		mg/Kg-dry	1	8/1/2017
N-Nitrosodiphenylamine	ND	0.18		mg/Kg-dry	1	8/1/2017
2, 2'-oxybis(1-Chloropropane)	ND	0.18		mg/Kg-dry	1	8/1/2017
Pentachlorophenol	ND	0.073		mg/Kg-dry	1	8/1/2017
Phenanthrene	ND	0.036		mg/Kg-dry	1	8/1/2017
Phenol	ND	0.18		mg/Kg-dry	1	8/1/2017
Pyrene	ND	0.036		mg/Kg-dry	1	8/1/2017
Pyridine	ND	0.73		mg/Kg-dry	1	8/1/2017
1,2,4-Trichlorobenzene	ND	0.18		mg/Kg-dry	1	8/1/2017
2,4,5-Trichlorophenol	ND	0.18		mg/Kg-dry	1	8/1/2017
2,4,6-Trichlorophenol	ND	0.18		mg/Kg-dry	1	8/1/2017

Metals by ICP/MS SW6020 (SW3050B) Prep Date: 8/1/2017 Analyst: JG

Aluminum	3400	19		mg/Kg-dry	10	8/2/2017
Antimony	ND	1.9		mg/Kg-dry	10	8/2/2017
Arsenic	6.1	0.95		mg/Kg-dry	10	8/2/2017
Barium	18	0.95		mg/Kg-dry	10	8/2/2017
Beryllium	ND	0.48		mg/Kg-dry	10	8/2/2017

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

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

Report Date: August 07, 2017

Print Date: August 07, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-35-01 (0-5')

Work Order: 17070839 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 7/27/2017 9:40:00 AM

Lab ID: 17070839-006B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed

Metals by ICP/MS

SW6020 (SW3050B)

Prep Date: 8/1/2017

Analyst: JG

Cadmium	ND	0.48		mg/Kg-dry	10	8/2/2017
Calcium	130000	570		mg/Kg-dry	100	8/4/2017
Chromium	6.7	0.95		mg/Kg-dry	10	8/2/2017
Cobalt	4.5	0.95		mg/Kg-dry	10	8/2/2017
Copper	12	2.4		mg/Kg-dry	10	8/2/2017
Iron	13000	29		mg/Kg-dry	10	8/2/2017
Lead	7.7	0.48		mg/Kg-dry	10	8/2/2017
Magnesium	73000	29		mg/Kg-dry	10	8/2/2017
Manganese	420	0.95		mg/Kg-dry	10	8/2/2017
Nickel	11	0.95		mg/Kg-dry	10	8/2/2017
Potassium	660	29		mg/Kg-dry	10	8/2/2017
Selenium	ND	0.95		mg/Kg-dry	10	8/2/2017
Silver	ND	0.95		mg/Kg-dry	10	8/2/2017
Sodium	250	57		mg/Kg-dry	10	8/2/2017
Thallium	ND	0.95		mg/Kg-dry	10	8/2/2017
Vanadium	12	0.95		mg/Kg-dry	10	8/2/2017
Zinc	31	4.8		mg/Kg-dry	10	8/2/2017

SPLP Metals by ICP/MS

SW1312/6020 (SW3005A)

Prep Date: 7/31/2017

Analyst: JG

Arsenic	0.0066	0.0040		mg/L	2	8/1/2017
Barium	0.057	0.020		mg/L	2	8/1/2017
Beryllium	ND	0.0020		mg/L	2	8/1/2017
Cadmium	ND	0.0020		mg/L	2	8/1/2017
Chromium	0.0086	0.0040		mg/L	2	8/1/2017
Cobalt	ND	0.0040		mg/L	2	8/1/2017
Copper	ND	0.040		mg/L	2	8/1/2017
Iron	9.7	0.10		mg/L	2	8/1/2017
Lead	0.0048	0.0020		mg/L	2	8/1/2017
Manganese	0.066	0.0040		mg/L	2	8/1/2017
Nickel	0.0098	0.0040		mg/L	2	8/1/2017
Selenium	ND	0.0040		mg/L	2	8/1/2017
Silver	ND	0.0040		mg/L	2	8/1/2017
Zinc	0.036	0.020		mg/L	2	8/1/2017

TCLP Metals by ICP/MS

SW1311/6020 (SW3005A)

Prep Date: 7/31/2017

Analyst: JG

Arsenic	ND	0.010		mg/L	5	8/2/2017
Barium	0.52	0.050		mg/L	5	8/2/2017
Beryllium	ND	0.0050		mg/L	5	8/2/2017
Cadmium	ND	0.0050		mg/L	5	8/2/2017

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

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S - Spike Recovery outside accepted recovery limits

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E - Value above quantitation range

H - Holding time exceeded

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

Report Date: August 07, 2017

Print Date: August 07, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-35-01 (0-5')

Work Order: 17070839 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL

Collection Date: 7/27/2017 9:40:00 AM

Lab ID: 17070839-006B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
TCLP Metals by ICP/MS	SW1311/6020 (SW3005A)				Prep Date: 7/31/2017	Analyst: JG
Chromium	ND	0.010		mg/L	5	8/2/2017
Cobalt	ND	0.010		mg/L	5	8/2/2017
Copper	ND	0.10		mg/L	5	8/2/2017
Iron	ND	0.25		mg/L	5	8/2/2017
Lead	0.0076	0.0050		mg/L	5	8/2/2017
Manganese	0.95	0.010		mg/L	5	8/2/2017
Nickel	0.012	0.010		mg/L	5	8/2/2017
Selenium	ND	0.010		mg/L	5	8/2/2017
Silver	ND	0.010		mg/L	5	8/2/2017
Zinc	0.13	0.050		mg/L	5	8/2/2017
TCLP Mercury	SW1311/7470A				Prep Date: 8/2/2017	Analyst: LB
Mercury	ND	0.00020		mg/L	1	8/2/2017
SPLP Mercury	SW1312/7470A				Prep Date: 7/31/2017	Analyst: LB
Mercury	ND	0.00025		mg/L	1	7/31/2017
Mercury	SW7471A				Prep Date: 7/28/2017	Analyst: LB
Mercury	ND	0.018		mg/Kg-dry	1	7/31/2017
pH (25 °C)	SW9045C				Prep Date: 7/31/2017	Analyst: RW
pH	8.89			pH Units	1	7/31/2017
Percent Moisture	D2974				Prep Date: 7/28/2017	Analyst: KKA
Percent Moisture	8.3	0.2	*	wt%	1	7/29/2017

Qualifiers:

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Report Date: August 07, 2017

Print Date: August 07, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-35-01 (5-9')

Work Order: 17070839 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 7/27/2017 9:43:00 AM

Lab ID: 17070839-007A

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS		SW5035/8260B			Prep Date: 7/28/2017	Analyst: ERP
Acetone	ND	0.057		mg/Kg-dry	1	8/3/2017
Benzene	ND	0.0038		mg/Kg-dry	1	8/3/2017
Bromodichloromethane	ND	0.0038		mg/Kg-dry	1	8/3/2017
Bromoform	ND	0.0038		mg/Kg-dry	1	8/3/2017
Bromomethane	ND	0.0076		mg/Kg-dry	1	8/3/2017
2-Butanone	ND	0.057		mg/Kg-dry	1	8/3/2017
Carbon disulfide	ND	0.038		mg/Kg-dry	1	8/3/2017
Carbon tetrachloride	ND	0.0038		mg/Kg-dry	1	8/3/2017
Chlorobenzene	ND	0.0038		mg/Kg-dry	1	8/3/2017
Chloroethane	ND	0.0076		mg/Kg-dry	1	8/3/2017
Chloroform	ND	0.0038		mg/Kg-dry	1	8/3/2017
Chloromethane	ND	0.0076		mg/Kg-dry	1	8/3/2017
Dibromochloromethane	ND	0.0038		mg/Kg-dry	1	8/3/2017
1,1-Dichloroethane	ND	0.0038		mg/Kg-dry	1	8/3/2017
1,2-Dichloroethane	ND	0.0038		mg/Kg-dry	1	8/3/2017
1,1-Dichloroethene	ND	0.0038		mg/Kg-dry	1	8/3/2017
cis-1,2-Dichloroethene	ND	0.0038		mg/Kg-dry	1	8/3/2017
trans-1,2-Dichloroethene	ND	0.0038		mg/Kg-dry	1	8/3/2017
1,2-Dichloropropane	ND	0.0038		mg/Kg-dry	1	8/3/2017
cis-1,3-Dichloropropene	ND	0.0015		mg/Kg-dry	1	8/3/2017
trans-1,3-Dichloropropene	ND	0.0015		mg/Kg-dry	1	8/3/2017
Ethylbenzene	ND	0.0038		mg/Kg-dry	1	8/3/2017
2-Hexanone	ND	0.015		mg/Kg-dry	1	8/3/2017
4-Methyl-2-pentanone	ND	0.015		mg/Kg-dry	1	8/3/2017
Methylene chloride	ND	0.0076		mg/Kg-dry	1	8/3/2017
Methyl tert-butyl ether	ND	0.0038		mg/Kg-dry	1	8/3/2017
Styrene	ND	0.0038		mg/Kg-dry	1	8/3/2017
1,1,2,2-Tetrachloroethane	ND	0.0038		mg/Kg-dry	1	8/3/2017
Tetrachloroethene	ND	0.0038		mg/Kg-dry	1	8/3/2017
Toluene	ND	0.0038		mg/Kg-dry	1	8/3/2017
1,1,1-Trichloroethane	ND	0.0038		mg/Kg-dry	1	8/3/2017
1,1,2-Trichloroethane	ND	0.0038		mg/Kg-dry	1	8/3/2017
Trichloroethene	ND	0.0038		mg/Kg-dry	1	8/3/2017
Vinyl chloride	ND	0.0038		mg/Kg-dry	1	8/3/2017
Xylenes, Total	ND	0.011		mg/Kg-dry	1	8/3/2017

Qualifiers:

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Report Date: August 07, 2017

Print Date: August 07, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-35-01 (5-9')

Work Order: 17070839 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL

Collection Date: 7/27/2017 9:43:00 AM

Lab ID: 17070839-007B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed

Semivolatile Organic Compounds by GC/MS	SW8270C (SW3550B)			Prep Date: 7/31/2017		Analyst: DM

Acenaphthene	ND	0.036		mg/Kg-dry	1	8/1/2017
Acenaphthylene	ND	0.036		mg/Kg-dry	1	8/1/2017
Aniline	ND	0.36		mg/Kg-dry	1	8/1/2017
Anthracene	ND	0.036		mg/Kg-dry	1	8/1/2017
Benz(a)anthracene	ND	0.036		mg/Kg-dry	1	8/1/2017
Benzidine	ND	0.36		mg/Kg-dry	1	8/1/2017
Benzo(a)pyrene	ND	0.036		mg/Kg-dry	1	8/1/2017
Benzo(b)fluoranthene	ND	0.036		mg/Kg-dry	1	8/1/2017
Benzo(g,h,i)perylene	ND	0.036		mg/Kg-dry	1	8/1/2017
Benzo(k)fluoranthene	ND	0.036		mg/Kg-dry	1	8/1/2017
Benzoic acid	ND	0.90		mg/Kg-dry	1	8/1/2017
Benzyl alcohol	ND	0.18		mg/Kg-dry	1	8/1/2017
Bis(2-chloroethoxy)methane	ND	0.18		mg/Kg-dry	1	8/1/2017
Bis(2-chloroethyl)ether	ND	0.18		mg/Kg-dry	1	8/1/2017
Bis(2-ethylhexyl)phthalate	ND	0.90		mg/Kg-dry	1	8/1/2017
4-Bromophenyl phenyl ether	ND	0.18		mg/Kg-dry	1	8/1/2017
Butyl benzyl phthalate	ND	0.18		mg/Kg-dry	1	8/1/2017
Carbazole	ND	0.18		mg/Kg-dry	1	8/1/2017
4-Chloroaniline	ND	0.18		mg/Kg-dry	1	8/1/2017
4-Chloro-3-methylphenol	ND	0.36		mg/Kg-dry	1	8/1/2017
2-Chloronaphthalene	ND	0.18		mg/Kg-dry	1	8/1/2017
2-Chlorophenol	ND	0.18		mg/Kg-dry	1	8/1/2017
4-Chlorophenyl phenyl ether	ND	0.18		mg/Kg-dry	1	8/1/2017
Chrysene	ND	0.036		mg/Kg-dry	1	8/1/2017
Dibenz(a,h)anthracene	ND	0.036		mg/Kg-dry	1	8/1/2017
Dibenzofuran	ND	0.18		mg/Kg-dry	1	8/1/2017
1,2-Dichlorobenzene	ND	0.18		mg/Kg-dry	1	8/1/2017
1,3-Dichlorobenzene	ND	0.18		mg/Kg-dry	1	8/1/2017
1,4-Dichlorobenzene	ND	0.18		mg/Kg-dry	1	8/1/2017
3,3'-Dichlorobenzidine	ND	0.18		mg/Kg-dry	1	8/1/2017
2,4-Dichlorophenol	ND	0.18		mg/Kg-dry	1	8/1/2017
Diethyl phthalate	ND	0.18		mg/Kg-dry	1	8/1/2017
2,4-Dimethylphenol	ND	0.18		mg/Kg-dry	1	8/1/2017
Dimethyl phthalate	ND	0.18		mg/Kg-dry	1	8/1/2017
4,6-Dinitro-2-methylphenol	ND	0.36		mg/Kg-dry	1	8/1/2017
2,4-Dinitrophenol	ND	0.90		mg/Kg-dry	1	8/1/2017
2,4-Dinitrotoluene	ND	0.036		mg/Kg-dry	1	8/1/2017
2,6-Dinitrotoluene	ND	0.036		mg/Kg-dry	1	8/1/2017

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

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Report Date: August 07, 2017

Print Date: August 07, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-35-01 (5-9')

Work Order: 17070839 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL

Collection Date: 7/27/2017 9:43:00 AM

Lab ID: 17070839-007B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed

Semivolatile Organic Compounds by GC/MS SW8270C (SW3550B) Prep Date: 7/31/2017 Analyst: DM

Di-n-butyl phthalate	ND	0.18		mg/Kg-dry	1	8/1/2017
Di-n-octyl phthalate	ND	0.18		mg/Kg-dry	1	8/1/2017
Fluoranthene	ND	0.036		mg/Kg-dry	1	8/1/2017
Fluorene	ND	0.036		mg/Kg-dry	1	8/1/2017
Hexachlorobenzene	ND	0.18		mg/Kg-dry	1	8/1/2017
Hexachlorobutadiene	ND	0.18		mg/Kg-dry	1	8/1/2017
Hexachlorocyclopentadiene	ND	0.18		mg/Kg-dry	1	8/1/2017
Hexachloroethane	ND	0.18		mg/Kg-dry	1	8/1/2017
Indeno(1,2,3-cd)pyrene	ND	0.036		mg/Kg-dry	1	8/1/2017
Isophorone	ND	0.18		mg/Kg-dry	1	8/1/2017
2-Methylnaphthalene	ND	0.18		mg/Kg-dry	1	8/1/2017
2-Methylphenol	ND	0.18		mg/Kg-dry	1	8/1/2017
4-Methylphenol	ND	0.18		mg/Kg-dry	1	8/1/2017
Naphthalene	ND	0.036		mg/Kg-dry	1	8/1/2017
2-Nitroaniline	ND	0.18		mg/Kg-dry	1	8/1/2017
3-Nitroaniline	ND	0.18		mg/Kg-dry	1	8/1/2017
4-Nitroaniline	ND	0.18		mg/Kg-dry	1	8/1/2017
2-Nitrophenol	ND	0.18		mg/Kg-dry	1	8/1/2017
4-Nitrophenol	ND	0.36		mg/Kg-dry	1	8/1/2017
Nitrobenzene	ND	0.036		mg/Kg-dry	1	8/1/2017
N-Nitrosodi-n-propylamine	ND	0.036		mg/Kg-dry	1	8/1/2017
N-Nitrosodimethylamine	ND	0.18		mg/Kg-dry	1	8/1/2017
N-Nitrosodiphenylamine	ND	0.18		mg/Kg-dry	1	8/1/2017
2, 2'-oxybis(1-Chloropropane)	ND	0.18		mg/Kg-dry	1	8/1/2017
Pentachlorophenol	ND	0.073		mg/Kg-dry	1	8/1/2017
Phenanthrene	ND	0.036		mg/Kg-dry	1	8/1/2017
Phenol	ND	0.18		mg/Kg-dry	1	8/1/2017
Pyrene	ND	0.036		mg/Kg-dry	1	8/1/2017
Pyridine	ND	0.73		mg/Kg-dry	1	8/1/2017
1,2,4-Trichlorobenzene	ND	0.18		mg/Kg-dry	1	8/1/2017
2,4,5-Trichlorophenol	ND	0.18		mg/Kg-dry	1	8/1/2017
2,4,6-Trichlorophenol	ND	0.18		mg/Kg-dry	1	8/1/2017

Metals by ICP/MS SW6020 (SW3050B) Prep Date: 8/1/2017 Analyst: JG

Aluminum	2600	20		mg/Kg-dry	10	8/2/2017
Antimony	ND	2.0		mg/Kg-dry	10	8/2/2017
Arsenic	6.7	0.99		mg/Kg-dry	10	8/2/2017
Barium	12	0.99		mg/Kg-dry	10	8/2/2017
Beryllium	ND	0.49		mg/Kg-dry	10	8/2/2017

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

Report Date: August 07, 2017

Print Date: August 07, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-35-01 (5-9')

Work Order: 17070839 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL

Collection Date: 7/27/2017 9:43:00 AM

Lab ID: 17070839-007B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed

Metals by ICP/MS

SW6020 (SW3050B)

Prep Date: 8/1/2017

Analyst: JG

Cadmium	ND	0.49		mg/Kg-dry	10	8/2/2017
Calcium	150000	590		mg/Kg-dry	100	8/4/2017
Chromium	6.4	0.99		mg/Kg-dry	10	8/2/2017
Cobalt	3.4	0.99		mg/Kg-dry	10	8/2/2017
Copper	7.3	2.5		mg/Kg-dry	10	8/2/2017
Iron	11000	30		mg/Kg-dry	10	8/2/2017
Lead	5.3	0.49		mg/Kg-dry	10	8/2/2017
Magnesium	76000	30		mg/Kg-dry	10	8/2/2017
Manganese	270	0.99		mg/Kg-dry	10	8/2/2017
Nickel	7.3	0.99		mg/Kg-dry	10	8/2/2017
Potassium	580	30		mg/Kg-dry	10	8/2/2017
Selenium	ND	0.99		mg/Kg-dry	10	8/2/2017
Silver	ND	0.99		mg/Kg-dry	10	8/2/2017
Sodium	220	59		mg/Kg-dry	10	8/2/2017
Thallium	ND	0.99		mg/Kg-dry	10	8/2/2017
Vanadium	11	0.99		mg/Kg-dry	10	8/2/2017
Zinc	21	4.9		mg/Kg-dry	10	8/2/2017

SPLP Metals by ICP/MS

SW1312/6020 (SW3005A)

Prep Date: 7/31/2017

Analyst: JG

Arsenic	ND	0.0040		mg/L	2	8/1/2017
Barium	0.032	0.020		mg/L	2	8/1/2017
Beryllium	ND	0.0020		mg/L	2	8/1/2017
Cadmium	ND	0.0020		mg/L	2	8/1/2017
Chromium	0.0047	0.0040		mg/L	2	8/1/2017
Cobalt	ND	0.0040		mg/L	2	8/1/2017
Copper	ND	0.040		mg/L	2	8/1/2017
Iron	3.2	0.10		mg/L	2	8/1/2017
Lead	ND	0.0020		mg/L	2	8/1/2017
Manganese	0.019	0.0040		mg/L	2	8/1/2017
Nickel	ND	0.0040		mg/L	2	8/1/2017
Selenium	ND	0.0040		mg/L	2	8/1/2017
Silver	ND	0.0040		mg/L	2	8/1/2017
Zinc	ND	0.020		mg/L	2	8/1/2017

TCLP Metals by ICP/MS

SW1311/6020 (SW3005A)

Prep Date: 7/31/2017

Analyst: JG

Arsenic	ND	0.010		mg/L	5	8/2/2017
Barium	0.46	0.050		mg/L	5	8/2/2017
Beryllium	ND	0.0050		mg/L	5	8/2/2017
Cadmium	ND	0.0050		mg/L	5	8/2/2017

Qualifiers:

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E - Value above quantitation range

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

Report Date: August 07, 2017

Print Date: August 07, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-35-01 (5-9')

Work Order: 17070839 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 7/27/2017 9:43:00 AM

Lab ID: 17070839-007B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
TCLP Metals by ICP/MS	SW1311/6020 (SW3005A)		Prep Date: 7/31/2017		Analyst: JG	
Chromium	ND	0.010		mg/L	5	8/2/2017
Cobalt	ND	0.010		mg/L	5	8/2/2017
Copper	ND	0.10		mg/L	5	8/2/2017
Iron	ND	0.25		mg/L	5	8/2/2017
Lead	0.014	0.0050		mg/L	5	8/2/2017
Manganese	1.3	0.010		mg/L	5	8/2/2017
Nickel	0.021	0.010		mg/L	5	8/2/2017
Selenium	ND	0.010		mg/L	5	8/2/2017
Silver	ND	0.010		mg/L	5	8/2/2017
Zinc	0.13	0.050		mg/L	5	8/2/2017
TCLP Mercury	SW1311/7470A		Prep Date: 8/2/2017		Analyst: LB	
Mercury	ND	0.00020		mg/L	1	8/2/2017
SPLP Mercury	SW1312/7470A		Prep Date: 7/31/2017		Analyst: LB	
Mercury	ND	0.00025		mg/L	1	7/31/2017
Mercury	SW7471A		Prep Date: 7/28/2017		Analyst: LB	
Mercury	ND	0.016		mg/Kg-dry	1	7/31/2017
pH (25 °C)	SW9045C		Prep Date: 7/31/2017		Analyst: RW	
pH	8.59			pH Units	1	7/31/2017
Percent Moisture	D2974		Prep Date: 7/28/2017		Analyst: KKA	
Percent Moisture	8.5	0.2	*	wt%	1	7/29/2017

Qualifiers:

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Report Date: August 07, 2017

Print Date: August 07, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-37-01 (0-3.5')

Work Order: 17070839 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 7/27/2017 9:15:00 AM

Lab ID: 17070839-013A

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS		SW5035/8260B			Prep Date: 7/28/2017	Analyst: JNM
Acetone	ND	0.064		mg/Kg-dry	1	8/4/2017
Benzene	ND	0.0043		mg/Kg-dry	1	8/4/2017
Bromodichloromethane	ND	0.0043		mg/Kg-dry	1	8/4/2017
Bromoform	ND	0.0043		mg/Kg-dry	1	8/4/2017
Bromomethane	ND	0.0085		mg/Kg-dry	1	8/4/2017
2-Butanone	ND	0.064		mg/Kg-dry	1	8/4/2017
Carbon disulfide	ND	0.043		mg/Kg-dry	1	8/4/2017
Carbon tetrachloride	ND	0.0043		mg/Kg-dry	1	8/4/2017
Chlorobenzene	ND	0.0043		mg/Kg-dry	1	8/4/2017
Chloroethane	ND	0.0085		mg/Kg-dry	1	8/4/2017
Chloroform	ND	0.0043		mg/Kg-dry	1	8/4/2017
Chloromethane	ND	0.0085		mg/Kg-dry	1	8/4/2017
Dibromochloromethane	ND	0.0043		mg/Kg-dry	1	8/4/2017
1,1-Dichloroethane	ND	0.0043		mg/Kg-dry	1	8/4/2017
1,2-Dichloroethane	ND	0.0043		mg/Kg-dry	1	8/4/2017
1,1-Dichloroethene	ND	0.0043		mg/Kg-dry	1	8/4/2017
cis-1,2-Dichloroethene	ND	0.0043		mg/Kg-dry	1	8/4/2017
trans-1,2-Dichloroethene	ND	0.0043		mg/Kg-dry	1	8/4/2017
1,2-Dichloropropane	ND	0.0043		mg/Kg-dry	1	8/4/2017
cis-1,3-Dichloropropene	ND	0.0017		mg/Kg-dry	1	8/4/2017
trans-1,3-Dichloropropene	ND	0.0017		mg/Kg-dry	1	8/4/2017
Ethylbenzene	ND	0.0043		mg/Kg-dry	1	8/4/2017
2-Hexanone	ND	0.017		mg/Kg-dry	1	8/4/2017
4-Methyl-2-pentanone	ND	0.017		mg/Kg-dry	1	8/4/2017
Methylene chloride	ND	0.0085		mg/Kg-dry	1	8/4/2017
Methyl tert-butyl ether	ND	0.0043		mg/Kg-dry	1	8/4/2017
Styrene	ND	0.0043		mg/Kg-dry	1	8/4/2017
1,1,2,2-Tetrachloroethane	ND	0.0043		mg/Kg-dry	1	8/4/2017
Tetrachloroethene	ND	0.0043		mg/Kg-dry	1	8/4/2017
Toluene	ND	0.0043		mg/Kg-dry	1	8/4/2017
1,1,1-Trichloroethane	ND	0.0043		mg/Kg-dry	1	8/4/2017
1,1,2-Trichloroethane	ND	0.0043		mg/Kg-dry	1	8/4/2017
Trichloroethene	ND	0.0043		mg/Kg-dry	1	8/4/2017
Vinyl chloride	ND	0.0043		mg/Kg-dry	1	8/4/2017
Xylenes, Total	ND	0.013		mg/Kg-dry	1	8/4/2017

Qualifiers:

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Report Date: August 07, 2017

Print Date: August 07, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-37-01 (0-3.5')

Work Order: 17070839 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 7/27/2017 9:15:00 AM

Lab ID: 17070839-013B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed

Semivolatile Organic Compounds by GC/MS	SW8270C (SW3550B)			Prep Date: 7/31/2017	Analyst: DM	

Acenaphthene	ND	0.037		mg/Kg-dry	1	8/1/2017
Acenaphthylene	ND	0.037		mg/Kg-dry	1	8/1/2017
Aniline	ND	0.37		mg/Kg-dry	1	8/1/2017
Anthracene	ND	0.037		mg/Kg-dry	1	8/1/2017
Benz(a)anthracene	ND	0.037		mg/Kg-dry	1	8/1/2017
Benzidine	ND	0.37		mg/Kg-dry	1	8/1/2017
Benzo(a)pyrene	ND	0.037		mg/Kg-dry	1	8/1/2017
Benzo(b)fluoranthene	ND	0.037		mg/Kg-dry	1	8/1/2017
Benzo(g,h,i)perylene	ND	0.037		mg/Kg-dry	1	8/1/2017
Benzo(k)fluoranthene	ND	0.037		mg/Kg-dry	1	8/1/2017
Benzoic acid	ND	0.92		mg/Kg-dry	1	8/1/2017
Benzyl alcohol	ND	0.19		mg/Kg-dry	1	8/1/2017
Bis(2-chloroethoxy)methane	ND	0.19		mg/Kg-dry	1	8/1/2017
Bis(2-chloroethyl)ether	ND	0.19		mg/Kg-dry	1	8/1/2017
Bis(2-ethylhexyl)phthalate	ND	0.92		mg/Kg-dry	1	8/1/2017
4-Bromophenyl phenyl ether	ND	0.19		mg/Kg-dry	1	8/1/2017
Butyl benzyl phthalate	ND	0.19		mg/Kg-dry	1	8/1/2017
Carbazole	ND	0.19		mg/Kg-dry	1	8/1/2017
4-Chloroaniline	ND	0.19		mg/Kg-dry	1	8/1/2017
4-Chloro-3-methylphenol	ND	0.37		mg/Kg-dry	1	8/1/2017
2-Chloronaphthalene	ND	0.19		mg/Kg-dry	1	8/1/2017
2-Chlorophenol	ND	0.19		mg/Kg-dry	1	8/1/2017
4-Chlorophenyl phenyl ether	ND	0.19		mg/Kg-dry	1	8/1/2017
Chrysene	ND	0.037		mg/Kg-dry	1	8/1/2017
Dibenz(a,h)anthracene	ND	0.037		mg/Kg-dry	1	8/1/2017
Dibenzofuran	ND	0.19		mg/Kg-dry	1	8/1/2017
1,2-Dichlorobenzene	ND	0.19		mg/Kg-dry	1	8/1/2017
1,3-Dichlorobenzene	ND	0.19		mg/Kg-dry	1	8/1/2017
1,4-Dichlorobenzene	ND	0.19		mg/Kg-dry	1	8/1/2017
3,3'-Dichlorobenzidine	ND	0.19		mg/Kg-dry	1	8/1/2017
2,4-Dichlorophenol	ND	0.19		mg/Kg-dry	1	8/1/2017
Diethyl phthalate	ND	0.19		mg/Kg-dry	1	8/1/2017
2,4-Dimethylphenol	ND	0.19		mg/Kg-dry	1	8/1/2017
Dimethyl phthalate	ND	0.19		mg/Kg-dry	1	8/1/2017
4,6-Dinitro-2-methylphenol	ND	0.37		mg/Kg-dry	1	8/1/2017
2,4-Dinitrophenol	ND	0.92		mg/Kg-dry	1	8/1/2017
2,4-Dinitrotoluene	ND	0.037		mg/Kg-dry	1	8/1/2017
2,6-Dinitrotoluene	ND	0.037		mg/Kg-dry	1	8/1/2017

Qualifiers:

ND - Not Detected at the Reporting Limit

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B - Analyte detected in the associated Method Blank

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Report Date: August 07, 2017

Print Date: August 07, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-37-01 (0-3.5')

Work Order: 17070839 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 7/27/2017 9:15:00 AM

Lab ID: 17070839-013B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed

Semivolatile Organic Compounds by GC/MS SW8270C (SW3550B) Prep Date: 7/31/2017 Analyst: DM

Di-n-butyl phthalate	ND	0.19		mg/Kg-dry	1	8/1/2017
Di-n-octyl phthalate	ND	0.19		mg/Kg-dry	1	8/1/2017
Fluoranthene	ND	0.037		mg/Kg-dry	1	8/1/2017
Fluorene	ND	0.037		mg/Kg-dry	1	8/1/2017
Hexachlorobenzene	ND	0.19		mg/Kg-dry	1	8/1/2017
Hexachlorobutadiene	ND	0.19		mg/Kg-dry	1	8/1/2017
Hexachlorocyclopentadiene	ND	0.19		mg/Kg-dry	1	8/1/2017
Hexachloroethane	ND	0.19		mg/Kg-dry	1	8/1/2017
Indeno(1,2,3-cd)pyrene	ND	0.037		mg/Kg-dry	1	8/1/2017
Isophorone	ND	0.19		mg/Kg-dry	1	8/1/2017
2-Methylnaphthalene	ND	0.19		mg/Kg-dry	1	8/1/2017
2-Methylphenol	ND	0.19		mg/Kg-dry	1	8/1/2017
4-Methylphenol	ND	0.19		mg/Kg-dry	1	8/1/2017
Naphthalene	ND	0.037		mg/Kg-dry	1	8/1/2017
2-Nitroaniline	ND	0.19		mg/Kg-dry	1	8/1/2017
3-Nitroaniline	ND	0.19		mg/Kg-dry	1	8/1/2017
4-Nitroaniline	ND	0.19		mg/Kg-dry	1	8/1/2017
2-Nitrophenol	ND	0.19		mg/Kg-dry	1	8/1/2017
4-Nitrophenol	ND	0.37		mg/Kg-dry	1	8/1/2017
Nitrobenzene	ND	0.037		mg/Kg-dry	1	8/1/2017
N-Nitrosodi-n-propylamine	ND	0.037		mg/Kg-dry	1	8/1/2017
N-Nitrosodimethylamine	ND	0.19		mg/Kg-dry	1	8/1/2017
N-Nitrosodiphenylamine	ND	0.19		mg/Kg-dry	1	8/1/2017
2, 2'-oxybis(1-Chloropropane)	ND	0.19		mg/Kg-dry	1	8/1/2017
Pentachlorophenol	ND	0.075		mg/Kg-dry	1	8/1/2017
Phenanthrene	ND	0.037		mg/Kg-dry	1	8/1/2017
Phenol	ND	0.19		mg/Kg-dry	1	8/1/2017
Pyrene	ND	0.037		mg/Kg-dry	1	8/1/2017
Pyridine	ND	0.75		mg/Kg-dry	1	8/1/2017
1,2,4-Trichlorobenzene	ND	0.19		mg/Kg-dry	1	8/1/2017
2,4,5-Trichlorophenol	ND	0.19		mg/Kg-dry	1	8/1/2017
2,4,6-Trichlorophenol	ND	0.19		mg/Kg-dry	1	8/1/2017

Metals by ICP/MS SW6020 (SW3050B) Prep Date: 8/1/2017 Analyst: JG

Aluminum	12000	20		mg/Kg-dry	10	8/2/2017
Antimony	ND	2.0		mg/Kg-dry	10	8/2/2017
Arsenic	10	0.98		mg/Kg-dry	10	8/2/2017
Barium	52	0.98		mg/Kg-dry	10	8/2/2017
Beryllium	0.69	0.49		mg/Kg-dry	10	8/2/2017

Qualifiers:

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Report Date: August 07, 2017

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ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-37-01 (0-3.5')

Work Order: 17070839 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 7/27/2017 9:15:00 AM

Lab ID: 17070839-013B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed

Metals by ICP/MS

SW6020 (SW3050B)

Prep Date: 8/1/2017

Analyst: JG

Cadmium	ND	0.49		mg/Kg-dry	10	8/2/2017
Calcium	100000	59		mg/Kg-dry	10	8/2/2017
Chromium	20	0.98		mg/Kg-dry	10	8/2/2017
Cobalt	10	0.98		mg/Kg-dry	10	8/2/2017
Copper	21	2.4		mg/Kg-dry	10	8/2/2017
Iron	24000	29		mg/Kg-dry	10	8/2/2017
Lead	14	0.49		mg/Kg-dry	10	8/2/2017
Magnesium	55000	29		mg/Kg-dry	10	8/2/2017
Manganese	480	0.98		mg/Kg-dry	10	8/2/2017
Nickel	28	0.98		mg/Kg-dry	10	8/2/2017
Potassium	1900	29		mg/Kg-dry	10	8/2/2017
Selenium	ND	0.98		mg/Kg-dry	10	8/2/2017
Silver	ND	0.98		mg/Kg-dry	10	8/2/2017
Sodium	930	59		mg/Kg-dry	10	8/2/2017
Thallium	ND	0.98		mg/Kg-dry	10	8/2/2017
Vanadium	24	0.98		mg/Kg-dry	10	8/2/2017
Zinc	56	4.9		mg/Kg-dry	10	8/2/2017

SPLP Metals by ICP/MS

SW1312/6020 (SW3005A)

Prep Date: 7/31/2017

Analyst: JG

Arsenic	0.0045	0.0040		mg/L	2	8/1/2017
Barium	0.047	0.020		mg/L	2	8/1/2017
Beryllium	ND	0.0020		mg/L	2	8/1/2017
Cadmium	ND	0.0020		mg/L	2	8/1/2017
Chromium	0.0077	0.0040		mg/L	2	8/1/2017
Cobalt	ND	0.0040		mg/L	2	8/1/2017
Copper	ND	0.040		mg/L	2	8/1/2017
Iron	5.7	0.10		mg/L	2	8/1/2017
Lead	0.0023	0.0020		mg/L	2	8/1/2017
Manganese	0.037	0.0040		mg/L	2	8/1/2017
Nickel	0.0070	0.0040		mg/L	2	8/1/2017
Selenium	ND	0.0040		mg/L	2	8/1/2017
Silver	ND	0.0040		mg/L	2	8/1/2017
Zinc	ND	0.020		mg/L	2	8/1/2017

TCLP Metals by ICP/MS

SW1311/6020 (SW3005A)

Prep Date: 8/2/2017

Analyst: JG

Arsenic	ND	0.010		mg/L	5	8/2/2017
Barium	0.50	0.050		mg/L	5	8/2/2017
Beryllium	ND	0.0050		mg/L	5	8/2/2017
Cadmium	ND	0.0050		mg/L	5	8/2/2017

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

HT - Sample received past holding time

* - Non-accredited parameter

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R - RPD outside accepted recovery limits

E - Value above quantitation range

H - Holding time exceeded

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

Report Date: August 07, 2017

Print Date: August 07, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-37-01 (0-3.5')

Work Order: 17070839 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL

Collection Date: 7/27/2017 9:15:00 AM

Lab ID: 17070839-013B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
TCLP Metals by ICP/MS	SW1311/6020 (SW3005A)		Prep Date: 8/2/2017		Analyst: JG	
Chromium	ND	0.010		mg/L	5	8/2/2017
Cobalt	0.066	0.010		mg/L	5	8/2/2017
Copper	ND	0.10		mg/L	5	8/2/2017
Iron	ND	0.25		mg/L	5	8/2/2017
Lead	ND	0.0050		mg/L	5	8/2/2017
Manganese	6.6	0.010		mg/L	5	8/2/2017
Nickel	0.11	0.010		mg/L	5	8/2/2017
Selenium	ND	0.010		mg/L	5	8/2/2017
Silver	ND	0.010		mg/L	5	8/2/2017
Zinc	0.19	0.050		mg/L	5	8/2/2017
TCLP Mercury	SW1311/7470A		Prep Date: 8/2/2017		Analyst: LB	
Mercury	ND	0.00020		mg/L	1	8/2/2017
SPLP Mercury	SW1312/7470A		Prep Date: 7/31/2017		Analyst: LB	
Mercury	ND	0.00025		mg/L	1	7/31/2017
Mercury	SW7471A		Prep Date: 7/28/2017		Analyst: LB	
Mercury	ND	0.020		mg/Kg-dry	1	7/31/2017
pH (25 °C)	SW9045C		Prep Date: 7/31/2017		Analyst: RW	
pH	8.64			pH Units	1	7/31/2017
Percent Moisture	D2974		Prep Date: 7/28/2017		Analyst: KKA	
Percent Moisture	10.9	0.2	*	wt%	1	7/29/2017

Qualifiers:

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Report Date: August 07, 2017

Print Date: August 07, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-41-04 (0-3.5')

Work Order: 17070839 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL

Collection Date: 7/27/2017 10:35:00 AM

Lab ID: 17070839-019A

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS		SW5035/8260B		Prep Date: 7/28/2017		Analyst: ERP
Acetone	ND	0.079		mg/Kg-dry	1	8/3/2017
Benzene	ND	0.0052		mg/Kg-dry	1	8/3/2017
Bromodichloromethane	ND	0.0052		mg/Kg-dry	1	8/3/2017
Bromoform	ND	0.0052		mg/Kg-dry	1	8/3/2017
Bromomethane	ND	0.010		mg/Kg-dry	1	8/3/2017
2-Butanone	ND	0.079		mg/Kg-dry	1	8/3/2017
Carbon disulfide	ND	0.052		mg/Kg-dry	1	8/3/2017
Carbon tetrachloride	ND	0.0052		mg/Kg-dry	1	8/3/2017
Chlorobenzene	ND	0.0052		mg/Kg-dry	1	8/3/2017
Chloroethane	ND	0.010		mg/Kg-dry	1	8/3/2017
Chloroform	ND	0.0052		mg/Kg-dry	1	8/3/2017
Chloromethane	ND	0.010		mg/Kg-dry	1	8/3/2017
Dibromochloromethane	ND	0.0052		mg/Kg-dry	1	8/3/2017
1,1-Dichloroethane	ND	0.0052		mg/Kg-dry	1	8/3/2017
1,2-Dichloroethane	ND	0.0052		mg/Kg-dry	1	8/3/2017
1,1-Dichloroethene	ND	0.0052		mg/Kg-dry	1	8/3/2017
cis-1,2-Dichloroethene	ND	0.0052		mg/Kg-dry	1	8/3/2017
trans-1,2-Dichloroethene	ND	0.0052		mg/Kg-dry	1	8/3/2017
1,2-Dichloropropane	ND	0.0052		mg/Kg-dry	1	8/3/2017
cis-1,3-Dichloropropene	ND	0.0021		mg/Kg-dry	1	8/3/2017
trans-1,3-Dichloropropene	ND	0.0021		mg/Kg-dry	1	8/3/2017
Ethylbenzene	ND	0.0052		mg/Kg-dry	1	8/3/2017
2-Hexanone	ND	0.021		mg/Kg-dry	1	8/3/2017
4-Methyl-2-pentanone	ND	0.021		mg/Kg-dry	1	8/3/2017
Methylene chloride	ND	0.010		mg/Kg-dry	1	8/3/2017
Methyl tert-butyl ether	ND	0.0052		mg/Kg-dry	1	8/3/2017
Styrene	ND	0.0052		mg/Kg-dry	1	8/3/2017
1,1,2,2-Tetrachloroethane	ND	0.0052		mg/Kg-dry	1	8/3/2017
Tetrachloroethene	ND	0.0052		mg/Kg-dry	1	8/3/2017
Toluene	ND	0.0052		mg/Kg-dry	1	8/3/2017
1,1,1-Trichloroethane	ND	0.0052		mg/Kg-dry	1	8/3/2017
1,1,2-Trichloroethane	ND	0.0052		mg/Kg-dry	1	8/3/2017
Trichloroethene	ND	0.0052		mg/Kg-dry	1	8/3/2017
Vinyl chloride	ND	0.0052		mg/Kg-dry	1	8/3/2017
Xylenes, Total	ND	0.016		mg/Kg-dry	1	8/3/2017

Qualifiers:

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Report Date: August 07, 2017

Print Date: August 07, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-41-04 (0-3.5')

Work Order: 17070839 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 7/27/2017 10:35:00 AM

Lab ID: 17070839-019B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed

Semivolatile Organic Compounds by GC/MS	SW8270C (SW3550B)			Prep Date: 7/31/2017		Analyst: DM

Acenaphthene	ND	0.037		mg/Kg-dry	1	8/1/2017
Acenaphthylene	ND	0.037		mg/Kg-dry	1	8/1/2017
Aniline	ND	0.37		mg/Kg-dry	1	8/1/2017
Anthracene	ND	0.037		mg/Kg-dry	1	8/1/2017
Benz(a)anthracene	ND	0.037		mg/Kg-dry	1	8/1/2017
Benzidine	ND	0.37		mg/Kg-dry	1	8/1/2017
Benzo(a)pyrene	ND	0.037		mg/Kg-dry	1	8/1/2017
Benzo(b)fluoranthene	ND	0.037		mg/Kg-dry	1	8/1/2017
Benzo(g,h,i)perylene	ND	0.037		mg/Kg-dry	1	8/1/2017
Benzo(k)fluoranthene	ND	0.037		mg/Kg-dry	1	8/1/2017
Benzoic acid	ND	0.93		mg/Kg-dry	1	8/1/2017
Benzyl alcohol	ND	0.19		mg/Kg-dry	1	8/1/2017
Bis(2-chloroethoxy)methane	ND	0.19		mg/Kg-dry	1	8/1/2017
Bis(2-chloroethyl)ether	ND	0.19		mg/Kg-dry	1	8/1/2017
Bis(2-ethylhexyl)phthalate	ND	0.93		mg/Kg-dry	1	8/1/2017
4-Bromophenyl phenyl ether	ND	0.19		mg/Kg-dry	1	8/1/2017
Butyl benzyl phthalate	ND	0.19		mg/Kg-dry	1	8/1/2017
Carbazole	ND	0.19		mg/Kg-dry	1	8/1/2017
4-Chloroaniline	ND	0.19		mg/Kg-dry	1	8/1/2017
4-Chloro-3-methylphenol	ND	0.37		mg/Kg-dry	1	8/1/2017
2-Chloronaphthalene	ND	0.19		mg/Kg-dry	1	8/1/2017
2-Chlorophenol	ND	0.19		mg/Kg-dry	1	8/1/2017
4-Chlorophenyl phenyl ether	ND	0.19		mg/Kg-dry	1	8/1/2017
Chrysene	ND	0.037		mg/Kg-dry	1	8/1/2017
Dibenz(a,h)anthracene	ND	0.037		mg/Kg-dry	1	8/1/2017
Dibenzofuran	ND	0.19		mg/Kg-dry	1	8/1/2017
1,2-Dichlorobenzene	ND	0.19		mg/Kg-dry	1	8/1/2017
1,3-Dichlorobenzene	ND	0.19		mg/Kg-dry	1	8/1/2017
1,4-Dichlorobenzene	ND	0.19		mg/Kg-dry	1	8/1/2017
3,3'-Dichlorobenzidine	ND	0.19		mg/Kg-dry	1	8/1/2017
2,4-Dichlorophenol	ND	0.19		mg/Kg-dry	1	8/1/2017
Diethyl phthalate	ND	0.19		mg/Kg-dry	1	8/1/2017
2,4-Dimethylphenol	ND	0.19		mg/Kg-dry	1	8/1/2017
Dimethyl phthalate	ND	0.19		mg/Kg-dry	1	8/1/2017
4,6-Dinitro-2-methylphenol	ND	0.37		mg/Kg-dry	1	8/1/2017
2,4-Dinitrophenol	ND	0.93		mg/Kg-dry	1	8/1/2017
2,4-Dinitrotoluene	ND	0.037		mg/Kg-dry	1	8/1/2017
2,6-Dinitrotoluene	ND	0.037		mg/Kg-dry	1	8/1/2017

Qualifiers:

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

Report Date: August 07, 2017

Print Date: August 07, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-41-04 (0-3.5')

Work Order: 17070839 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 7/27/2017 10:35:00 AM

Lab ID: 17070839-019B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed

Semivolatile Organic Compounds by GC/MS SW8270C (SW3550B) Prep Date: 7/31/2017 Analyst: DM

Di-n-butyl phthalate	ND	0.19		mg/Kg-dry	1	8/1/2017
Di-n-octyl phthalate	ND	0.19		mg/Kg-dry	1	8/1/2017
Fluoranthene	ND	0.037		mg/Kg-dry	1	8/1/2017
Fluorene	ND	0.037		mg/Kg-dry	1	8/1/2017
Hexachlorobenzene	ND	0.19		mg/Kg-dry	1	8/1/2017
Hexachlorobutadiene	ND	0.19		mg/Kg-dry	1	8/1/2017
Hexachlorocyclopentadiene	ND	0.19		mg/Kg-dry	1	8/1/2017
Hexachloroethane	ND	0.19		mg/Kg-dry	1	8/1/2017
Indeno(1,2,3-cd)pyrene	ND	0.037		mg/Kg-dry	1	8/1/2017
Isophorone	ND	0.19		mg/Kg-dry	1	8/1/2017
2-Methylnaphthalene	ND	0.19		mg/Kg-dry	1	8/1/2017
2-Methylphenol	ND	0.19		mg/Kg-dry	1	8/1/2017
4-Methylphenol	ND	0.19		mg/Kg-dry	1	8/1/2017
Naphthalene	ND	0.037		mg/Kg-dry	1	8/1/2017
2-Nitroaniline	ND	0.19		mg/Kg-dry	1	8/1/2017
3-Nitroaniline	ND	0.19		mg/Kg-dry	1	8/1/2017
4-Nitroaniline	ND	0.19		mg/Kg-dry	1	8/1/2017
2-Nitrophenol	ND	0.19		mg/Kg-dry	1	8/1/2017
4-Nitrophenol	ND	0.37		mg/Kg-dry	1	8/1/2017
Nitrobenzene	ND	0.037		mg/Kg-dry	1	8/1/2017
N-Nitrosodi-n-propylamine	ND	0.037		mg/Kg-dry	1	8/1/2017
N-Nitrosodimethylamine	ND	0.19		mg/Kg-dry	1	8/1/2017
N-Nitrosodiphenylamine	ND	0.19		mg/Kg-dry	1	8/1/2017
2, 2'-oxybis(1-Chloropropane)	ND	0.19		mg/Kg-dry	1	8/1/2017
Pentachlorophenol	ND	0.075		mg/Kg-dry	1	8/1/2017
Phenanthrene	ND	0.037		mg/Kg-dry	1	8/1/2017
Phenol	ND	0.19		mg/Kg-dry	1	8/1/2017
Pyrene	ND	0.037		mg/Kg-dry	1	8/1/2017
Pyridine	ND	0.75		mg/Kg-dry	1	8/1/2017
1,2,4-Trichlorobenzene	ND	0.19		mg/Kg-dry	1	8/1/2017
2,4,5-Trichlorophenol	ND	0.19		mg/Kg-dry	1	8/1/2017
2,4,6-Trichlorophenol	ND	0.19		mg/Kg-dry	1	8/1/2017

Metals by ICP/MS SW6020 (SW3050B) Prep Date: 8/1/2017 Analyst: JG

Aluminum	4800	20		mg/Kg-dry	10	8/2/2017
Antimony	ND	2.0		mg/Kg-dry	10	8/2/2017
Arsenic	6.4	1.0		mg/Kg-dry	10	8/2/2017
Barium	36	1.0		mg/Kg-dry	10	8/2/2017
Beryllium	ND	0.51		mg/Kg-dry	10	8/2/2017

Qualifiers:

ND - Not Detected at the Reporting Limit

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Report Date: August 07, 2017

Print Date: August 07, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-41-04 (0-3.5')

Work Order: 17070839 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 7/27/2017 10:35:00 AM

Lab ID: 17070839-019B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed

Metals by ICP/MS

SW6020 (SW3050B)

Prep Date: 8/1/2017

Analyst: JG

Cadmium	ND	0.51		mg/Kg-dry	10	8/2/2017
Calcium	150000	610		mg/Kg-dry	100	8/4/2017
Chromium	9.2	1.0		mg/Kg-dry	10	8/2/2017
Cobalt	5.3	1.0		mg/Kg-dry	10	8/2/2017
Copper	14	2.5		mg/Kg-dry	10	8/2/2017
Iron	12000	30		mg/Kg-dry	10	8/2/2017
Lead	17	0.51		mg/Kg-dry	10	8/2/2017
Magnesium	68000	30		mg/Kg-dry	10	8/2/2017
Manganese	410	1.0		mg/Kg-dry	10	8/2/2017
Nickel	13	1.0		mg/Kg-dry	10	8/2/2017
Potassium	720	30		mg/Kg-dry	10	8/2/2017
Selenium	ND	1.0		mg/Kg-dry	10	8/2/2017
Silver	ND	1.0		mg/Kg-dry	10	8/2/2017
Sodium	880	61		mg/Kg-dry	10	8/2/2017
Thallium	ND	1.0		mg/Kg-dry	10	8/2/2017
Vanadium	12	1.0		mg/Kg-dry	10	8/2/2017
Zinc	35	5.1		mg/Kg-dry	10	8/2/2017

SPLP Metals by ICP/MS

SW1312/6020 (SW3005A)

Prep Date: 7/31/2017

Analyst: JG

Arsenic	0.0063	0.0040		mg/L	2	8/1/2017
Barium	0.077	0.020		mg/L	2	8/1/2017
Beryllium	ND	0.0020		mg/L	2	8/1/2017
Cadmium	ND	0.0020		mg/L	2	8/1/2017
Chromium	0.011	0.0040		mg/L	2	8/1/2017
Cobalt	ND	0.0040		mg/L	2	8/1/2017
Copper	ND	0.040		mg/L	2	8/1/2017
Iron	9.9	0.10		mg/L	2	8/1/2017
Lead	0.0044	0.0020		mg/L	2	8/1/2017
Manganese	0.076	0.0040		mg/L	2	8/1/2017
Nickel	0.012	0.0040		mg/L	2	8/1/2017
Selenium	ND	0.0040		mg/L	2	8/1/2017
Silver	ND	0.0040		mg/L	2	8/1/2017
Zinc	0.031	0.020		mg/L	2	8/1/2017

TCLP Metals by ICP/MS

SW1311/6020 (SW3005A)

Prep Date: 7/31/2017

Analyst: JG

Arsenic	ND	0.010		mg/L	5	8/2/2017
Barium	0.70	0.050		mg/L	5	8/2/2017
Beryllium	ND	0.0050		mg/L	5	8/2/2017
Cadmium	ND	0.0050		mg/L	5	8/2/2017

Qualifiers:

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R - RPD outside accepted recovery limits

E - Value above quantitation range

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Report Date: August 07, 2017

Print Date: August 07, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-41-04 (0-3.5')

Work Order: 17070839 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL

Collection Date: 7/27/2017 10:35:00 AM

Lab ID: 17070839-019B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
TCLP Metals by ICP/MS	SW1311/6020 (SW3005A)			Prep Date: 7/31/2017		Analyst: JG
Chromium	ND	0.010		mg/L	5	8/2/2017
Cobalt	ND	0.010		mg/L	5	8/2/2017
Copper	ND	0.10		mg/L	5	8/2/2017
Iron	ND	0.25		mg/L	5	8/2/2017
Lead	ND	0.0050		mg/L	5	8/2/2017
Manganese	0.56	0.010		mg/L	5	8/2/2017
Nickel	ND	0.010		mg/L	5	8/2/2017
Selenium	ND	0.010		mg/L	5	8/2/2017
Silver	ND	0.010		mg/L	5	8/2/2017
Zinc	0.17	0.050		mg/L	5	8/2/2017
TCLP Mercury	SW1311/7470A			Prep Date: 8/2/2017		Analyst: LB
Mercury	ND	0.00020		mg/L	1	8/2/2017
SPLP Mercury	SW1312/7470A			Prep Date: 7/31/2017		Analyst: LB
Mercury	ND	0.00025		mg/L	1	7/31/2017
Mercury	SW7471A			Prep Date: 7/28/2017		Analyst: LB
Mercury	0.019	0.018		mg/Kg-dry	1	7/31/2017
pH (25 °C)	SW9045C			Prep Date: 7/31/2017		Analyst: RW
pH	8.71			pH Units	1	7/31/2017
Percent Moisture	D2974			Prep Date: 7/28/2017		Analyst: KKA
Percent Moisture	12.2	0.2	*	wt%	1	7/29/2017

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

Report Date: August 18, 2017

Print Date: August 18, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-43-06 (0-5)

Work Order: 17080286 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 8/7/2017 12:27:00 PM

Lab ID: 17080286-022A

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS		SW5035/8260B		Prep Date: 8/9/2017		Analyst: JNM
Acetone	ND	0.066		mg/Kg-dry	1	8/15/2017
Benzene	ND	0.0044		mg/Kg-dry	1	8/15/2017
Bromodichloromethane	ND	0.0044		mg/Kg-dry	1	8/15/2017
Bromoform	ND	0.0044		mg/Kg-dry	1	8/15/2017
Bromomethane	ND	0.0087		mg/Kg-dry	1	8/15/2017
2-Butanone	ND	0.066		mg/Kg-dry	1	8/15/2017
Carbon disulfide	ND	0.044		mg/Kg-dry	1	8/15/2017
Carbon tetrachloride	ND	0.0044		mg/Kg-dry	1	8/15/2017
Chlorobenzene	ND	0.0044		mg/Kg-dry	1	8/15/2017
Chloroethane	ND	0.0087		mg/Kg-dry	1	8/15/2017
Chloroform	ND	0.0044		mg/Kg-dry	1	8/15/2017
Chloromethane	ND	0.0087		mg/Kg-dry	1	8/15/2017
Dibromochloromethane	ND	0.0044		mg/Kg-dry	1	8/15/2017
1,1-Dichloroethane	ND	0.0044		mg/Kg-dry	1	8/15/2017
1,2-Dichloroethane	ND	0.0044		mg/Kg-dry	1	8/15/2017
1,1-Dichloroethene	ND	0.0044		mg/Kg-dry	1	8/15/2017
cis-1,2-Dichloroethene	ND	0.0044		mg/Kg-dry	1	8/15/2017
trans-1,2-Dichloroethene	ND	0.0044		mg/Kg-dry	1	8/15/2017
1,2-Dichloropropane	ND	0.0044		mg/Kg-dry	1	8/15/2017
cis-1,3-Dichloropropene	ND	0.0017		mg/Kg-dry	1	8/15/2017
trans-1,3-Dichloropropene	ND	0.0017		mg/Kg-dry	1	8/15/2017
Ethylbenzene	ND	0.0044		mg/Kg-dry	1	8/15/2017
2-Hexanone	ND	0.017		mg/Kg-dry	1	8/15/2017
4-Methyl-2-pentanone	ND	0.017		mg/Kg-dry	1	8/15/2017
Methylene chloride	ND	0.0087		mg/Kg-dry	1	8/15/2017
Methyl tert-butyl ether	ND	0.0044		mg/Kg-dry	1	8/15/2017
Styrene	ND	0.0044		mg/Kg-dry	1	8/15/2017
1,1,2,2-Tetrachloroethane	ND	0.0044		mg/Kg-dry	1	8/15/2017
Tetrachloroethene	ND	0.0044		mg/Kg-dry	1	8/15/2017
Toluene	ND	0.0044		mg/Kg-dry	1	8/15/2017
1,1,1-Trichloroethane	ND	0.0044		mg/Kg-dry	1	8/15/2017
1,1,2-Trichloroethane	ND	0.0044		mg/Kg-dry	1	8/15/2017
Trichloroethene	ND	0.0044		mg/Kg-dry	1	8/15/2017
Vinyl chloride	ND	0.0044		mg/Kg-dry	1	8/15/2017
Xylenes, Total	ND	0.013		mg/Kg-dry	1	8/15/2017

Qualifiers:

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J - Analyte detected below quantitation limits

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RL - Reporting / Quantitation Limit for the analysis

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

Report Date: August 18, 2017

Print Date: August 18, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-43-06 (0-5)

Work Order: 17080286 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL

Collection Date: 8/7/2017 12:27:00 PM

Lab ID: 17080286-022B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS		SW8270C (SW3550B)		Prep Date: 8/10/2017		Analyst: MEP
Acenaphthene	ND	0.038		mg/Kg-dry	1	8/14/2017
Acenaphthylene	ND	0.038		mg/Kg-dry	1	8/14/2017
Aniline	ND	0.38		mg/Kg-dry	1	8/14/2017
Anthracene	ND	0.038		mg/Kg-dry	1	8/14/2017
Benz(a)anthracene	ND	0.038		mg/Kg-dry	1	8/14/2017
Benzidine	ND	0.38		mg/Kg-dry	1	8/14/2017
Benzo(a)pyrene	ND	0.038		mg/Kg-dry	1	8/14/2017
Benzo(b)fluoranthene	ND	0.038		mg/Kg-dry	1	8/14/2017
Benzo(g,h,i)perylene	ND	0.038		mg/Kg-dry	1	8/14/2017
Benzo(k)fluoranthene	ND	0.038		mg/Kg-dry	1	8/14/2017
Benzoic acid	ND	0.95		mg/Kg-dry	1	8/14/2017
Benzyl alcohol	ND	0.19		mg/Kg-dry	1	8/14/2017
Bis(2-chloroethoxy)methane	ND	0.19		mg/Kg-dry	1	8/14/2017
Bis(2-chloroethyl)ether	ND	0.19		mg/Kg-dry	1	8/14/2017
Bis(2-ethylhexyl)phthalate	ND	0.95		mg/Kg-dry	1	8/14/2017
4-Bromophenyl phenyl ether	ND	0.19		mg/Kg-dry	1	8/14/2017
Butyl benzyl phthalate	ND	0.19		mg/Kg-dry	1	8/14/2017
Carbazole	ND	0.19		mg/Kg-dry	1	8/14/2017
4-Chloroaniline	ND	0.19		mg/Kg-dry	1	8/14/2017
4-Chloro-3-methylphenol	ND	0.38		mg/Kg-dry	1	8/14/2017
2-Chloronaphthalene	ND	0.19		mg/Kg-dry	1	8/14/2017
2-Chlorophenol	ND	0.19		mg/Kg-dry	1	8/14/2017
4-Chlorophenyl phenyl ether	ND	0.19		mg/Kg-dry	1	8/14/2017
Chrysene	ND	0.038		mg/Kg-dry	1	8/14/2017
Dibenz(a,h)anthracene	ND	0.038		mg/Kg-dry	1	8/14/2017
Dibenzofuran	ND	0.19		mg/Kg-dry	1	8/14/2017
1,2-Dichlorobenzene	ND	0.19		mg/Kg-dry	1	8/14/2017
1,3-Dichlorobenzene	ND	0.19		mg/Kg-dry	1	8/14/2017
1,4-Dichlorobenzene	ND	0.19		mg/Kg-dry	1	8/14/2017
3,3'-Dichlorobenzidine	ND	0.19		mg/Kg-dry	1	8/14/2017
2,4-Dichlorophenol	ND	0.19		mg/Kg-dry	1	8/14/2017
Diethyl phthalate	ND	0.19		mg/Kg-dry	1	8/14/2017
2,4-Dimethylphenol	ND	0.19		mg/Kg-dry	1	8/14/2017
Dimethyl phthalate	ND	0.19		mg/Kg-dry	1	8/14/2017
4,6-Dinitro-2-methylphenol	ND	0.38		mg/Kg-dry	1	8/14/2017
2,4-Dinitrophenol	ND	0.95		mg/Kg-dry	1	8/14/2017
2,4-Dinitrotoluene	ND	0.038		mg/Kg-dry	1	8/14/2017
2,6-Dinitrotoluene	ND	0.038		mg/Kg-dry	1	8/14/2017

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

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

Report Date: August 18, 2017

Print Date: August 18, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-43-06 (0-5)

Work Order: 17080286 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL

Collection Date: 8/7/2017 12:27:00 PM

Lab ID: 17080286-022B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS						
	SW8270C (SW3550B)					Prep Date: 8/10/2017 Analyst: MEP
Di-n-butyl phthalate	ND	0.19		mg/Kg-dry	1	8/14/2017
Di-n-octyl phthalate	ND	0.19		mg/Kg-dry	1	8/14/2017
Fluoranthene	ND	0.038		mg/Kg-dry	1	8/14/2017
Fluorene	ND	0.038		mg/Kg-dry	1	8/14/2017
Hexachlorobenzene	ND	0.19		mg/Kg-dry	1	8/14/2017
Hexachlorobutadiene	ND	0.19		mg/Kg-dry	1	8/14/2017
Hexachlorocyclopentadiene	ND	0.19		mg/Kg-dry	1	8/14/2017
Hexachloroethane	ND	0.19		mg/Kg-dry	1	8/14/2017
Indeno(1,2,3-cd)pyrene	ND	0.038		mg/Kg-dry	1	8/14/2017
Isophorone	ND	0.19		mg/Kg-dry	1	8/14/2017
2-Methylnaphthalene	ND	0.19		mg/Kg-dry	1	8/14/2017
2-Methylphenol	ND	0.19		mg/Kg-dry	1	8/14/2017
4-Methylphenol	ND	0.19		mg/Kg-dry	1	8/14/2017
Naphthalene	ND	0.038		mg/Kg-dry	1	8/14/2017
2-Nitroaniline	ND	0.19		mg/Kg-dry	1	8/14/2017
3-Nitroaniline	ND	0.19		mg/Kg-dry	1	8/14/2017
4-Nitroaniline	ND	0.19		mg/Kg-dry	1	8/14/2017
2-Nitrophenol	ND	0.19		mg/Kg-dry	1	8/14/2017
4-Nitrophenol	ND	0.38		mg/Kg-dry	1	8/14/2017
Nitrobenzene	ND	0.038		mg/Kg-dry	1	8/14/2017
N-Nitrosodi-n-propylamine	ND	0.038		mg/Kg-dry	1	8/14/2017
N-Nitrosodimethylamine	ND	0.19		mg/Kg-dry	1	8/14/2017
N-Nitrosodiphenylamine	ND	0.19		mg/Kg-dry	1	8/14/2017
2, 2'-oxybis(1-Chloropropane)	ND	0.19		mg/Kg-dry	1	8/14/2017
Pentachlorophenol	ND	0.077		mg/Kg-dry	1	8/14/2017
Phenanthrene	ND	0.038		mg/Kg-dry	1	8/14/2017
Phenol	ND	0.19		mg/Kg-dry	1	8/14/2017
Pyrene	ND	0.038		mg/Kg-dry	1	8/14/2017
Pyridine	ND	0.77		mg/Kg-dry	1	8/14/2017
1,2,4-Trichlorobenzene	ND	0.19		mg/Kg-dry	1	8/14/2017
2,4,5-Trichlorophenol	ND	0.19		mg/Kg-dry	1	8/14/2017
2,4,6-Trichlorophenol	ND	0.19		mg/Kg-dry	1	8/14/2017
Metals by ICP/MS						
	SW6020 (SW3050B)					Prep Date: 8/10/2017 Analyst: JG
Aluminum	5300	20		mg/Kg-dry	10	8/14/2017
Antimony	ND	2.0		mg/Kg-dry	10	8/14/2017
Arsenic	4.7	1.0		mg/Kg-dry	10	8/14/2017
Barium	23	1.0		mg/Kg-dry	10	8/14/2017
Beryllium	ND	0.51		mg/Kg-dry	10	8/14/2017

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

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R - RPD outside accepted recovery limits

E - Value above quantitation range

H - Holding time exceeded

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

Report Date: August 18, 2017

Print Date: August 18, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-43-06 (0-5)

Work Order: 17080286 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL

Collection Date: 8/7/2017 12:27:00 PM

Lab ID: 17080286-022B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed

Metals by ICP/MS

SW6020 (SW3050B)

Prep Date: 8/10/2017

Analyst: JG

Cadmium	ND	0.51		mg/Kg-dry	10	8/14/2017
Calcium	120000	610		mg/Kg-dry	100	8/14/2017
Chromium	12	1.0		mg/Kg-dry	10	8/14/2017
Cobalt	6.5	1.0		mg/Kg-dry	10	8/14/2017
Copper	18	2.6		mg/Kg-dry	10	8/14/2017
Iron	14000	31		mg/Kg-dry	10	8/14/2017
Lead	7.0	0.51		mg/Kg-dry	10	8/14/2017
Magnesium	61000	31		mg/Kg-dry	10	8/14/2017
Manganese	430	1.0		mg/Kg-dry	10	8/14/2017
Nickel	16	1.0		mg/Kg-dry	10	8/14/2017
Potassium	960	31		mg/Kg-dry	10	8/14/2017
Selenium	ND	1.0		mg/Kg-dry	10	8/14/2017
Silver	ND	1.0		mg/Kg-dry	10	8/14/2017
Sodium	620	61		mg/Kg-dry	10	8/14/2017
Thallium	ND	1.0		mg/Kg-dry	10	8/14/2017
Vanadium	16	1.0		mg/Kg-dry	10	8/14/2017
Zinc	30	5.1		mg/Kg-dry	10	8/14/2017

SPLP Metals by ICP/MS

SW1312/6020 (SW3005A)

Prep Date: 8/16/2017

Analyst: JG

Arsenic	ND	0.0040		mg/L	2	8/17/2017
Barium	0.028	0.020		mg/L	2	8/17/2017
Beryllium	ND	0.0020		mg/L	2	8/17/2017
Cadmium	ND	0.0020		mg/L	2	8/17/2017
Chromium	0.0089	0.0040		mg/L	2	8/17/2017
Cobalt	ND	0.0040		mg/L	2	8/17/2017
Copper	ND	0.040		mg/L	2	8/17/2017
Iron	6.1	0.10		mg/L	2	8/17/2017
Lead	ND	0.0020		mg/L	2	8/17/2017
Manganese	0.031	0.0040		mg/L	2	8/17/2017
Nickel	0.0063	0.0040		mg/L	2	8/17/2017
Selenium	ND	0.0040		mg/L	2	8/17/2017
Silver	ND	0.0040		mg/L	2	8/17/2017
Zinc	ND	0.040		mg/L	2	8/17/2017

TCLP Metals by ICP/MS

SW1311/6020 (SW3005A)

Prep Date: 8/17/2017

Analyst: JG

Arsenic	ND	0.010		mg/L	5	8/17/2017
Barium	0.33	0.050		mg/L	5	8/17/2017
Beryllium	ND	0.0050		mg/L	5	8/17/2017
Cadmium	ND	0.0050		mg/L	5	8/17/2017

Qualifiers:

ND - Not Detected at the Reporting Limit

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B - Analyte detected in the associated Method Blank

HT - Sample received past holding time

* - Non-accredited parameter

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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Report Date: August 18, 2017

Print Date: August 18, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-43-06 (0-5)

Work Order: 17080286 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL

Collection Date: 8/7/2017 12:27:00 PM

Lab ID: 17080286-022B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
TCLP Metals by ICP/MS	SW1311/6020 (SW3005A)			Prep Date: 8/17/2017	Analyst: JG	
Chromium	ND	0.010		mg/L	5	8/17/2017
Cobalt	ND	0.010		mg/L	5	8/17/2017
Copper	ND	0.10		mg/L	5	8/17/2017
Iron	ND	0.25		mg/L	5	8/17/2017
Lead	ND	0.0050		mg/L	5	8/17/2017
Manganese	0.78	0.010		mg/L	5	8/17/2017
Nickel	ND	0.010		mg/L	5	8/17/2017
Selenium	ND	0.010		mg/L	5	8/17/2017
Silver	ND	0.010		mg/L	5	8/17/2017
Zinc	ND	0.050		mg/L	5	8/17/2017
TCLP Mercury	SW1311/7470A			Prep Date: 8/17/2017	Analyst: LB	
Mercury	ND	0.00020		mg/L	1	8/17/2017
SPLP Mercury	SW1312/7470A			Prep Date: 8/15/2017	Analyst: LB	
Mercury	ND	0.00025		mg/L	1	8/16/2017
Mercury	SW7471A			Prep Date: 8/11/2017	Analyst: LB	
Mercury	ND	0.020		mg/Kg-dry	1	8/14/2017
pH (25 °C)	SW9045C			Prep Date: 8/14/2017	Analyst: RW	
pH	8.22			pH Units	1	8/14/2017
Percent Moisture	D2974			Prep Date: 8/10/2017	Analyst: KKA	
Percent Moisture	13.3	0.2	*	wt%	1	8/11/2017

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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Report Date: August 18, 2017

Print Date: August 18, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-43-06 (5-9)

Work Order: 17080286 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL

Collection Date: 8/7/2017 12:31:00 PM

Lab ID: 17080286-023A

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS		SW5035/8260B		Prep Date: 8/9/2017		Analyst: JNM
Acetone	ND	0.070		mg/Kg-dry	1	8/15/2017
Benzene	ND	0.0047		mg/Kg-dry	1	8/15/2017
Bromodichloromethane	ND	0.0047		mg/Kg-dry	1	8/15/2017
Bromoform	ND	0.0047		mg/Kg-dry	1	8/15/2017
Bromomethane	ND	0.0093		mg/Kg-dry	1	8/15/2017
2-Butanone	ND	0.070		mg/Kg-dry	1	8/15/2017
Carbon disulfide	ND	0.047		mg/Kg-dry	1	8/15/2017
Carbon tetrachloride	ND	0.0047		mg/Kg-dry	1	8/15/2017
Chlorobenzene	ND	0.0047		mg/Kg-dry	1	8/15/2017
Chloroethane	ND	0.0093		mg/Kg-dry	1	8/15/2017
Chloroform	ND	0.0047		mg/Kg-dry	1	8/15/2017
Chloromethane	ND	0.0093		mg/Kg-dry	1	8/15/2017
Dibromochloromethane	ND	0.0047		mg/Kg-dry	1	8/15/2017
1,1-Dichloroethane	ND	0.0047		mg/Kg-dry	1	8/15/2017
1,2-Dichloroethane	ND	0.0047		mg/Kg-dry	1	8/15/2017
1,1-Dichloroethene	ND	0.0047		mg/Kg-dry	1	8/15/2017
cis-1,2-Dichloroethene	ND	0.0047		mg/Kg-dry	1	8/15/2017
trans-1,2-Dichloroethene	ND	0.0047		mg/Kg-dry	1	8/15/2017
1,2-Dichloropropane	ND	0.0047		mg/Kg-dry	1	8/15/2017
cis-1,3-Dichloropropene	ND	0.0019		mg/Kg-dry	1	8/15/2017
trans-1,3-Dichloropropene	ND	0.0019		mg/Kg-dry	1	8/15/2017
Ethylbenzene	ND	0.0047		mg/Kg-dry	1	8/15/2017
2-Hexanone	ND	0.019		mg/Kg-dry	1	8/15/2017
4-Methyl-2-pentanone	ND	0.019		mg/Kg-dry	1	8/15/2017
Methylene chloride	ND	0.0093		mg/Kg-dry	1	8/15/2017
Methyl tert-butyl ether	ND	0.0047		mg/Kg-dry	1	8/15/2017
Styrene	ND	0.0047		mg/Kg-dry	1	8/15/2017
1,1,2,2-Tetrachloroethane	ND	0.0047		mg/Kg-dry	1	8/15/2017
Tetrachloroethene	ND	0.0047		mg/Kg-dry	1	8/15/2017
Toluene	ND	0.0047		mg/Kg-dry	1	8/15/2017
1,1,1-Trichloroethane	ND	0.0047		mg/Kg-dry	1	8/15/2017
1,1,2-Trichloroethane	ND	0.0047		mg/Kg-dry	1	8/15/2017
Trichloroethene	ND	0.0047		mg/Kg-dry	1	8/15/2017
Vinyl chloride	ND	0.0047		mg/Kg-dry	1	8/15/2017
Xylenes, Total	ND	0.014		mg/Kg-dry	1	8/15/2017

Qualifiers:

ND - Not Detected at the Reporting Limit

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

Report Date: August 18, 2017

Print Date: August 18, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-43-06 (5-9)

Work Order: 17080286 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL

Collection Date: 8/7/2017 12:31:00 PM

Lab ID: 17080286-023B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS		SW8270C (SW3550B)		Prep Date: 8/10/2017		Analyst: MEP
Acenaphthene	ND	0.038		mg/Kg-dry	1	8/14/2017
Acenaphthylene	ND	0.038		mg/Kg-dry	1	8/14/2017
Aniline	ND	0.39		mg/Kg-dry	1	8/14/2017
Anthracene	ND	0.038		mg/Kg-dry	1	8/14/2017
Benz(a)anthracene	ND	0.038		mg/Kg-dry	1	8/14/2017
Benzidine	ND	0.38		mg/Kg-dry	1	8/14/2017
Benzo(a)pyrene	ND	0.038		mg/Kg-dry	1	8/14/2017
Benzo(b)fluoranthene	ND	0.038		mg/Kg-dry	1	8/14/2017
Benzo(g,h,i)perylene	ND	0.038		mg/Kg-dry	1	8/14/2017
Benzo(k)fluoranthene	ND	0.038		mg/Kg-dry	1	8/14/2017
Benzoic acid	ND	0.97		mg/Kg-dry	1	8/14/2017
Benzyl alcohol	ND	0.20		mg/Kg-dry	1	8/14/2017
Bis(2-chloroethoxy)methane	ND	0.20		mg/Kg-dry	1	8/14/2017
Bis(2-chloroethyl)ether	ND	0.20		mg/Kg-dry	1	8/14/2017
Bis(2-ethylhexyl)phthalate	ND	0.97		mg/Kg-dry	1	8/14/2017
4-Bromophenyl phenyl ether	ND	0.20		mg/Kg-dry	1	8/14/2017
Butyl benzyl phthalate	ND	0.20		mg/Kg-dry	1	8/14/2017
Carbazole	ND	0.20		mg/Kg-dry	1	8/14/2017
4-Chloroaniline	ND	0.20		mg/Kg-dry	1	8/14/2017
4-Chloro-3-methylphenol	ND	0.38		mg/Kg-dry	1	8/14/2017
2-Chloronaphthalene	ND	0.20		mg/Kg-dry	1	8/14/2017
2-Chlorophenol	ND	0.20		mg/Kg-dry	1	8/14/2017
4-Chlorophenyl phenyl ether	ND	0.20		mg/Kg-dry	1	8/14/2017
Chrysene	ND	0.038		mg/Kg-dry	1	8/14/2017
Dibenz(a,h)anthracene	ND	0.038		mg/Kg-dry	1	8/14/2017
Dibenzofuran	ND	0.20		mg/Kg-dry	1	8/14/2017
1,2-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	8/14/2017
1,3-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	8/14/2017
1,4-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	8/14/2017
3,3'-Dichlorobenzidine	ND	0.20		mg/Kg-dry	1	8/14/2017
2,4-Dichlorophenol	ND	0.20		mg/Kg-dry	1	8/14/2017
Diethyl phthalate	ND	0.20		mg/Kg-dry	1	8/14/2017
2,4-Dimethylphenol	ND	0.20		mg/Kg-dry	1	8/14/2017
Dimethyl phthalate	ND	0.20		mg/Kg-dry	1	8/14/2017
4,6-Dinitro-2-methylphenol	ND	0.38		mg/Kg-dry	1	8/14/2017
2,4-Dinitrophenol	ND	0.97		mg/Kg-dry	1	8/14/2017
2,4-Dinitrotoluene	ND	0.038		mg/Kg-dry	1	8/14/2017
2,6-Dinitrotoluene	ND	0.038		mg/Kg-dry	1	8/14/2017

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

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

Report Date: August 18, 2017

Print Date: August 18, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-43-06 (5-9)

Work Order: 17080286 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL

Collection Date: 8/7/2017 12:31:00 PM

Lab ID: 17080286-023B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS		SW8270C (SW3550B)		Prep Date: 8/10/2017		Analyst: MEP
Di-n-butyl phthalate	ND	0.20		mg/Kg-dry	1	8/14/2017
Di-n-octyl phthalate	ND	0.20		mg/Kg-dry	1	8/14/2017
Fluoranthene	0.064	0.038		mg/Kg-dry	1	8/14/2017
Fluorene	ND	0.038		mg/Kg-dry	1	8/14/2017
Hexachlorobenzene	ND	0.20		mg/Kg-dry	1	8/14/2017
Hexachlorobutadiene	ND	0.20		mg/Kg-dry	1	8/14/2017
Hexachlorocyclopentadiene	ND	0.20		mg/Kg-dry	1	8/14/2017
Hexachloroethane	ND	0.20		mg/Kg-dry	1	8/14/2017
Indeno(1,2,3-cd)pyrene	ND	0.038		mg/Kg-dry	1	8/14/2017
Isophorone	ND	0.20		mg/Kg-dry	1	8/14/2017
2-Methylnaphthalene	ND	0.20		mg/Kg-dry	1	8/14/2017
2-Methylphenol	ND	0.20		mg/Kg-dry	1	8/14/2017
4-Methylphenol	ND	0.20		mg/Kg-dry	1	8/14/2017
Naphthalene	ND	0.038		mg/Kg-dry	1	8/14/2017
2-Nitroaniline	ND	0.20		mg/Kg-dry	1	8/14/2017
3-Nitroaniline	ND	0.20		mg/Kg-dry	1	8/14/2017
4-Nitroaniline	ND	0.20		mg/Kg-dry	1	8/14/2017
2-Nitrophenol	ND	0.20		mg/Kg-dry	1	8/14/2017
4-Nitrophenol	ND	0.38		mg/Kg-dry	1	8/14/2017
Nitrobenzene	ND	0.038		mg/Kg-dry	1	8/14/2017
N-Nitrosodi-n-propylamine	ND	0.038		mg/Kg-dry	1	8/14/2017
N-Nitrosodimethylamine	ND	0.20		mg/Kg-dry	1	8/14/2017
N-Nitrosodiphenylamine	ND	0.20		mg/Kg-dry	1	8/14/2017
2, 2'-oxybis(1-Chloropropane)	ND	0.20		mg/Kg-dry	1	8/14/2017
Pentachlorophenol	ND	0.078		mg/Kg-dry	1	8/14/2017
Phenanthrene	0.057	0.038		mg/Kg-dry	1	8/14/2017
Phenol	ND	0.20		mg/Kg-dry	1	8/14/2017
Pyrene	0.051	0.038		mg/Kg-dry	1	8/14/2017
Pyridine	ND	0.78		mg/Kg-dry	1	8/14/2017
1,2,4-Trichlorobenzene	ND	0.20		mg/Kg-dry	1	8/14/2017
2,4,5-Trichlorophenol	ND	0.20		mg/Kg-dry	1	8/14/2017
2,4,6-Trichlorophenol	ND	0.20		mg/Kg-dry	1	8/14/2017
Metals by ICP/MS		SW6020 (SW3050B)		Prep Date: 8/10/2017		Analyst: JG
Aluminum	8600	21		mg/Kg-dry	10	8/14/2017
Antimony	ND	2.1		mg/Kg-dry	10	8/14/2017
Arsenic	7.8	1.0		mg/Kg-dry	10	8/14/2017
Barium	58	1.0		mg/Kg-dry	10	8/14/2017
Beryllium	0.53	0.52		mg/Kg-dry	10	8/14/2017

Qualifiers:

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Report Date: August 18, 2017

Print Date: August 18, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-43-06 (5-9)

Work Order: 17080286 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 8/7/2017 12:31:00 PM

Lab ID: 17080286-023B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed

Metals by ICP/MS

SW6020 (SW3050B)

Prep Date: 8/10/2017

Analyst: JG

Cadmium	ND	0.52		mg/Kg-dry	10	8/14/2017
Calcium	94000	63		mg/Kg-dry	10	8/14/2017
Chromium	18	1.0		mg/Kg-dry	10	8/14/2017
Cobalt	9.6	1.0		mg/Kg-dry	10	8/14/2017
Copper	20	2.6		mg/Kg-dry	10	8/14/2017
Iron	21000	31		mg/Kg-dry	10	8/14/2017
Lead	15	0.52		mg/Kg-dry	10	8/14/2017
Magnesium	54000	31		mg/Kg-dry	10	8/14/2017
Manganese	530	1.0		mg/Kg-dry	10	8/14/2017
Nickel	23	1.0		mg/Kg-dry	10	8/14/2017
Potassium	1300	31		mg/Kg-dry	10	8/14/2017
Selenium	ND	1.0		mg/Kg-dry	10	8/14/2017
Silver	ND	1.0		mg/Kg-dry	10	8/14/2017
Sodium	960	63		mg/Kg-dry	10	8/14/2017
Thallium	ND	1.0		mg/Kg-dry	10	8/14/2017
Vanadium	22	1.0		mg/Kg-dry	10	8/14/2017
Zinc	55	5.2		mg/Kg-dry	10	8/14/2017

SPLP Metals by ICP/MS

SW1312/6020 (SW3005A)

Prep Date: 8/16/2017

Analyst: JG

Arsenic	ND	0.0040		mg/L	2	8/17/2017
Barium	0.029	0.020		mg/L	2	8/17/2017
Beryllium	ND	0.0020		mg/L	2	8/17/2017
Cadmium	ND	0.0020		mg/L	2	8/17/2017
Chromium	0.010	0.0040		mg/L	2	8/17/2017
Cobalt	ND	0.0040		mg/L	2	8/17/2017
Copper	ND	0.040		mg/L	2	8/17/2017
Iron	6.1	0.10		mg/L	2	8/17/2017
Lead	0.0025	0.0020		mg/L	2	8/17/2017
Manganese	0.048	0.0040		mg/L	2	8/17/2017
Nickel	0.0068	0.0040		mg/L	2	8/17/2017
Selenium	ND	0.0040		mg/L	2	8/17/2017
Silver	ND	0.0040		mg/L	2	8/17/2017
Zinc	ND	0.040		mg/L	2	8/17/2017

TCLP Metals by ICP/MS

SW1311/6020 (SW3005A)

Prep Date: 8/17/2017

Analyst: JG

Arsenic	ND	0.010		mg/L	5	8/17/2017
Barium	0.35	0.050		mg/L	5	8/17/2017
Beryllium	ND	0.0050		mg/L	5	8/17/2017
Cadmium	ND	0.0050		mg/L	5	8/17/2017

Qualifiers:

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E - Value above quantitation range

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Report Date: August 18, 2017

Print Date: August 18, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-43-06 (5-9)

Work Order: 17080286 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 8/7/2017 12:31:00 PM

Lab ID: 17080286-023B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
TCLP Metals by ICP/MS	SW1311/6020 (SW3005A)		Prep Date: 8/17/2017		Analyst: JG	
Chromium	ND	0.010		mg/L	5	8/17/2017
Cobalt	ND	0.010		mg/L	5	8/17/2017
Copper	ND	0.10		mg/L	5	8/17/2017
Iron	ND	0.25		mg/L	5	8/17/2017
Lead	ND	0.0050		mg/L	5	8/17/2017
Manganese	1.5	0.010		mg/L	5	8/17/2017
Nickel	0.014	0.010		mg/L	5	8/17/2017
Selenium	ND	0.010		mg/L	5	8/17/2017
Silver	ND	0.010		mg/L	5	8/17/2017
Zinc	ND	0.050		mg/L	5	8/17/2017
TCLP Mercury	SW1311/7470A		Prep Date: 8/17/2017		Analyst: LB	
Mercury	ND	0.00020		mg/L	1	8/17/2017
SPLP Mercury	SW1312/7470A		Prep Date: 8/15/2017		Analyst: LB	
Mercury	ND	0.00025		mg/L	1	8/16/2017
Mercury	SW7471A		Prep Date: 8/11/2017		Analyst: LB	
Mercury	ND	0.019		mg/Kg-dry	1	8/14/2017
pH (25 °C)	SW9045C		Prep Date: 8/14/2017		Analyst: RW	
pH	8.25			pH Units	1	8/14/2017
Percent Moisture	D2974		Prep Date: 8/10/2017		Analyst: KKA	
Percent Moisture	14.6	0.2	*	wt%	1	8/11/2017

Qualifiers:

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Report Date: August 18, 2017

Print Date: August 18, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-56-08 (0-6)

Work Order: 17080286 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 8/7/2017 11:50:00 AM

Lab ID: 17080286-029A

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS		SW5035/8260B			Prep Date: 8/9/2017	Analyst: JNM
Acetone	ND	0.067		mg/Kg-dry	1	8/16/2017
Benzene	ND	0.0045		mg/Kg-dry	1	8/16/2017
Bromodichloromethane	ND	0.0045		mg/Kg-dry	1	8/16/2017
Bromoform	ND	0.0045		mg/Kg-dry	1	8/16/2017
Bromomethane	ND	0.0089		mg/Kg-dry	1	8/16/2017
2-Butanone	ND	0.067		mg/Kg-dry	1	8/16/2017
Carbon disulfide	ND	0.045		mg/Kg-dry	1	8/16/2017
Carbon tetrachloride	ND	0.0045		mg/Kg-dry	1	8/16/2017
Chlorobenzene	ND	0.0045		mg/Kg-dry	1	8/16/2017
Chloroethane	ND	0.0089		mg/Kg-dry	1	8/16/2017
Chloroform	ND	0.0045		mg/Kg-dry	1	8/16/2017
Chloromethane	ND	0.0089		mg/Kg-dry	1	8/16/2017
Dibromochloromethane	ND	0.0045		mg/Kg-dry	1	8/16/2017
1,1-Dichloroethane	ND	0.0045		mg/Kg-dry	1	8/16/2017
1,2-Dichloroethane	ND	0.0045		mg/Kg-dry	1	8/16/2017
1,1-Dichloroethene	ND	0.0045		mg/Kg-dry	1	8/16/2017
cis-1,2-Dichloroethene	ND	0.0045		mg/Kg-dry	1	8/16/2017
trans-1,2-Dichloroethene	ND	0.0045		mg/Kg-dry	1	8/16/2017
1,2-Dichloropropane	ND	0.0045		mg/Kg-dry	1	8/16/2017
cis-1,3-Dichloropropene	ND	0.0018		mg/Kg-dry	1	8/16/2017
trans-1,3-Dichloropropene	ND	0.0018		mg/Kg-dry	1	8/16/2017
Ethylbenzene	ND	0.0045		mg/Kg-dry	1	8/16/2017
2-Hexanone	ND	0.018		mg/Kg-dry	1	8/16/2017
4-Methyl-2-pentanone	ND	0.018		mg/Kg-dry	1	8/16/2017
Methylene chloride	ND	0.0089		mg/Kg-dry	1	8/16/2017
Methyl tert-butyl ether	ND	0.0045		mg/Kg-dry	1	8/16/2017
Styrene	ND	0.0045		mg/Kg-dry	1	8/16/2017
1,1,2,2-Tetrachloroethane	ND	0.0045		mg/Kg-dry	1	8/16/2017
Tetrachloroethene	ND	0.0045		mg/Kg-dry	1	8/16/2017
Toluene	ND	0.0045		mg/Kg-dry	1	8/16/2017
1,1,1-Trichloroethane	ND	0.0045		mg/Kg-dry	1	8/16/2017
1,1,2-Trichloroethane	ND	0.0045		mg/Kg-dry	1	8/16/2017
Trichloroethene	ND	0.0045		mg/Kg-dry	1	8/16/2017
Vinyl chloride	ND	0.0045		mg/Kg-dry	1	8/16/2017
Xylenes, Total	ND	0.013		mg/Kg-dry	1	8/16/2017

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

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E - Value above quantitation range

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Report Date: August 18, 2017

Print Date: August 18, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-56-08 (0-6)

Work Order: 17080286 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL

Collection Date: 8/7/2017 11:50:00 AM

Lab ID: 17080286-029B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS		SW8270C (SW3550B)		Prep Date: 8/10/2017		Analyst: MEP
Acenaphthene	ND	0.038		mg/Kg-dry	1	8/14/2017
Acenaphthylene	ND	0.038		mg/Kg-dry	1	8/14/2017
Aniline	ND	0.38		mg/Kg-dry	1	8/14/2017
Anthracene	ND	0.038		mg/Kg-dry	1	8/14/2017
Benz(a)anthracene	ND	0.038		mg/Kg-dry	1	8/14/2017
Benzidine	ND	0.38		mg/Kg-dry	1	8/14/2017
Benzo(a)pyrene	ND	0.038		mg/Kg-dry	1	8/14/2017
Benzo(b)fluoranthene	ND	0.038		mg/Kg-dry	1	8/14/2017
Benzo(g,h,i)perylene	ND	0.038		mg/Kg-dry	1	8/14/2017
Benzo(k)fluoranthene	ND	0.038		mg/Kg-dry	1	8/14/2017
Benzoic acid	ND	0.95		mg/Kg-dry	1	8/14/2017
Benzyl alcohol	ND	0.19		mg/Kg-dry	1	8/14/2017
Bis(2-chloroethoxy)methane	ND	0.19		mg/Kg-dry	1	8/14/2017
Bis(2-chloroethyl)ether	ND	0.19		mg/Kg-dry	1	8/14/2017
Bis(2-ethylhexyl)phthalate	ND	0.95		mg/Kg-dry	1	8/14/2017
4-Bromophenyl phenyl ether	ND	0.19		mg/Kg-dry	1	8/14/2017
Butyl benzyl phthalate	ND	0.19		mg/Kg-dry	1	8/14/2017
Carbazole	ND	0.19		mg/Kg-dry	1	8/14/2017
4-Chloroaniline	ND	0.19		mg/Kg-dry	1	8/14/2017
4-Chloro-3-methylphenol	ND	0.38		mg/Kg-dry	1	8/14/2017
2-Chloronaphthalene	ND	0.19		mg/Kg-dry	1	8/14/2017
2-Chlorophenol	ND	0.19		mg/Kg-dry	1	8/14/2017
4-Chlorophenyl phenyl ether	ND	0.19		mg/Kg-dry	1	8/14/2017
Chrysene	ND	0.038		mg/Kg-dry	1	8/14/2017
Dibenz(a,h)anthracene	ND	0.038		mg/Kg-dry	1	8/14/2017
Dibenzofuran	ND	0.19		mg/Kg-dry	1	8/14/2017
1,2-Dichlorobenzene	ND	0.19		mg/Kg-dry	1	8/14/2017
1,3-Dichlorobenzene	ND	0.19		mg/Kg-dry	1	8/14/2017
1,4-Dichlorobenzene	ND	0.19		mg/Kg-dry	1	8/14/2017
3,3'-Dichlorobenzidine	ND	0.19		mg/Kg-dry	1	8/14/2017
2,4-Dichlorophenol	ND	0.19		mg/Kg-dry	1	8/14/2017
Diethyl phthalate	ND	0.19		mg/Kg-dry	1	8/14/2017
2,4-Dimethylphenol	ND	0.19		mg/Kg-dry	1	8/14/2017
Dimethyl phthalate	ND	0.19		mg/Kg-dry	1	8/14/2017
4,6-Dinitro-2-methylphenol	ND	0.38		mg/Kg-dry	1	8/14/2017
2,4-Dinitrophenol	ND	0.95		mg/Kg-dry	1	8/14/2017
2,4-Dinitrotoluene	ND	0.038		mg/Kg-dry	1	8/14/2017
2,6-Dinitrotoluene	ND	0.038		mg/Kg-dry	1	8/14/2017

Qualifiers:

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

Report Date: August 18, 2017

Print Date: August 18, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-56-08 (0-6)

Work Order: 17080286 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL

Collection Date: 8/7/2017 11:50:00 AM

Lab ID: 17080286-029B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS						
	SW8270C (SW3550B)		Prep Date: 8/10/2017		Analyst: MEP	
Di-n-butyl phthalate	ND	0.19		mg/Kg-dry	1	8/14/2017
Di-n-octyl phthalate	ND	0.19		mg/Kg-dry	1	8/14/2017
Fluoranthene	ND	0.038		mg/Kg-dry	1	8/14/2017
Fluorene	ND	0.038		mg/Kg-dry	1	8/14/2017
Hexachlorobenzene	ND	0.19		mg/Kg-dry	1	8/14/2017
Hexachlorobutadiene	ND	0.19		mg/Kg-dry	1	8/14/2017
Hexachlorocyclopentadiene	ND	0.19		mg/Kg-dry	1	8/14/2017
Hexachloroethane	ND	0.19		mg/Kg-dry	1	8/14/2017
Indeno(1,2,3-cd)pyrene	ND	0.038		mg/Kg-dry	1	8/14/2017
Isophorone	ND	0.19		mg/Kg-dry	1	8/14/2017
2-Methylnaphthalene	ND	0.19		mg/Kg-dry	1	8/14/2017
2-Methylphenol	ND	0.19		mg/Kg-dry	1	8/14/2017
4-Methylphenol	ND	0.19		mg/Kg-dry	1	8/14/2017
Naphthalene	ND	0.038		mg/Kg-dry	1	8/14/2017
2-Nitroaniline	ND	0.19		mg/Kg-dry	1	8/14/2017
3-Nitroaniline	ND	0.19		mg/Kg-dry	1	8/14/2017
4-Nitroaniline	ND	0.19		mg/Kg-dry	1	8/14/2017
2-Nitrophenol	ND	0.19		mg/Kg-dry	1	8/14/2017
4-Nitrophenol	ND	0.38		mg/Kg-dry	1	8/14/2017
Nitrobenzene	ND	0.038		mg/Kg-dry	1	8/14/2017
N-Nitrosodi-n-propylamine	ND	0.038		mg/Kg-dry	1	8/14/2017
N-Nitrosodimethylamine	ND	0.19		mg/Kg-dry	1	8/14/2017
N-Nitrosodiphenylamine	ND	0.19		mg/Kg-dry	1	8/14/2017
2, 2'-oxybis(1-Chloropropane)	ND	0.19		mg/Kg-dry	1	8/14/2017
Pentachlorophenol	ND	0.077		mg/Kg-dry	1	8/14/2017
Phenanthrene	ND	0.038		mg/Kg-dry	1	8/14/2017
Phenol	ND	0.19		mg/Kg-dry	1	8/14/2017
Pyrene	ND	0.038		mg/Kg-dry	1	8/14/2017
Pyridine	ND	0.77		mg/Kg-dry	1	8/14/2017
1,2,4-Trichlorobenzene	ND	0.19		mg/Kg-dry	1	8/14/2017
2,4,5-Trichlorophenol	ND	0.19		mg/Kg-dry	1	8/14/2017
2,4,6-Trichlorophenol	ND	0.19		mg/Kg-dry	1	8/14/2017
Metals by ICP/MS						
	SW6020 (SW3050B)		Prep Date: 8/10/2017		Analyst: JG	
Aluminum	15000	19		mg/Kg-dry	10	8/14/2017
Antimony	ND	1.9		mg/Kg-dry	10	8/14/2017
Arsenic	8.2	0.96		mg/Kg-dry	10	8/14/2017
Barium	81	0.96		mg/Kg-dry	10	8/14/2017
Beryllium	0.79	0.48		mg/Kg-dry	10	8/14/2017

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Report Date: August 18, 2017

Print Date: August 18, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-56-08 (0-6)

Work Order: 17080286 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 8/7/2017 11:50:00 AM

Lab ID: 17080286-029B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed

Metals by ICP/MS

SW6020 (SW3050B)

Prep Date: 8/10/2017

Analyst: JG

Cadmium	ND	0.48		mg/Kg-dry	10	8/14/2017
Calcium	2100	58		mg/Kg-dry	10	8/14/2017
Chromium	22	0.96		mg/Kg-dry	10	8/14/2017
Cobalt	15	0.96		mg/Kg-dry	10	8/14/2017
Copper	17	2.4		mg/Kg-dry	10	8/14/2017
Iron	25000	29		mg/Kg-dry	10	8/14/2017
Lead	17	0.48		mg/Kg-dry	10	8/14/2017
Magnesium	3800	29		mg/Kg-dry	10	8/14/2017
Manganese	690	0.96		mg/Kg-dry	10	8/14/2017
Nickel	23	0.96		mg/Kg-dry	10	8/14/2017
Potassium	1400	29		mg/Kg-dry	10	8/14/2017
Selenium	ND	0.96		mg/Kg-dry	10	8/14/2017
Silver	ND	0.96		mg/Kg-dry	10	8/14/2017
Sodium	670	58		mg/Kg-dry	10	8/14/2017
Thallium	ND	0.96		mg/Kg-dry	10	8/14/2017
Vanadium	33	0.96		mg/Kg-dry	10	8/14/2017
Zinc	50	4.8		mg/Kg-dry	10	8/14/2017

SPLP Metals by ICP/MS

SW1312/6020 (SW3005A)

Prep Date: 8/16/2017

Analyst: JG

Arsenic	ND	0.0040		mg/L	2	8/17/2017
Barium	0.039	0.020		mg/L	2	8/17/2017
Beryllium	ND	0.0020		mg/L	2	8/17/2017
Cadmium	ND	0.0020		mg/L	2	8/17/2017
Chromium	0.013	0.0040		mg/L	2	8/17/2017
Cobalt	ND	0.0040		mg/L	2	8/17/2017
Copper	ND	0.040		mg/L	2	8/17/2017
Iron	9.6	0.10		mg/L	2	8/17/2017
Lead	0.0041	0.0020		mg/L	2	8/17/2017
Manganese	0.10	0.0040		mg/L	2	8/17/2017
Nickel	0.0094	0.0040		mg/L	2	8/17/2017
Selenium	ND	0.0040		mg/L	2	8/17/2017
Silver	ND	0.0040		mg/L	2	8/17/2017
Zinc	0.041	0.040		mg/L	2	8/17/2017

TCLP Metals by ICP/MS

SW1311/6020 (SW3005A)

Prep Date: 8/17/2017

Analyst: JG

Arsenic	ND	0.010		mg/L	5	8/17/2017
Barium	0.23	0.050		mg/L	5	8/17/2017
Beryllium	ND	0.0050		mg/L	5	8/17/2017
Cadmium	ND	0.0050		mg/L	5	8/17/2017

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Report Date: August 18, 2017

Print Date: August 18, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-56-08 (0-6)

Work Order: 17080286 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL

Collection Date: 8/7/2017 11:50:00 AM

Lab ID: 17080286-029B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
TCLP Metals by ICP/MS	SW1311/6020 (SW3005A)		Prep Date: 8/17/2017		Analyst: JG	
Chromium	ND	0.010		mg/L	5	8/17/2017
Cobalt	ND	0.010		mg/L	5	8/17/2017
Copper	ND	0.10		mg/L	5	8/17/2017
Iron	ND	0.25		mg/L	5	8/17/2017
Lead	ND	0.0050		mg/L	5	8/17/2017
Manganese	0.31	0.010		mg/L	5	8/17/2017
Nickel	ND	0.010		mg/L	5	8/17/2017
Selenium	ND	0.010		mg/L	5	8/17/2017
Silver	ND	0.010		mg/L	5	8/17/2017
Zinc	ND	0.050		mg/L	5	8/17/2017
TCLP Mercury	SW1311/7470A		Prep Date: 8/17/2017		Analyst: LB	
Mercury	ND	0.00020		mg/L	1	8/17/2017
SPLP Mercury	SW1312/7470A		Prep Date: 8/15/2017		Analyst: LB	
Mercury	ND	0.00025		mg/L	1	8/16/2017
Mercury	SW7471A		Prep Date: 8/11/2017		Analyst: LB	
Mercury	0.023	0.022		mg/Kg-dry	1	8/14/2017
pH (25 °C)	SW9045C		Prep Date: 8/14/2017		Analyst: RW	
pH	7.55			pH Units	1	8/14/2017
Percent Moisture	D2974		Prep Date: 8/10/2017		Analyst: KKA	
Percent Moisture	13.1	0.2	*	wt%	1	8/11/2017

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Report Date: August 18, 2017

Print Date: August 18, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-56-08 (6-12)

Work Order: 17080286 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 8/7/2017 11:53:00 AM

Lab ID: 17080286-030A

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS		SW5035/8260B			Prep Date: 8/9/2017	Analyst: JNM
Acetone	ND	0.061		mg/Kg-dry	1	8/16/2017
Benzene	ND	0.0041		mg/Kg-dry	1	8/16/2017
Bromodichloromethane	ND	0.0041		mg/Kg-dry	1	8/16/2017
Bromoform	ND	0.0041		mg/Kg-dry	1	8/16/2017
Bromomethane	ND	0.0081		mg/Kg-dry	1	8/16/2017
2-Butanone	ND	0.061		mg/Kg-dry	1	8/16/2017
Carbon disulfide	ND	0.041		mg/Kg-dry	1	8/16/2017
Carbon tetrachloride	ND	0.0041		mg/Kg-dry	1	8/16/2017
Chlorobenzene	ND	0.0041		mg/Kg-dry	1	8/16/2017
Chloroethane	ND	0.0081		mg/Kg-dry	1	8/16/2017
Chloroform	ND	0.0041		mg/Kg-dry	1	8/16/2017
Chloromethane	ND	0.0081		mg/Kg-dry	1	8/16/2017
Dibromochloromethane	ND	0.0041		mg/Kg-dry	1	8/16/2017
1,1-Dichloroethane	ND	0.0041		mg/Kg-dry	1	8/16/2017
1,2-Dichloroethane	ND	0.0041		mg/Kg-dry	1	8/16/2017
1,1-Dichloroethene	ND	0.0041		mg/Kg-dry	1	8/16/2017
cis-1,2-Dichloroethene	ND	0.0041		mg/Kg-dry	1	8/16/2017
trans-1,2-Dichloroethene	ND	0.0041		mg/Kg-dry	1	8/16/2017
1,2-Dichloropropane	ND	0.0041		mg/Kg-dry	1	8/16/2017
cis-1,3-Dichloropropene	ND	0.0016		mg/Kg-dry	1	8/16/2017
trans-1,3-Dichloropropene	ND	0.0016		mg/Kg-dry	1	8/16/2017
Ethylbenzene	ND	0.0041		mg/Kg-dry	1	8/16/2017
2-Hexanone	ND	0.016		mg/Kg-dry	1	8/16/2017
4-Methyl-2-pentanone	ND	0.016		mg/Kg-dry	1	8/16/2017
Methylene chloride	ND	0.0081		mg/Kg-dry	1	8/16/2017
Methyl tert-butyl ether	ND	0.0041		mg/Kg-dry	1	8/16/2017
Styrene	ND	0.0041		mg/Kg-dry	1	8/16/2017
1,1,2,2-Tetrachloroethane	ND	0.0041		mg/Kg-dry	1	8/16/2017
Tetrachloroethene	ND	0.0041		mg/Kg-dry	1	8/16/2017
Toluene	ND	0.0041		mg/Kg-dry	1	8/16/2017
1,1,1-Trichloroethane	ND	0.0041		mg/Kg-dry	1	8/16/2017
1,1,2-Trichloroethane	ND	0.0041		mg/Kg-dry	1	8/16/2017
Trichloroethene	ND	0.0041		mg/Kg-dry	1	8/16/2017
Vinyl chloride	ND	0.0041		mg/Kg-dry	1	8/16/2017
Xylenes, Total	ND	0.012		mg/Kg-dry	1	8/16/2017

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Report Date: August 18, 2017

Print Date: August 18, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-56-08 (6-12)

Work Order: 17080286 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL

Collection Date: 8/7/2017 11:53:00 AM

Lab ID: 17080286-030B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS		SW8270C (SW3550B)		Prep Date: 8/10/2017		Analyst: MEP
Acenaphthene	ND	0.036		mg/Kg-dry	1	8/14/2017
Acenaphthylene	ND	0.036		mg/Kg-dry	1	8/14/2017
Aniline	ND	0.36		mg/Kg-dry	1	8/14/2017
Anthracene	ND	0.036		mg/Kg-dry	1	8/14/2017
Benz(a)anthracene	ND	0.036		mg/Kg-dry	1	8/14/2017
Benzidine	ND	0.36		mg/Kg-dry	1	8/14/2017
Benzo(a)pyrene	ND	0.036		mg/Kg-dry	1	8/14/2017
Benzo(b)fluoranthene	ND	0.036		mg/Kg-dry	1	8/14/2017
Benzo(g,h,i)perylene	ND	0.036		mg/Kg-dry	1	8/14/2017
Benzo(k)fluoranthene	ND	0.036		mg/Kg-dry	1	8/14/2017
Benzoic acid	ND	0.91		mg/Kg-dry	1	8/14/2017
Benzyl alcohol	ND	0.19		mg/Kg-dry	1	8/14/2017
Bis(2-chloroethoxy)methane	ND	0.19		mg/Kg-dry	1	8/14/2017
Bis(2-chloroethyl)ether	ND	0.19		mg/Kg-dry	1	8/14/2017
Bis(2-ethylhexyl)phthalate	ND	0.91		mg/Kg-dry	1	8/14/2017
4-Bromophenyl phenyl ether	ND	0.19		mg/Kg-dry	1	8/14/2017
Butyl benzyl phthalate	ND	0.19		mg/Kg-dry	1	8/14/2017
Carbazole	ND	0.19		mg/Kg-dry	1	8/14/2017
4-Chloroaniline	ND	0.19		mg/Kg-dry	1	8/14/2017
4-Chloro-3-methylphenol	ND	0.36		mg/Kg-dry	1	8/14/2017
2-Chloronaphthalene	ND	0.19		mg/Kg-dry	1	8/14/2017
2-Chlorophenol	ND	0.19		mg/Kg-dry	1	8/14/2017
4-Chlorophenyl phenyl ether	ND	0.19		mg/Kg-dry	1	8/14/2017
Chrysene	ND	0.036		mg/Kg-dry	1	8/14/2017
Dibenz(a,h)anthracene	ND	0.036		mg/Kg-dry	1	8/14/2017
Dibenzofuran	ND	0.19		mg/Kg-dry	1	8/14/2017
1,2-Dichlorobenzene	ND	0.19		mg/Kg-dry	1	8/14/2017
1,3-Dichlorobenzene	ND	0.19		mg/Kg-dry	1	8/14/2017
1,4-Dichlorobenzene	ND	0.19		mg/Kg-dry	1	8/14/2017
3,3'-Dichlorobenzidine	ND	0.19		mg/Kg-dry	1	8/14/2017
2,4-Dichlorophenol	ND	0.19		mg/Kg-dry	1	8/14/2017
Diethyl phthalate	ND	0.19		mg/Kg-dry	1	8/14/2017
2,4-Dimethylphenol	ND	0.19		mg/Kg-dry	1	8/14/2017
Dimethyl phthalate	ND	0.19		mg/Kg-dry	1	8/14/2017
4,6-Dinitro-2-methylphenol	ND	0.36		mg/Kg-dry	1	8/14/2017
2,4-Dinitrophenol	ND	0.91		mg/Kg-dry	1	8/14/2017
2,4-Dinitrotoluene	ND	0.036		mg/Kg-dry	1	8/14/2017
2,6-Dinitrotoluene	ND	0.036		mg/Kg-dry	1	8/14/2017

Qualifiers:

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Report Date: August 18, 2017

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ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-56-08 (6-12)

Work Order: 17080286 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL

Collection Date: 8/7/2017 11:53:00 AM

Lab ID: 17080286-030B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS						
	SW8270C (SW3550B)					Prep Date: 8/10/2017 Analyst: MEP
Di-n-butyl phthalate	ND	0.19		mg/Kg-dry	1	8/14/2017
Di-n-octyl phthalate	ND	0.19		mg/Kg-dry	1	8/14/2017
Fluoranthene	ND	0.036		mg/Kg-dry	1	8/14/2017
Fluorene	ND	0.036		mg/Kg-dry	1	8/14/2017
Hexachlorobenzene	ND	0.19		mg/Kg-dry	1	8/14/2017
Hexachlorobutadiene	ND	0.19		mg/Kg-dry	1	8/14/2017
Hexachlorocyclopentadiene	ND	0.19		mg/Kg-dry	1	8/14/2017
Hexachloroethane	ND	0.19		mg/Kg-dry	1	8/14/2017
Indeno(1,2,3-cd)pyrene	ND	0.036		mg/Kg-dry	1	8/14/2017
Isophorone	ND	0.19		mg/Kg-dry	1	8/14/2017
2-Methylnaphthalene	ND	0.19		mg/Kg-dry	1	8/14/2017
2-Methylphenol	ND	0.19		mg/Kg-dry	1	8/14/2017
4-Methylphenol	ND	0.19		mg/Kg-dry	1	8/14/2017
Naphthalene	ND	0.036		mg/Kg-dry	1	8/14/2017
2-Nitroaniline	ND	0.19		mg/Kg-dry	1	8/14/2017
3-Nitroaniline	ND	0.19		mg/Kg-dry	1	8/14/2017
4-Nitroaniline	ND	0.19		mg/Kg-dry	1	8/14/2017
2-Nitrophenol	ND	0.19		mg/Kg-dry	1	8/14/2017
4-Nitrophenol	ND	0.36		mg/Kg-dry	1	8/14/2017
Nitrobenzene	ND	0.036		mg/Kg-dry	1	8/14/2017
N-Nitrosodi-n-propylamine	ND	0.036		mg/Kg-dry	1	8/14/2017
N-Nitrosodimethylamine	ND	0.19		mg/Kg-dry	1	8/14/2017
N-Nitrosodiphenylamine	ND	0.19		mg/Kg-dry	1	8/14/2017
2, 2'-oxybis(1-Chloropropane)	ND	0.19		mg/Kg-dry	1	8/14/2017
Pentachlorophenol	ND	0.073		mg/Kg-dry	1	8/14/2017
Phenanthrene	ND	0.036		mg/Kg-dry	1	8/14/2017
Phenol	ND	0.19		mg/Kg-dry	1	8/14/2017
Pyrene	ND	0.036		mg/Kg-dry	1	8/14/2017
Pyridine	ND	0.73		mg/Kg-dry	1	8/14/2017
1,2,4-Trichlorobenzene	ND	0.19		mg/Kg-dry	1	8/14/2017
2,4,5-Trichlorophenol	ND	0.19		mg/Kg-dry	1	8/14/2017
2,4,6-Trichlorophenol	ND	0.19		mg/Kg-dry	1	8/14/2017
Metals by ICP/MS						
	SW6020 (SW3050B)					Prep Date: 8/10/2017 Analyst: JG
Aluminum	4100	19		mg/Kg-dry	10	8/14/2017
Antimony	ND	1.9		mg/Kg-dry	10	8/14/2017
Arsenic	6.0	0.95		mg/Kg-dry	10	8/14/2017
Barium	21	0.95		mg/Kg-dry	10	8/14/2017
Beryllium	ND	0.48		mg/Kg-dry	10	8/14/2017

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

Report Date: August 18, 2017

Print Date: August 18, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-56-08 (6-12)

Work Order: 17080286 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 8/7/2017 11:53:00 AM

Lab ID: 17080286-030B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed

Metals by ICP/MS

SW6020 (SW3050B)

Prep Date: 8/10/2017

Analyst: JG

Cadmium	ND	0.48		mg/Kg-dry	10	8/14/2017
Calcium	110000	570		mg/Kg-dry	100	8/14/2017
Chromium	8.8	0.95		mg/Kg-dry	10	8/14/2017
Cobalt	6.2	0.95		mg/Kg-dry	10	8/14/2017
Copper	20	2.4		mg/Kg-dry	10	8/14/2017
Iron	13000	29		mg/Kg-dry	10	8/14/2017
Lead	6.4	0.48		mg/Kg-dry	10	8/14/2017
Magnesium	61000	29		mg/Kg-dry	10	8/14/2017
Manganese	490	0.95		mg/Kg-dry	10	8/14/2017
Nickel	16	0.95		mg/Kg-dry	10	8/14/2017
Potassium	690	29		mg/Kg-dry	10	8/14/2017
Selenium	ND	0.95		mg/Kg-dry	10	8/14/2017
Silver	ND	0.95		mg/Kg-dry	10	8/14/2017
Sodium	500	57		mg/Kg-dry	10	8/14/2017
Thallium	ND	0.95		mg/Kg-dry	10	8/14/2017
Vanadium	16	0.95		mg/Kg-dry	10	8/14/2017
Zinc	31	4.8		mg/Kg-dry	10	8/14/2017

SPLP Metals by ICP/MS

SW1312/6020 (SW3005A)

Prep Date: 8/16/2017

Analyst: JG

Arsenic	ND	0.0040		mg/L	2	8/17/2017
Barium	ND	0.020		mg/L	2	8/17/2017
Beryllium	ND	0.0020		mg/L	2	8/17/2017
Cadmium	ND	0.0020		mg/L	2	8/17/2017
Chromium	ND	0.0040		mg/L	2	8/17/2017
Cobalt	ND	0.0040		mg/L	2	8/17/2017
Copper	ND	0.040		mg/L	2	8/17/2017
Iron	0.50	0.10		mg/L	2	8/17/2017
Lead	ND	0.0020		mg/L	2	8/17/2017
Manganese	ND	0.0040		mg/L	2	8/17/2017
Nickel	ND	0.0040		mg/L	2	8/17/2017
Selenium	ND	0.0040		mg/L	2	8/17/2017
Silver	ND	0.0040		mg/L	2	8/17/2017
Zinc	ND	0.040		mg/L	2	8/17/2017

TCLP Metals by ICP/MS

SW1311/6020 (SW3005A)

Prep Date: 8/17/2017

Analyst: JG

Arsenic	ND	0.010		mg/L	5	8/17/2017
Barium	0.18	0.050		mg/L	5	8/17/2017
Beryllium	ND	0.0050		mg/L	5	8/17/2017
Cadmium	ND	0.0050		mg/L	5	8/17/2017

Qualifiers:

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E - Value above quantitation range

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Report Date: August 18, 2017

Print Date: August 18, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-56-08 (6-12)

Work Order: 17080286 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL

Collection Date: 8/7/2017 11:53:00 AM

Lab ID: 17080286-030B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
TCLP Metals by ICP/MS	SW1311/6020 (SW3005A)					Prep Date: 8/17/2017 Analyst: JG
Chromium	ND	0.010		mg/L	5	8/17/2017
Cobalt	0.031	0.010		mg/L	5	8/17/2017
Copper	ND	0.10		mg/L	5	8/17/2017
Iron	2.7	0.25		mg/L	5	8/17/2017
Lead	ND	0.0050		mg/L	5	8/17/2017
Manganese	4.1	0.010		mg/L	5	8/17/2017
Nickel	0.063	0.010		mg/L	5	8/17/2017
Selenium	ND	0.010		mg/L	5	8/17/2017
Silver	ND	0.010		mg/L	5	8/17/2017
Zinc	ND	0.050		mg/L	5	8/17/2017
TCLP Mercury	SW1311/7470A					Prep Date: 8/17/2017 Analyst: LB
Mercury	ND	0.00020		mg/L	1	8/17/2017
SPLP Mercury	SW1312/7470A					Prep Date: 8/15/2017 Analyst: LB
Mercury	ND	0.00025		mg/L	1	8/16/2017
Mercury	SW7471A					Prep Date: 8/11/2017 Analyst: LB
Mercury	ND	0.020		mg/Kg-dry	1	8/14/2017
pH (25 °C)	SW9045C					Prep Date: 8/14/2017 Analyst: RW
pH	8.06			pH Units	1	8/14/2017
Percent Moisture	D2974					Prep Date: 8/10/2017 Analyst: KKA
Percent Moisture	8.5	0.2	*	wt%	1	8/11/2017

Qualifiers:

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Report Date: August 18, 2017

Print Date: August 18, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-56-08 (12-18)

Work Order: 17080286 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL

Collection Date: 8/7/2017 11:56:00 AM

Lab ID: 17080286-031A

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS		SW5035/8260B			Prep Date: 8/9/2017	Analyst: JNM
Acetone	ND	0.074		mg/Kg-dry	1	8/16/2017
Benzene	ND	0.0049		mg/Kg-dry	1	8/16/2017
Bromodichloromethane	ND	0.0049		mg/Kg-dry	1	8/16/2017
Bromoform	ND	0.0049		mg/Kg-dry	1	8/16/2017
Bromomethane	ND	0.0099		mg/Kg-dry	1	8/16/2017
2-Butanone	ND	0.074		mg/Kg-dry	1	8/16/2017
Carbon disulfide	ND	0.049		mg/Kg-dry	1	8/16/2017
Carbon tetrachloride	ND	0.0049		mg/Kg-dry	1	8/16/2017
Chlorobenzene	ND	0.0049		mg/Kg-dry	1	8/16/2017
Chloroethane	ND	0.0099		mg/Kg-dry	1	8/16/2017
Chloroform	ND	0.0049		mg/Kg-dry	1	8/16/2017
Chloromethane	ND	0.0099		mg/Kg-dry	1	8/16/2017
Dibromochloromethane	ND	0.0049		mg/Kg-dry	1	8/16/2017
1,1-Dichloroethane	ND	0.0049		mg/Kg-dry	1	8/16/2017
1,2-Dichloroethane	ND	0.0049		mg/Kg-dry	1	8/16/2017
1,1-Dichloroethene	ND	0.0049		mg/Kg-dry	1	8/16/2017
cis-1,2-Dichloroethene	ND	0.0049		mg/Kg-dry	1	8/16/2017
trans-1,2-Dichloroethene	ND	0.0049		mg/Kg-dry	1	8/16/2017
1,2-Dichloropropane	ND	0.0049		mg/Kg-dry	1	8/16/2017
cis-1,3-Dichloropropene	ND	0.0020		mg/Kg-dry	1	8/16/2017
trans-1,3-Dichloropropene	ND	0.0020		mg/Kg-dry	1	8/16/2017
Ethylbenzene	ND	0.0049		mg/Kg-dry	1	8/16/2017
2-Hexanone	ND	0.020		mg/Kg-dry	1	8/16/2017
4-Methyl-2-pentanone	ND	0.020		mg/Kg-dry	1	8/16/2017
Methylene chloride	ND	0.0099		mg/Kg-dry	1	8/16/2017
Methyl tert-butyl ether	ND	0.0049		mg/Kg-dry	1	8/16/2017
Styrene	ND	0.0049		mg/Kg-dry	1	8/16/2017
1,1,2,2-Tetrachloroethane	ND	0.0049		mg/Kg-dry	1	8/16/2017
Tetrachloroethene	ND	0.0049		mg/Kg-dry	1	8/16/2017
Toluene	ND	0.0049		mg/Kg-dry	1	8/16/2017
1,1,1-Trichloroethane	ND	0.0049		mg/Kg-dry	1	8/16/2017
1,1,2-Trichloroethane	ND	0.0049		mg/Kg-dry	1	8/16/2017
Trichloroethene	ND	0.0049		mg/Kg-dry	1	8/16/2017
Vinyl chloride	ND	0.0049		mg/Kg-dry	1	8/16/2017
Xylenes, Total	ND	0.015		mg/Kg-dry	1	8/16/2017

Qualifiers:

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J - Analyte detected below quantitation limits

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Report Date: August 18, 2017

Print Date: August 18, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-56-08 (12-18)

Work Order: 17080286 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL

Collection Date: 8/7/2017 11:56:00 AM

Lab ID: 17080286-031B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed

Semivolatile Organic Compounds by GC/MS	SW8270C (SW3550B)				Prep Date: 8/10/2017	Analyst: DM

Acenaphthene	ND	0.036		mg/Kg-dry	1	8/15/2017
Acenaphthylene	ND	0.036		mg/Kg-dry	1	8/15/2017
Aniline	ND	0.36		mg/Kg-dry	1	8/15/2017
Anthracene	ND	0.036		mg/Kg-dry	1	8/15/2017
Benz(a)anthracene	ND	0.036		mg/Kg-dry	1	8/15/2017
Benzidine	ND	0.36		mg/Kg-dry	1	8/15/2017
Benzo(a)pyrene	ND	0.036		mg/Kg-dry	1	8/15/2017
Benzo(b)fluoranthene	ND	0.036		mg/Kg-dry	1	8/15/2017
Benzo(g,h,i)perylene	ND	0.036		mg/Kg-dry	1	8/15/2017
Benzo(k)fluoranthene	ND	0.036		mg/Kg-dry	1	8/15/2017
Benzoic acid	ND	0.90		mg/Kg-dry	1	8/15/2017
Benzyl alcohol	ND	0.18		mg/Kg-dry	1	8/15/2017
Bis(2-chloroethoxy)methane	ND	0.18		mg/Kg-dry	1	8/15/2017
Bis(2-chloroethyl)ether	ND	0.18		mg/Kg-dry	1	8/15/2017
Bis(2-ethylhexyl)phthalate	ND	0.90		mg/Kg-dry	1	8/15/2017
4-Bromophenyl phenyl ether	ND	0.18		mg/Kg-dry	1	8/15/2017
Butyl benzyl phthalate	ND	0.18		mg/Kg-dry	1	8/15/2017
Carbazole	ND	0.18		mg/Kg-dry	1	8/15/2017
4-Chloroaniline	ND	0.18		mg/Kg-dry	1	8/15/2017
4-Chloro-3-methylphenol	ND	0.36		mg/Kg-dry	1	8/15/2017
2-Chloronaphthalene	ND	0.18		mg/Kg-dry	1	8/15/2017
2-Chlorophenol	ND	0.18		mg/Kg-dry	1	8/15/2017
4-Chlorophenyl phenyl ether	ND	0.18		mg/Kg-dry	1	8/15/2017
Chrysene	ND	0.036		mg/Kg-dry	1	8/15/2017
Dibenz(a,h)anthracene	ND	0.036		mg/Kg-dry	1	8/15/2017
Dibenzofuran	ND	0.18		mg/Kg-dry	1	8/15/2017
1,2-Dichlorobenzene	ND	0.18		mg/Kg-dry	1	8/15/2017
1,3-Dichlorobenzene	ND	0.18		mg/Kg-dry	1	8/15/2017
1,4-Dichlorobenzene	ND	0.18		mg/Kg-dry	1	8/15/2017
3,3'-Dichlorobenzidine	ND	0.18		mg/Kg-dry	1	8/15/2017
2,4-Dichlorophenol	ND	0.18		mg/Kg-dry	1	8/15/2017
Diethyl phthalate	ND	0.18		mg/Kg-dry	1	8/15/2017
2,4-Dimethylphenol	ND	0.18		mg/Kg-dry	1	8/15/2017
Dimethyl phthalate	ND	0.18		mg/Kg-dry	1	8/15/2017
4,6-Dinitro-2-methylphenol	ND	0.36		mg/Kg-dry	1	8/15/2017
2,4-Dinitrophenol	ND	0.90		mg/Kg-dry	1	8/15/2017
2,4-Dinitrotoluene	ND	0.036		mg/Kg-dry	1	8/15/2017
2,6-Dinitrotoluene	ND	0.036		mg/Kg-dry	1	8/15/2017

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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Report Date: August 18, 2017

Print Date: August 18, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-56-08 (12-18)

Work Order: 17080286 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL

Collection Date: 8/7/2017 11:56:00 AM

Lab ID: 17080286-031B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed

Semivolatile Organic Compounds by GC/MS SW8270C (SW3550B) Prep Date: 8/10/2017 Analyst: DM

Di-n-butyl phthalate	ND	0.18		mg/Kg-dry	1	8/15/2017
Di-n-octyl phthalate	ND	0.18		mg/Kg-dry	1	8/15/2017
Fluoranthene	ND	0.036		mg/Kg-dry	1	8/15/2017
Fluorene	ND	0.036		mg/Kg-dry	1	8/15/2017
Hexachlorobenzene	ND	0.18		mg/Kg-dry	1	8/15/2017
Hexachlorobutadiene	ND	0.18		mg/Kg-dry	1	8/15/2017
Hexachlorocyclopentadiene	ND	0.18		mg/Kg-dry	1	8/15/2017
Hexachloroethane	ND	0.18		mg/Kg-dry	1	8/15/2017
Indeno(1,2,3-cd)pyrene	ND	0.036		mg/Kg-dry	1	8/15/2017
Isophorone	ND	0.18		mg/Kg-dry	1	8/15/2017
2-Methylnaphthalene	ND	0.18		mg/Kg-dry	1	8/15/2017
2-Methylphenol	ND	0.18		mg/Kg-dry	1	8/15/2017
4-Methylphenol	ND	0.18		mg/Kg-dry	1	8/15/2017
Naphthalene	ND	0.036		mg/Kg-dry	1	8/15/2017
2-Nitroaniline	ND	0.18		mg/Kg-dry	1	8/15/2017
3-Nitroaniline	ND	0.18		mg/Kg-dry	1	8/15/2017
4-Nitroaniline	ND	0.18		mg/Kg-dry	1	8/15/2017
2-Nitrophenol	ND	0.18		mg/Kg-dry	1	8/15/2017
4-Nitrophenol	ND	0.36		mg/Kg-dry	1	8/15/2017
Nitrobenzene	ND	0.036		mg/Kg-dry	1	8/15/2017
N-Nitrosodi-n-propylamine	ND	0.036		mg/Kg-dry	1	8/15/2017
N-Nitrosodimethylamine	ND	0.18		mg/Kg-dry	1	8/15/2017
N-Nitrosodiphenylamine	ND	0.18		mg/Kg-dry	1	8/15/2017
2, 2'-oxybis(1-Chloropropane)	ND	0.18		mg/Kg-dry	1	8/15/2017
Pentachlorophenol	ND	0.073		mg/Kg-dry	1	8/15/2017
Phenanthrene	ND	0.036		mg/Kg-dry	1	8/15/2017
Phenol	ND	0.18		mg/Kg-dry	1	8/15/2017
Pyrene	ND	0.036		mg/Kg-dry	1	8/15/2017
Pyridine	ND	0.73		mg/Kg-dry	1	8/15/2017
1,2,4-Trichlorobenzene	ND	0.18		mg/Kg-dry	1	8/15/2017
2,4,5-Trichlorophenol	ND	0.18		mg/Kg-dry	1	8/15/2017
2,4,6-Trichlorophenol	ND	0.18		mg/Kg-dry	1	8/15/2017

Metals by ICP/MS SW6020 (SW3050B) Prep Date: 8/10/2017 Analyst: JG

Aluminum	3000	19		mg/Kg-dry	10	8/14/2017
Antimony	ND	1.9		mg/Kg-dry	10	8/14/2017
Arsenic	4.4	0.95		mg/Kg-dry	10	8/14/2017
Barium	13	0.95		mg/Kg-dry	10	8/14/2017
Beryllium	ND	0.47		mg/Kg-dry	10	8/14/2017

Qualifiers:

ND - Not Detected at the Reporting Limit

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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

Report Date: August 18, 2017

Print Date: August 18, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-56-08 (12-18)

Work Order: 17080286 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL

Collection Date: 8/7/2017 11:56:00 AM

Lab ID: 17080286-031B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed

Metals by ICP/MS

SW6020 (SW3050B)

Prep Date: 8/10/2017

Analyst: JG

Cadmium	ND	0.47		mg/Kg-dry	10	8/14/2017
Calcium	130000	570		mg/Kg-dry	100	8/14/2017
Chromium	7.6	0.95		mg/Kg-dry	10	8/14/2017
Cobalt	4.6	0.95		mg/Kg-dry	10	8/14/2017
Copper	11	2.4		mg/Kg-dry	10	8/14/2017
Iron	11000	28		mg/Kg-dry	10	8/14/2017
Lead	6.2	0.47		mg/Kg-dry	10	8/14/2017
Magnesium	59000	28		mg/Kg-dry	10	8/14/2017
Manganese	310	0.95		mg/Kg-dry	10	8/14/2017
Nickel	10	0.95		mg/Kg-dry	10	8/14/2017
Potassium	610	28		mg/Kg-dry	10	8/14/2017
Selenium	ND	0.95		mg/Kg-dry	10	8/14/2017
Silver	ND	0.95		mg/Kg-dry	10	8/14/2017
Sodium	260	57		mg/Kg-dry	10	8/14/2017
Thallium	ND	0.95		mg/Kg-dry	10	8/14/2017
Vanadium	11	0.95		mg/Kg-dry	10	8/14/2017
Zinc	28	4.7		mg/Kg-dry	10	8/14/2017

SPLP Metals by ICP/MS

SW1312/6020 (SW3005A)

Prep Date: 8/16/2017

Analyst: JG

Arsenic	ND	0.0040		mg/L	2	8/17/2017
Barium	ND	0.020		mg/L	2	8/17/2017
Beryllium	ND	0.0020		mg/L	2	8/17/2017
Cadmium	ND	0.0020		mg/L	2	8/17/2017
Chromium	ND	0.0040		mg/L	2	8/17/2017
Cobalt	ND	0.0040		mg/L	2	8/17/2017
Copper	ND	0.040		mg/L	2	8/17/2017
Iron	2.0	0.10		mg/L	2	8/17/2017
Lead	ND	0.0020		mg/L	2	8/17/2017
Manganese	0.0094	0.0040		mg/L	2	8/17/2017
Nickel	ND	0.0040		mg/L	2	8/17/2017
Selenium	ND	0.0040		mg/L	2	8/17/2017
Silver	ND	0.0040		mg/L	2	8/17/2017
Zinc	ND	0.040		mg/L	2	8/17/2017

TCLP Metals by ICP/MS

SW1311/6020 (SW3005A)

Prep Date: 8/17/2017

Analyst: JG

Arsenic	ND	0.010		mg/L	5	8/17/2017
Barium	0.11	0.050		mg/L	5	8/17/2017
Beryllium	ND	0.0050		mg/L	5	8/17/2017
Cadmium	ND	0.0050		mg/L	5	8/17/2017

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

Report Date: August 18, 2017

Print Date: August 18, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-56-08 (12-18)

Work Order: 17080286 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 8/7/2017 11:56:00 AM

Lab ID: 17080286-031B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
TCLP Metals by ICP/MS	SW1311/6020 (SW3005A)					Prep Date: 8/17/2017 Analyst: JG
Chromium	ND	0.010		mg/L	5	8/17/2017
Cobalt	0.044	0.010		mg/L	5	8/17/2017
Copper	ND	0.10		mg/L	5	8/17/2017
Iron	3.7	0.25		mg/L	5	8/17/2017
Lead	ND	0.0050		mg/L	5	8/17/2017
Manganese	4.3	0.010		mg/L	5	8/17/2017
Nickel	0.067	0.010		mg/L	5	8/17/2017
Selenium	ND	0.010		mg/L	5	8/17/2017
Silver	ND	0.010		mg/L	5	8/17/2017
Zinc	ND	0.050		mg/L	5	8/17/2017
TCLP Mercury	SW1311/7470A					Prep Date: 8/17/2017 Analyst: LB
Mercury	ND	0.00020		mg/L	1	8/17/2017
SPLP Mercury	SW1312/7470A					Prep Date: 8/15/2017 Analyst: LB
Mercury	ND	0.00025		mg/L	1	8/16/2017
Mercury	SW7471A					Prep Date: 8/11/2017 Analyst: LB
Mercury	ND	0.022		mg/Kg-dry	1	8/14/2017
pH (25 °C)	SW9045C					Prep Date: 8/14/2017 Analyst: RW
pH	8.05			pH Units	1	8/14/2017
Percent Moisture	D2974					Prep Date: 8/10/2017 Analyst: KKA
Percent Moisture	8.1	0.2	*	wt%	1	8/11/2017

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



Illinois Environmental Protection Agency

Page 1 of 2

Bureau of Land • 1021 North Grand Avenue East • P.O. Box 19276 • Springfield • Illinois • 62794-9276

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: FAP 345 / US Route 20 at IL Route 59 Office Phone Number, if available: _____

Physical Site Location (address, including number and street): 2531V-18 (648-676 White Oak/29W900 Lake); 2531-56 (1-309 Monarch/29W980 Lake); 2531V-13 (1188-94 Bloomfield, 971-972 Highpoint, 756-764 Crabtree); 2531V-15 (1296 Sutton); 2531V-16 (768 Crabtree).

City: Bartlett/Streamwood State: IL Zip Code: 60103

County: Cook Township: T41N / Hanover

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

Latitude: 42.008291 Longitude: -88.203318
(Decimal Degrees) (-Decimal Degrees)

Identify how the lat/long data were determined:

☐ GPS ☐ Map Interpolation ☐ Photo Interpolation ☐ Survey ☒ Other

ISGS Public Land Survey System - Approximate Center of multiple addresses

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

II. Owner/Operator Information for Source Site

Site Owner

Name: Illinois Dept. of Transportation, District 1
Street Address: 201 W Center Court
PO Box: _____
City: Schaumburg State: IL
Zip Code: 60196 Phone: 847-705-4101
Contact: Sam Mead
Email, if available: Sam.Mead@illinois.gov

Site Operator

Name: Illinois Dept. of Transportation, District 1
Street Address: 201 W Center Court
PO Box: _____
City: Schaumburg State: IL
Zip Code: 60196 Phone: 847-705-4101
Contact: Sam Mead
Email, if available: Sam.Mead@illinois.gov

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: FAP 345 / US Route 20 at IL Route 59Latitude: 42.008291 Longitude: -88.203318Uncontaminated Site 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):

Refer to Figure 4-1.3 in the Final PSI Report and boring locations 2531V-13-01 and 2531V-13-02 (Sta 116+75 to 120+50); 2531V-13-04 (Sta 114+75 to 115+80); 2531V-15-02 and 2531V-56-11 (Sta 112+00 to 114+00); 2531V-16-02 (Sta 113+00 to 113+75); and 2531V-18-02 (Sta 108+00 to 109+30).

- 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]:

Refer to Tables 4-2 and 4-3 in the Final PSI Report for results summary and STAT Laboratory Report #17080266 Rev 0 and #17080286 Rev 0. Site specific table of results is attached to this form.

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

I, Jeremy J. Reynolds, P.G. (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))

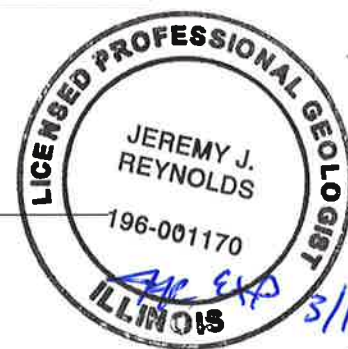
Company Name: Huff & Huff, Inc. / GZA GeoEnvironmental, Inc.Street Address: 915 Harger Road, Suite 330City: Oak Brook State: IL Zip Code: 60523Phone: 630-684-9100

Jeremy J. Reynolds, P.G.

Printed Name:

[Signature]
 Licensed Professional Engineer or
 Licensed Professional Geologist Signature:

Date:

8/27/17

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

LPC-663 Results Table for Sites 2531V-13-01, 13-02, 13-04, 15-02, 16-02, 18-02, and 56-11
Soils for Unrestricted Reuse or Disposal Including CCDD/USFO Facilities

Boring ID	2531V-13-01	2531V-13-01	2531V-13-02	2531V-13-02	2531V-13-04	2531V-13-04	2531V-15-02	2531V-15-02	2531V-15-02	2531V-16-02	2531V-16-02	2531V-18-02	2531V-18-02	2531V-56-11	2531V-56-11	2531V-56-11	Soil Reference Concentrations ^{a/}
Sample Depth, ft	0-5	5-9	0-5	5-9	0-5	5-9	0-6	6-12	12-18	0-5	5-9	0-5	5-9	0-6	6-12	12-18	
Sample Date	8/8/17	8/8/17	8/8/17	8/8/17	8/8/17	8/8/17	8/7/17	8/7/17	8/7/17	8/8/17	8/8/17	8/8/17	8/8/17	8/9/17	8/9/17	8/9/17	
Excavation Area(s) [ISGS Site No.(s)]	2531V-13	2531V-13	2531V-13	2531V-13	2531V-13	2531V-13	2531V-15	2531V-15	2531V-15	2531V-16	2531V-16	2531V-18	2531V-18	2531V-56	2531V-56	2531V-56	
Parameter																	
Laboratory soil pH (s.u.)	8.54	8.08	7.57	6.45	7.56	7.71	8.59	8.11	7.45	8.37	8.32	8.04	8.97	8.28	8.39	7.76	<6.25, >9.0
VOCs (mg/kg)	NO EXCEEDANCES																
SVOCs, mg/kg																	
Benzo(a)anthracene	< 0.039	< 0.039	< 0.040	< 0.042	< 0.040	< 0.040	< 0.039	< 0.040	< 0.040	< 0.042	< 0.041	< 0.041	< 0.036	< 0.042	< 0.040	< 0.041	0.9 / 1.1 / 1.8
Benzo(a)pyrene	< 0.039	< 0.039	< 0.040	< 0.042	< 0.040	< 0.040	< 0.039	< 0.040	< 0.040	< 0.042	< 0.041	< 0.041	< 0.036	< 0.042	< 0.040	< 0.041	0.09 / 1.3 / 2.1
Benzo(b)fluoranthene	< 0.039	< 0.039	< 0.040	< 0.042	< 0.040	< 0.040	< 0.039	< 0.040	< 0.040	< 0.042	< 0.041	< 0.041	< 0.036	< 0.042	< 0.040	< 0.041	0.9 / 1.5 / 2.1
Dibenz(a,h)anthracene	< 0.039	< 0.039	< 0.040	< 0.042	< 0.040	< 0.040	< 0.039	< 0.040	< 0.040	< 0.042	< 0.041	< 0.041	< 0.036	< 0.042	< 0.040	< 0.041	0.09 / 0.2 / 0.42
Total Metals, mg/kg																	
Arsenic	11	7.9	6.2	3.7	8.3	9.5	7.5	11	5.4	6.0	9.3	10	6.0	9.3	6.3	8.4	11.3 / 13
Chromium	17	20	20	27	23	24	16	18	17	27	20	25	9.4	19	18	17	21
Cobalt	15	10	11	6.8	11	11	9.8	14	10	14	10	16	5.8	10	12	11	20
Iron	30000	25000	19000	22000	25000	25000	19000	17000	22000	27000	23000	27000	15000	23000	19000	21000	15,000 / 15,900
Lead	15	20	20	14	30	65	18	15	13	20	15	65	6.8	23	14	14	107
Manganese	1600	630	390	120	520	990	630	280	570	910	660	1000	410	650	340	710	630 / 636
TCLP Metals, mg/L																	
Cadmium	< 0.0050	0.0062	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	0.0065	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	0.005
Iron	< 0.25	< 0.25	0.33	0.26	0.96	0.35	< 0.25	1.0	0.57	0.37	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	1.2	5
Lead	< 0.0050	< 0.0050	0.0083	0.0096	0.0074	0.028	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	0.0075
Manganese	0.75	6.2	10	0.68	14	13	0.26	3.3	5.2	0.015	0.82	0.076	1.3	0.19	1.1	4.8	0.15
Nickel	< 0.010	0.057	0.035	0.021	0.042	0.11	< 0.010	0.053	0.18	< 0.010	0.015	< 0.010	0.016	< 0.010	0.016	0.21	0.1
Zinc	< 0.050	< 0.050	< 0.050	0.14	0.053	0.17	< 0.050	0.076	0.20	< 0.050	< 0.050	0.054	< 0.050	< 0.050	< 0.050	0.20	5
SPLP Metals, mg/L																	
Iron	8.1	8.4	9.4	2.9	4.3	2.4	4.5	8.9	0.14	38	25	2.2	2.4	5.5	12	0.95	5
Lead	0.0046	0.0042	0.0071	< 0.0020	0.0033	0.0036	0.0020	0.0057	< 0.0020	0.010	0.0099	0.0032	< 0.0020	0.0022	0.0061	< 0.0020	0.0075
Manganese	0.094	0.047	0.082	0.011	0.050	0.033	0.027	0.044	0.081	0.13	0.12	0.020	0.016	0.030	0.053	0.042	0.15

--- - Refers to not applicable or value not available

Note: only samples and parameters with exceedances impacting construction activities are presented on this Figure; see Tables C-1 and C-2 in Appendix C for comprehensive analytical report tables of all samples and constituents analyzed.

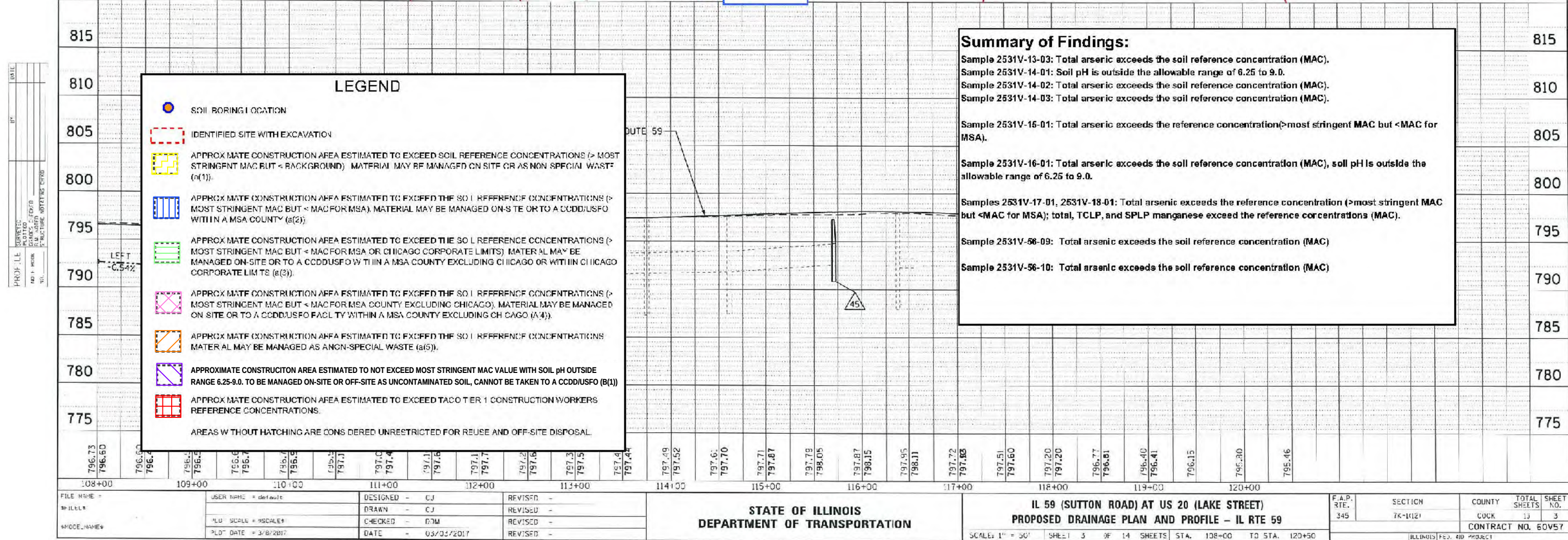
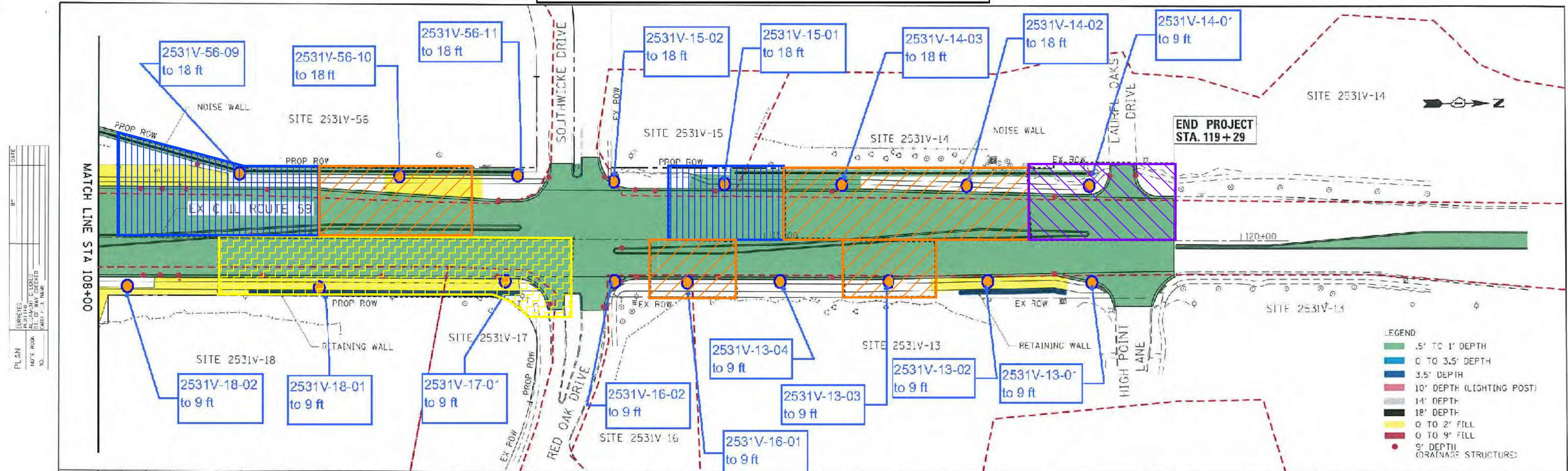
Organic Soil Reference Concentrations (XX.XX / XX.XX / XX.XX) Include the Most Stringent Values from the MAC Table / The Chicago Corporate Limit / and The MSA County Excluding Chicago Values From the MAC Table

Inorganic Soil Reference Concentrations (xx.xx / xx.xx) Include the Most Stringent values from the MAC Table / and the MSA County Value

a/ Soil reference concentrations from MAC table. Background values for MSA counties are included as

Shaded values indicate concentration exceeds reference concentration

FIGURE 4-1.3 EXTENT OF POTENTIALLY IMPACTED SOIL



STAT Analysis Corporation

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

Report Date: August 17, 2017

Print Date: August 17, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-13-01 (0-5)

Work Order: 17080266 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 8/8/2017 11:07:00 AM

Lab ID: 17080266-001A

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS		SW5035/8260B			Prep Date: 8/8/2017	Analyst: ERP
Acetone	ND	0.073		mg/Kg-dry	1	8/14/2017
Benzene	ND	0.0049		mg/Kg-dry	1	8/14/2017
Bromodichloromethane	ND	0.0049		mg/Kg-dry	1	8/14/2017
Bromoform	ND	0.0049		mg/Kg-dry	1	8/14/2017
Bromomethane	ND	0.0098		mg/Kg-dry	1	8/14/2017
2-Butanone	ND	0.073		mg/Kg-dry	1	8/14/2017
Carbon disulfide	ND	0.049		mg/Kg-dry	1	8/14/2017
Carbon tetrachloride	ND	0.0049		mg/Kg-dry	1	8/14/2017
Chlorobenzene	ND	0.0049		mg/Kg-dry	1	8/14/2017
Chloroethane	ND	0.0098		mg/Kg-dry	1	8/14/2017
Chloroform	ND	0.0049		mg/Kg-dry	1	8/14/2017
Chloromethane	ND	0.0098		mg/Kg-dry	1	8/14/2017
Dibromochloromethane	ND	0.0049		mg/Kg-dry	1	8/14/2017
1,1-Dichloroethane	ND	0.0049		mg/Kg-dry	1	8/14/2017
1,2-Dichloroethane	ND	0.0049		mg/Kg-dry	1	8/14/2017
1,1-Dichloroethene	ND	0.0049		mg/Kg-dry	1	8/14/2017
cis-1,2-Dichloroethene	ND	0.0049		mg/Kg-dry	1	8/14/2017
trans-1,2-Dichloroethene	ND	0.0049		mg/Kg-dry	1	8/14/2017
1,2-Dichloropropane	ND	0.0049		mg/Kg-dry	1	8/14/2017
cis-1,3-Dichloropropene	ND	0.0020		mg/Kg-dry	1	8/14/2017
trans-1,3-Dichloropropene	ND	0.0020		mg/Kg-dry	1	8/14/2017
Ethylbenzene	ND	0.0049		mg/Kg-dry	1	8/14/2017
2-Hexanone	ND	0.020		mg/Kg-dry	1	8/14/2017
4-Methyl-2-pentanone	ND	0.020		mg/Kg-dry	1	8/14/2017
Methylene chloride	ND	0.0098		mg/Kg-dry	1	8/14/2017
Methyl tert-butyl ether	ND	0.0049		mg/Kg-dry	1	8/14/2017
Styrene	ND	0.0049		mg/Kg-dry	1	8/14/2017
1,1,2,2-Tetrachloroethane	ND	0.0049		mg/Kg-dry	1	8/14/2017
Tetrachloroethene	ND	0.0049		mg/Kg-dry	1	8/14/2017
Toluene	ND	0.0049		mg/Kg-dry	1	8/14/2017
1,1,1-Trichloroethane	ND	0.0049		mg/Kg-dry	1	8/14/2017
1,1,2-Trichloroethane	ND	0.0049		mg/Kg-dry	1	8/14/2017
Trichloroethene	ND	0.0049		mg/Kg-dry	1	8/14/2017
Vinyl chloride	ND	0.0049		mg/Kg-dry	1	8/14/2017
Xylenes, Total	ND	0.015		mg/Kg-dry	1	8/14/2017

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

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

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

Report Date: August 17, 2017

Print Date: August 17, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-13-01 (0-5)

Work Order: 17080266 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 8/8/2017 11:07:00 AM

Lab ID: 17080266-001B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed

Semivolatile Organic Compounds by GC/MS	SW8270C (SW3550B)				Prep Date: 8/9/2017	Analyst: DM

Acenaphthene	ND	0.039		mg/Kg-dry	1	8/11/2017
Acenaphthylene	ND	0.039		mg/Kg-dry	1	8/11/2017
Aniline	ND	0.39		mg/Kg-dry	1	8/11/2017
Anthracene	ND	0.039		mg/Kg-dry	1	8/11/2017
Benz(a)anthracene	ND	0.039		mg/Kg-dry	1	8/11/2017
Benzidine	ND	0.39		mg/Kg-dry	1	8/11/2017
Benzo(a)pyrene	ND	0.039		mg/Kg-dry	1	8/11/2017
Benzo(b)fluoranthene	ND	0.039		mg/Kg-dry	1	8/11/2017
Benzo(g,h,i)perylene	ND	0.039		mg/Kg-dry	1	8/11/2017
Benzo(k)fluoranthene	ND	0.039		mg/Kg-dry	1	8/11/2017
Benzoic acid	ND	0.98		mg/Kg-dry	1	8/11/2017
Benzyl alcohol	ND	0.20		mg/Kg-dry	1	8/11/2017
Bis(2-chloroethoxy)methane	ND	0.20		mg/Kg-dry	1	8/11/2017
Bis(2-chloroethyl)ether	ND	0.20		mg/Kg-dry	1	8/11/2017
Bis(2-ethylhexyl)phthalate	ND	0.98		mg/Kg-dry	1	8/11/2017
4-Bromophenyl phenyl ether	ND	0.20		mg/Kg-dry	1	8/11/2017
Butyl benzyl phthalate	ND	0.20		mg/Kg-dry	1	8/11/2017
Carbazole	ND	0.20		mg/Kg-dry	1	8/11/2017
4-Chloroaniline	ND	0.20		mg/Kg-dry	1	8/11/2017
4-Chloro-3-methylphenol	ND	0.39		mg/Kg-dry	1	8/11/2017
2-Chloronaphthalene	ND	0.20		mg/Kg-dry	1	8/11/2017
2-Chlorophenol	ND	0.20		mg/Kg-dry	1	8/11/2017
4-Chlorophenyl phenyl ether	ND	0.20		mg/Kg-dry	1	8/11/2017
Chrysene	ND	0.039		mg/Kg-dry	1	8/11/2017
Dibenz(a,h)anthracene	ND	0.039		mg/Kg-dry	1	8/11/2017
Dibenzofuran	ND	0.20		mg/Kg-dry	1	8/11/2017
1,2-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	8/11/2017
1,3-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	8/11/2017
1,4-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	8/11/2017
3,3'-Dichlorobenzidine	ND	0.20		mg/Kg-dry	1	8/11/2017
2,4-Dichlorophenol	ND	0.20		mg/Kg-dry	1	8/11/2017
Diethyl phthalate	ND	0.20		mg/Kg-dry	1	8/11/2017
2,4-Dimethylphenol	ND	0.20		mg/Kg-dry	1	8/11/2017
Dimethyl phthalate	ND	0.20		mg/Kg-dry	1	8/11/2017
4,6-Dinitro-2-methylphenol	ND	0.39		mg/Kg-dry	1	8/11/2017
2,4-Dinitrophenol	ND	0.98		mg/Kg-dry	1	8/11/2017
2,4-Dinitrotoluene	ND	0.039		mg/Kg-dry	1	8/11/2017
2,6-Dinitrotoluene	ND	0.039		mg/Kg-dry	1	8/11/2017

Qualifiers:

ND - Not Detected at the Reporting Limit

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B - Analyte detected in the associated Method Blank

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

Report Date: August 17, 2017

Print Date: August 17, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-13-01 (0-5)

Work Order: 17080266 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL

Collection Date: 8/8/2017 11:07:00 AM

Lab ID: 17080266-001B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed

Semivolatile Organic Compounds by GC/MS SW8270C (SW3550B) Prep Date: 8/9/2017 Analyst: DM

Di-n-butyl phthalate	ND	0.20		mg/Kg-dry	1	8/11/2017
Di-n-octyl phthalate	ND	0.20		mg/Kg-dry	1	8/11/2017
Fluoranthene	ND	0.039		mg/Kg-dry	1	8/11/2017
Fluorene	ND	0.039		mg/Kg-dry	1	8/11/2017
Hexachlorobenzene	ND	0.20		mg/Kg-dry	1	8/11/2017
Hexachlorobutadiene	ND	0.20		mg/Kg-dry	1	8/11/2017
Hexachlorocyclopentadiene	ND	0.20		mg/Kg-dry	1	8/11/2017
Hexachloroethane	ND	0.20		mg/Kg-dry	1	8/11/2017
Indeno(1,2,3-cd)pyrene	ND	0.039		mg/Kg-dry	1	8/11/2017
Isophorone	ND	0.20		mg/Kg-dry	1	8/11/2017
2-Methylnaphthalene	ND	0.20		mg/Kg-dry	1	8/11/2017
2-Methylphenol	ND	0.20		mg/Kg-dry	1	8/11/2017
4-Methylphenol	ND	0.20		mg/Kg-dry	1	8/11/2017
Naphthalene	ND	0.039		mg/Kg-dry	1	8/11/2017
2-Nitroaniline	ND	0.20		mg/Kg-dry	1	8/11/2017
3-Nitroaniline	ND	0.20		mg/Kg-dry	1	8/11/2017
4-Nitroaniline	ND	0.20		mg/Kg-dry	1	8/11/2017
2-Nitrophenol	ND	0.20		mg/Kg-dry	1	8/11/2017
4-Nitrophenol	ND	0.39		mg/Kg-dry	1	8/11/2017
Nitrobenzene	ND	0.039		mg/Kg-dry	1	8/11/2017
N-Nitrosodi-n-propylamine	ND	0.039		mg/Kg-dry	1	8/11/2017
N-Nitrosodimethylamine	ND	0.20		mg/Kg-dry	1	8/11/2017
N-Nitrosodiphenylamine	ND	0.20		mg/Kg-dry	1	8/11/2017
2, 2'-oxybis(1-Chloropropane)	ND	0.20		mg/Kg-dry	1	8/11/2017
Pentachlorophenol	ND	0.079		mg/Kg-dry	1	8/11/2017
Phenanthrene	ND	0.039		mg/Kg-dry	1	8/11/2017
Phenol	ND	0.20		mg/Kg-dry	1	8/11/2017
Pyrene	ND	0.039		mg/Kg-dry	1	8/11/2017
Pyridine	ND	0.79		mg/Kg-dry	1	8/11/2017
1,2,4-Trichlorobenzene	ND	0.20		mg/Kg-dry	1	8/11/2017
2,4,5-Trichlorophenol	ND	0.20		mg/Kg-dry	1	8/11/2017
2,4,6-Trichlorophenol	ND	0.20		mg/Kg-dry	1	8/11/2017

Metals by ICP/MS SW6020 (SW3050B) Prep Date: 8/9/2017 Analyst: JG

Aluminum	9800	20		mg/Kg-dry	10	8/11/2017
Antimony	ND	2.0		mg/Kg-dry	10	8/11/2017
Arsenic	11	1.0		mg/Kg-dry	10	8/11/2017
Barium	75	1.0		mg/Kg-dry	10	8/11/2017
Beryllium	0.52	0.50		mg/Kg-dry	10	8/11/2017

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Report Date: August 17, 2017

Print Date: August 17, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-13-01 (0-5)

Work Order: 17080266 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL

Collection Date: 8/8/2017 11:07:00 AM

Lab ID: 17080266-001B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed

Metals by ICP/MS

SW6020 (SW3050B)

Prep Date: 8/9/2017

Analyst: JG

Cadmium	ND	0.50		mg/Kg-dry	10	8/11/2017
Calcium	95000	60		mg/Kg-dry	10	8/11/2017
Chromium	17	1.0		mg/Kg-dry	10	8/11/2017
Cobalt	15	1.0		mg/Kg-dry	10	8/11/2017
Copper	25	2.5		mg/Kg-dry	10	8/11/2017
Iron	30000	30		mg/Kg-dry	10	8/11/2017
Lead	15	0.50		mg/Kg-dry	10	8/11/2017
Magnesium	54000	30		mg/Kg-dry	10	8/11/2017
Manganese	1600	1.0		mg/Kg-dry	10	8/11/2017
Nickel	30	1.0		mg/Kg-dry	10	8/11/2017
Potassium	1500	30		mg/Kg-dry	10	8/11/2017
Selenium	ND	1.0		mg/Kg-dry	10	8/11/2017
Silver	ND	1.0		mg/Kg-dry	10	8/11/2017
Sodium	1200	60		mg/Kg-dry	10	8/11/2017
Thallium	ND	1.0		mg/Kg-dry	10	8/11/2017
Vanadium	28	1.0		mg/Kg-dry	10	8/11/2017
Zinc	67	5.0		mg/Kg-dry	10	8/11/2017

SPLP Metals by ICP/MS

SW1312/6020 (SW3005A)

Prep Date: 8/10/2017

Analyst: JG

Arsenic	0.0049	0.0040		mg/L	2	8/11/2017
Barium	ND	0.020		mg/L	2	8/11/2017
Beryllium	ND	0.0020		mg/L	2	8/11/2017
Cadmium	ND	0.0020		mg/L	2	8/11/2017
Chromium	0.0072	0.0040		mg/L	2	8/11/2017
Cobalt	ND	0.0040		mg/L	2	8/11/2017
Copper	ND	0.040		mg/L	2	8/11/2017
Iron	8.1	0.10		mg/L	2	8/11/2017
Lead	0.0046	0.0020		mg/L	2	8/11/2017
Manganese	0.094	0.0040		mg/L	2	8/11/2017
Nickel	0.0073	0.0040		mg/L	2	8/11/2017
Selenium	ND	0.0040		mg/L	2	8/11/2017
Silver	ND	0.0040		mg/L	2	8/11/2017
Zinc	0.031	0.020		mg/L	2	8/11/2017

TCLP Metals by ICP/MS

SW1311/6020 (SW3005A)

Prep Date: 8/10/2017

Analyst: JG

Arsenic	ND	0.010		mg/L	5	8/10/2017
Barium	0.53	0.050		mg/L	5	8/10/2017
Beryllium	ND	0.0050		mg/L	5	8/11/2017
Cadmium	ND	0.0050		mg/L	5	8/10/2017

Qualifiers:

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Report Date: August 17, 2017

Print Date: August 17, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-13-01 (0-5)

Work Order: 17080266 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 8/8/2017 11:07:00 AM

Lab ID: 17080266-001B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
TCLP Metals by ICP/MS	SW1311/6020 (SW3005A)					Prep Date: 8/10/2017 Analyst: JG
Chromium	ND	0.010		mg/L	5	8/10/2017
Cobalt	ND	0.010		mg/L	5	8/10/2017
Copper	ND	0.10		mg/L	5	8/10/2017
Iron	ND	0.25		mg/L	5	8/10/2017
Lead	ND	0.0050		mg/L	5	8/10/2017
Manganese	0.75	0.010		mg/L	5	8/10/2017
Nickel	ND	0.010		mg/L	5	8/10/2017
Selenium	ND	0.010		mg/L	5	8/10/2017
Silver	ND	0.010		mg/L	5	8/10/2017
Zinc	ND	0.050		mg/L	5	8/10/2017
TCLP Mercury	SW1311/7470A					Prep Date: 8/10/2017 Analyst: LB
Mercury	ND	0.00020		mg/L	1	8/10/2017
SPLP Mercury	SW1312/7470A					Prep Date: 8/10/2017 Analyst: LB
Mercury	ND	0.00025		mg/L	1	8/11/2017
Mercury	SW7471A					Prep Date: 8/10/2017 Analyst: LB
Mercury	0.024	0.019		mg/Kg-dry	1	8/11/2017
pH (25 °C)	SW9045C					Prep Date: 8/9/2017 Analyst: PBG
pH	8.54			pH Units	1	8/9/2017
Percent Moisture	D2974					Prep Date: 8/9/2017 Analyst: KKA
Percent Moisture	15.8	0.2	*	wt%	1	8/10/2017

Qualifiers:

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Report Date: August 17, 2017

Print Date: August 17, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-13-01 (5-9)

Work Order: 17080266 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 8/8/2017 11:10:00 AM

Lab ID: 17080266-002A

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS		SW5035/8260B			Prep Date: 8/8/2017	Analyst: ERP
Acetone	ND	0.069		mg/Kg-dry	1	8/14/2017
Benzene	ND	0.0046		mg/Kg-dry	1	8/14/2017
Bromodichloromethane	ND	0.0046		mg/Kg-dry	1	8/14/2017
Bromoform	ND	0.0046		mg/Kg-dry	1	8/14/2017
Bromomethane	ND	0.0092		mg/Kg-dry	1	8/14/2017
2-Butanone	ND	0.069		mg/Kg-dry	1	8/14/2017
Carbon disulfide	ND	0.046		mg/Kg-dry	1	8/14/2017
Carbon tetrachloride	ND	0.0046		mg/Kg-dry	1	8/14/2017
Chlorobenzene	ND	0.0046		mg/Kg-dry	1	8/14/2017
Chloroethane	ND	0.0092		mg/Kg-dry	1	8/14/2017
Chloroform	ND	0.0046		mg/Kg-dry	1	8/14/2017
Chloromethane	ND	0.0092		mg/Kg-dry	1	8/14/2017
Dibromochloromethane	ND	0.0046		mg/Kg-dry	1	8/14/2017
1,1-Dichloroethane	ND	0.0046		mg/Kg-dry	1	8/14/2017
1,2-Dichloroethane	ND	0.0046		mg/Kg-dry	1	8/14/2017
1,1-Dichloroethene	ND	0.0046		mg/Kg-dry	1	8/14/2017
cis-1,2-Dichloroethene	ND	0.0046		mg/Kg-dry	1	8/14/2017
trans-1,2-Dichloroethene	ND	0.0046		mg/Kg-dry	1	8/14/2017
1,2-Dichloropropane	ND	0.0046		mg/Kg-dry	1	8/14/2017
cis-1,3-Dichloropropene	ND	0.0018		mg/Kg-dry	1	8/14/2017
trans-1,3-Dichloropropene	ND	0.0018		mg/Kg-dry	1	8/14/2017
Ethylbenzene	ND	0.0046		mg/Kg-dry	1	8/14/2017
2-Hexanone	ND	0.018		mg/Kg-dry	1	8/14/2017
4-Methyl-2-pentanone	ND	0.018		mg/Kg-dry	1	8/14/2017
Methylene chloride	ND	0.0092		mg/Kg-dry	1	8/14/2017
Methyl tert-butyl ether	ND	0.0046		mg/Kg-dry	1	8/14/2017
Styrene	ND	0.0046		mg/Kg-dry	1	8/14/2017
1,1,2,2-Tetrachloroethane	ND	0.0046		mg/Kg-dry	1	8/14/2017
Tetrachloroethene	ND	0.0046		mg/Kg-dry	1	8/14/2017
Toluene	ND	0.0046		mg/Kg-dry	1	8/14/2017
1,1,1-Trichloroethane	ND	0.0046		mg/Kg-dry	1	8/14/2017
1,1,2-Trichloroethane	ND	0.0046		mg/Kg-dry	1	8/14/2017
Trichloroethene	ND	0.0046		mg/Kg-dry	1	8/14/2017
Vinyl chloride	ND	0.0046		mg/Kg-dry	1	8/14/2017
Xylenes, Total	ND	0.014		mg/Kg-dry	1	8/14/2017

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Report Date: August 17, 2017

Print Date: August 17, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-13-01 (5-9)

Work Order: 17080266 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 8/8/2017 11:10:00 AM

Lab ID: 17080266-002B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed

Semivolatile Organic Compounds by GC/MS	SW8270C (SW3550B)				Prep Date: 8/9/2017	Analyst: DM

Acenaphthene	ND	0.039		mg/Kg-dry	1	8/11/2017
Acenaphthylene	ND	0.039		mg/Kg-dry	1	8/11/2017
Aniline	ND	0.39		mg/Kg-dry	1	8/11/2017
Anthracene	ND	0.039		mg/Kg-dry	1	8/11/2017
Benz(a)anthracene	ND	0.039		mg/Kg-dry	1	8/11/2017
Benzidine	ND	0.39		mg/Kg-dry	1	8/11/2017
Benzo(a)pyrene	ND	0.039		mg/Kg-dry	1	8/11/2017
Benzo(b)fluoranthene	ND	0.039		mg/Kg-dry	1	8/11/2017
Benzo(g,h,i)perylene	ND	0.039		mg/Kg-dry	1	8/11/2017
Benzo(k)fluoranthene	ND	0.039		mg/Kg-dry	1	8/11/2017
Benzoic acid	ND	0.98		mg/Kg-dry	1	8/11/2017
Benzyl alcohol	ND	0.20		mg/Kg-dry	1	8/11/2017
Bis(2-chloroethoxy)methane	ND	0.20		mg/Kg-dry	1	8/11/2017
Bis(2-chloroethyl)ether	ND	0.20		mg/Kg-dry	1	8/11/2017
Bis(2-ethylhexyl)phthalate	ND	0.98		mg/Kg-dry	1	8/11/2017
4-Bromophenyl phenyl ether	ND	0.20		mg/Kg-dry	1	8/11/2017
Butyl benzyl phthalate	ND	0.20		mg/Kg-dry	1	8/11/2017
Carbazole	ND	0.20		mg/Kg-dry	1	8/11/2017
4-Chloroaniline	ND	0.20		mg/Kg-dry	1	8/11/2017
4-Chloro-3-methylphenol	ND	0.39		mg/Kg-dry	1	8/11/2017
2-Chloronaphthalene	ND	0.20		mg/Kg-dry	1	8/11/2017
2-Chlorophenol	ND	0.20		mg/Kg-dry	1	8/11/2017
4-Chlorophenyl phenyl ether	ND	0.20		mg/Kg-dry	1	8/11/2017
Chrysene	ND	0.039		mg/Kg-dry	1	8/11/2017
Dibenz(a,h)anthracene	ND	0.039		mg/Kg-dry	1	8/11/2017
Dibenzofuran	ND	0.20		mg/Kg-dry	1	8/11/2017
1,2-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	8/11/2017
1,3-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	8/11/2017
1,4-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	8/11/2017
3,3'-Dichlorobenzidine	ND	0.20		mg/Kg-dry	1	8/11/2017
2,4-Dichlorophenol	ND	0.20		mg/Kg-dry	1	8/11/2017
Diethyl phthalate	ND	0.20		mg/Kg-dry	1	8/11/2017
2,4-Dimethylphenol	ND	0.20		mg/Kg-dry	1	8/11/2017
Dimethyl phthalate	ND	0.20		mg/Kg-dry	1	8/11/2017
4,6-Dinitro-2-methylphenol	ND	0.39		mg/Kg-dry	1	8/11/2017
2,4-Dinitrophenol	ND	0.98		mg/Kg-dry	1	8/11/2017
2,4-Dinitrotoluene	ND	0.039		mg/Kg-dry	1	8/11/2017
2,6-Dinitrotoluene	ND	0.039		mg/Kg-dry	1	8/11/2017

Qualifiers:

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

Report Date: August 17, 2017

Print Date: August 17, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-13-01 (5-9)

Work Order: 17080266 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL

Collection Date: 8/8/2017 11:10:00 AM

Lab ID: 17080266-002B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed

Semivolatile Organic Compounds by GC/MS SW8270C (SW3550B) Prep Date: 8/9/2017 Analyst: DM

Di-n-butyl phthalate	ND	0.20		mg/Kg-dry	1	8/11/2017
Di-n-octyl phthalate	ND	0.20		mg/Kg-dry	1	8/11/2017
Fluoranthene	ND	0.039		mg/Kg-dry	1	8/11/2017
Fluorene	ND	0.039		mg/Kg-dry	1	8/11/2017
Hexachlorobenzene	ND	0.20		mg/Kg-dry	1	8/11/2017
Hexachlorobutadiene	ND	0.20		mg/Kg-dry	1	8/11/2017
Hexachlorocyclopentadiene	ND	0.20		mg/Kg-dry	1	8/11/2017
Hexachloroethane	ND	0.20		mg/Kg-dry	1	8/11/2017
Indeno(1,2,3-cd)pyrene	ND	0.039		mg/Kg-dry	1	8/11/2017
Isophorone	ND	0.20		mg/Kg-dry	1	8/11/2017
2-Methylnaphthalene	ND	0.20		mg/Kg-dry	1	8/11/2017
2-Methylphenol	ND	0.20		mg/Kg-dry	1	8/11/2017
4-Methylphenol	ND	0.20		mg/Kg-dry	1	8/11/2017
Naphthalene	ND	0.039		mg/Kg-dry	1	8/11/2017
2-Nitroaniline	ND	0.20		mg/Kg-dry	1	8/11/2017
3-Nitroaniline	ND	0.20		mg/Kg-dry	1	8/11/2017
4-Nitroaniline	ND	0.20		mg/Kg-dry	1	8/11/2017
2-Nitrophenol	ND	0.20		mg/Kg-dry	1	8/11/2017
4-Nitrophenol	ND	0.39		mg/Kg-dry	1	8/11/2017
Nitrobenzene	ND	0.039		mg/Kg-dry	1	8/11/2017
N-Nitrosodi-n-propylamine	ND	0.039		mg/Kg-dry	1	8/11/2017
N-Nitrosodimethylamine	ND	0.20		mg/Kg-dry	1	8/11/2017
N-Nitrosodiphenylamine	ND	0.20		mg/Kg-dry	1	8/11/2017
2, 2'-oxybis(1-Chloropropane)	ND	0.20		mg/Kg-dry	1	8/11/2017
Pentachlorophenol	ND	0.079		mg/Kg-dry	1	8/11/2017
Phenanthrene	ND	0.039		mg/Kg-dry	1	8/11/2017
Phenol	ND	0.20		mg/Kg-dry	1	8/11/2017
Pyrene	ND	0.039		mg/Kg-dry	1	8/11/2017
Pyridine	ND	0.79		mg/Kg-dry	1	8/11/2017
1,2,4-Trichlorobenzene	ND	0.20		mg/Kg-dry	1	8/11/2017
2,4,5-Trichlorophenol	ND	0.20		mg/Kg-dry	1	8/11/2017
2,4,6-Trichlorophenol	ND	0.20		mg/Kg-dry	1	8/11/2017

Metals by ICP/MS SW6020 (SW3050B) Prep Date: 8/9/2017 Analyst: JG

Aluminum	10000	21		mg/Kg-dry	10	8/11/2017
Antimony	ND	2.1		mg/Kg-dry	10	8/11/2017
Arsenic	7.9	1.0		mg/Kg-dry	10	8/11/2017
Barium	52	1.0		mg/Kg-dry	10	8/11/2017
Beryllium	0.67	0.52		mg/Kg-dry	10	8/11/2017

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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* - Non-accredited parameter

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S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

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Report Date: August 17, 2017

Print Date: August 17, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-13-01 (5-9)

Work Order: 17080266 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 8/8/2017 11:10:00 AM

Lab ID: 17080266-002B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed

Metals by ICP/MS

SW6020 (SW3050B)

Prep Date: 8/9/2017

Analyst: JG

Cadmium	ND	0.52		mg/Kg-dry	10	8/11/2017
Calcium	89000	62		mg/Kg-dry	10	8/11/2017
Chromium	20	1.0		mg/Kg-dry	10	8/11/2017
Cobalt	10	1.0		mg/Kg-dry	10	8/11/2017
Copper	35	2.6		mg/Kg-dry	10	8/11/2017
Iron	25000	31		mg/Kg-dry	10	8/11/2017
Lead	20	0.52		mg/Kg-dry	10	8/11/2017
Magnesium	47000	31		mg/Kg-dry	10	8/11/2017
Manganese	630	1.0		mg/Kg-dry	10	8/11/2017
Nickel	28	1.0		mg/Kg-dry	10	8/11/2017
Potassium	2000	31		mg/Kg-dry	10	8/11/2017
Selenium	ND	1.0		mg/Kg-dry	10	8/11/2017
Silver	ND	1.0		mg/Kg-dry	10	8/11/2017
Sodium	870	62		mg/Kg-dry	10	8/11/2017
Thallium	ND	1.0		mg/Kg-dry	10	8/11/2017
Vanadium	25	1.0		mg/Kg-dry	10	8/11/2017
Zinc	75	5.2		mg/Kg-dry	10	8/11/2017

SPLP Metals by ICP/MS

SW1312/6020 (SW3005A)

Prep Date: 8/10/2017

Analyst: JG

Arsenic	ND	0.0040		mg/L	2	8/11/2017
Barium	0.024	0.020		mg/L	2	8/11/2017
Beryllium	ND	0.0020		mg/L	2	8/11/2017
Cadmium	ND	0.0020		mg/L	2	8/11/2017
Chromium	0.0092	0.0040		mg/L	2	8/11/2017
Cobalt	ND	0.0040		mg/L	2	8/11/2017
Copper	ND	0.040		mg/L	2	8/11/2017
Iron	8.4	0.10		mg/L	2	8/11/2017
Lead	0.0042	0.0020		mg/L	2	8/11/2017
Manganese	0.047	0.0040		mg/L	2	8/11/2017
Nickel	0.010	0.0040		mg/L	2	8/11/2017
Selenium	ND	0.0040		mg/L	2	8/11/2017
Silver	ND	0.0040		mg/L	2	8/11/2017
Zinc	0.033	0.020		mg/L	2	8/11/2017

TCLP Metals by ICP/MS

SW1311/6020 (SW3005A)

Prep Date: 8/10/2017

Analyst: JG

Arsenic	ND	0.010		mg/L	5	8/11/2017
Barium	0.38	0.050		mg/L	5	8/11/2017
Beryllium	ND	0.0050		mg/L	5	8/11/2017
Cadmium	0.0062	0.0050		mg/L	5	8/11/2017

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

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Report Date: August 17, 2017

Print Date: August 17, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-13-01 (5-9)

Work Order: 17080266 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 8/8/2017 11:10:00 AM

Lab ID: 17080266-002B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
TCLP Metals by ICP/MS	SW1311/6020 (SW3005A)					Prep Date: 8/10/2017 Analyst: JG
Chromium	ND	0.010		mg/L	5	8/11/2017
Cobalt	0.054	0.010		mg/L	5	8/11/2017
Copper	ND	0.10		mg/L	5	8/11/2017
Iron	ND	0.25		mg/L	5	8/11/2017
Lead	ND	0.0050		mg/L	5	8/11/2017
Manganese	6.2	0.010		mg/L	5	8/11/2017
Nickel	0.057	0.010		mg/L	5	8/11/2017
Selenium	ND	0.010		mg/L	5	8/11/2017
Silver	ND	0.010		mg/L	5	8/11/2017
Zinc	ND	0.050		mg/L	5	8/11/2017
TCLP Mercury	SW1311/7470A					Prep Date: 8/10/2017 Analyst: LB
Mercury	ND	0.00020		mg/L	1	8/10/2017
SPLP Mercury	SW1312/7470A					Prep Date: 8/10/2017 Analyst: LB
Mercury	ND	0.00025		mg/L	1	8/11/2017
Mercury	SW7471A					Prep Date: 8/10/2017 Analyst: LB
Mercury	0.023	0.022		mg/Kg-dry	1	8/11/2017
pH (25 °C)	SW9045C					Prep Date: 8/9/2017 Analyst: PBG
pH	8.08			pH Units	1	8/9/2017
Percent Moisture	D2974					Prep Date: 8/9/2017 Analyst: KKA
Percent Moisture	16.4	0.2	*	wt%	1	8/10/2017

Qualifiers:

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E - Value above quantitation range

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Report Date: August 17, 2017

Print Date: August 17, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-13-02 (0-5)

Work Order: 17080266 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL

Collection Date: 8/8/2017 11:02:00 AM

Lab ID: 17080266-003A

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS		SW5035/8260B		Prep Date: 8/8/2017		Analyst: ERP
Acetone	ND	0.079		mg/Kg-dry	1	8/14/2017
Benzene	ND	0.0053		mg/Kg-dry	1	8/14/2017
Bromodichloromethane	ND	0.0053		mg/Kg-dry	1	8/14/2017
Bromoform	ND	0.0053		mg/Kg-dry	1	8/14/2017
Bromomethane	ND	0.011		mg/Kg-dry	1	8/14/2017
2-Butanone	ND	0.079		mg/Kg-dry	1	8/14/2017
Carbon disulfide	ND	0.053		mg/Kg-dry	1	8/14/2017
Carbon tetrachloride	ND	0.0053		mg/Kg-dry	1	8/14/2017
Chlorobenzene	ND	0.0053		mg/Kg-dry	1	8/14/2017
Chloroethane	ND	0.011		mg/Kg-dry	1	8/14/2017
Chloroform	ND	0.0053		mg/Kg-dry	1	8/14/2017
Chloromethane	ND	0.011		mg/Kg-dry	1	8/14/2017
Dibromochloromethane	ND	0.0053		mg/Kg-dry	1	8/14/2017
1,1-Dichloroethane	ND	0.0053		mg/Kg-dry	1	8/14/2017
1,2-Dichloroethane	ND	0.0053		mg/Kg-dry	1	8/14/2017
1,1-Dichloroethene	ND	0.0053		mg/Kg-dry	1	8/14/2017
cis-1,2-Dichloroethene	ND	0.0053		mg/Kg-dry	1	8/14/2017
trans-1,2-Dichloroethene	ND	0.0053		mg/Kg-dry	1	8/14/2017
1,2-Dichloropropane	ND	0.0053		mg/Kg-dry	1	8/14/2017
cis-1,3-Dichloropropene	ND	0.0021		mg/Kg-dry	1	8/14/2017
trans-1,3-Dichloropropene	ND	0.0021		mg/Kg-dry	1	8/14/2017
Ethylbenzene	ND	0.0053		mg/Kg-dry	1	8/14/2017
2-Hexanone	ND	0.021		mg/Kg-dry	1	8/14/2017
4-Methyl-2-pentanone	ND	0.021		mg/Kg-dry	1	8/14/2017
Methylene chloride	ND	0.011		mg/Kg-dry	1	8/14/2017
Methyl tert-butyl ether	ND	0.0053		mg/Kg-dry	1	8/14/2017
Styrene	ND	0.0053		mg/Kg-dry	1	8/14/2017
1,1,2,2-Tetrachloroethane	ND	0.0053		mg/Kg-dry	1	8/14/2017
Tetrachloroethene	ND	0.0053		mg/Kg-dry	1	8/14/2017
Toluene	ND	0.0053		mg/Kg-dry	1	8/14/2017
1,1,1-Trichloroethane	ND	0.0053		mg/Kg-dry	1	8/14/2017
1,1,2-Trichloroethane	ND	0.0053		mg/Kg-dry	1	8/14/2017
Trichloroethene	ND	0.0053		mg/Kg-dry	1	8/14/2017
Vinyl chloride	ND	0.0053		mg/Kg-dry	1	8/14/2017
Xylenes, Total	ND	0.016		mg/Kg-dry	1	8/14/2017

Qualifiers:

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Report Date: August 17, 2017

Print Date: August 17, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-13-02 (0-5)

Work Order: 17080266 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 8/8/2017 11:02:00 AM

Lab ID: 17080266-003B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed

Semivolatile Organic Compounds by GC/MS	SW8270C (SW3550B)				Prep Date: 8/9/2017	Analyst: DM

Acenaphthene	ND	0.040		mg/Kg-dry	1	8/11/2017
Acenaphthylene	ND	0.040		mg/Kg-dry	1	8/11/2017
Aniline	ND	0.40		mg/Kg-dry	1	8/11/2017
Anthracene	ND	0.040		mg/Kg-dry	1	8/11/2017
Benz(a)anthracene	ND	0.040		mg/Kg-dry	1	8/11/2017
Benzidine	ND	0.40		mg/Kg-dry	1	8/11/2017
Benzo(a)pyrene	ND	0.040		mg/Kg-dry	1	8/11/2017
Benzo(b)fluoranthene	ND	0.040		mg/Kg-dry	1	8/11/2017
Benzo(g,h,i)perylene	ND	0.040		mg/Kg-dry	1	8/11/2017
Benzo(k)fluoranthene	ND	0.040		mg/Kg-dry	1	8/11/2017
Benzoic acid	ND	1.0		mg/Kg-dry	1	8/11/2017
Benzyl alcohol	ND	0.21		mg/Kg-dry	1	8/11/2017
Bis(2-chloroethoxy)methane	ND	0.21		mg/Kg-dry	1	8/11/2017
Bis(2-chloroethyl)ether	ND	0.21		mg/Kg-dry	1	8/11/2017
Bis(2-ethylhexyl)phthalate	ND	1.0		mg/Kg-dry	1	8/11/2017
4-Bromophenyl phenyl ether	ND	0.21		mg/Kg-dry	1	8/11/2017
Butyl benzyl phthalate	ND	0.21		mg/Kg-dry	1	8/11/2017
Carbazole	ND	0.21		mg/Kg-dry	1	8/11/2017
4-Chloroaniline	ND	0.21		mg/Kg-dry	1	8/11/2017
4-Chloro-3-methylphenol	ND	0.40		mg/Kg-dry	1	8/11/2017
2-Chloronaphthalene	ND	0.21		mg/Kg-dry	1	8/11/2017
2-Chlorophenol	ND	0.21		mg/Kg-dry	1	8/11/2017
4-Chlorophenyl phenyl ether	ND	0.21		mg/Kg-dry	1	8/11/2017
Chrysene	ND	0.040		mg/Kg-dry	1	8/11/2017
Dibenz(a,h)anthracene	ND	0.040		mg/Kg-dry	1	8/11/2017
Dibenzofuran	ND	0.21		mg/Kg-dry	1	8/11/2017
1,2-Dichlorobenzene	ND	0.21		mg/Kg-dry	1	8/11/2017
1,3-Dichlorobenzene	ND	0.21		mg/Kg-dry	1	8/11/2017
1,4-Dichlorobenzene	ND	0.21		mg/Kg-dry	1	8/11/2017
3,3'-Dichlorobenzidine	ND	0.21		mg/Kg-dry	1	8/11/2017
2,4-Dichlorophenol	ND	0.21		mg/Kg-dry	1	8/11/2017
Diethyl phthalate	ND	0.21		mg/Kg-dry	1	8/11/2017
2,4-Dimethylphenol	ND	0.21		mg/Kg-dry	1	8/11/2017
Dimethyl phthalate	ND	0.21		mg/Kg-dry	1	8/11/2017
4,6-Dinitro-2-methylphenol	ND	0.40		mg/Kg-dry	1	8/11/2017
2,4-Dinitrophenol	ND	1.0		mg/Kg-dry	1	8/11/2017
2,4-Dinitrotoluene	ND	0.040		mg/Kg-dry	1	8/11/2017
2,6-Dinitrotoluene	ND	0.040		mg/Kg-dry	1	8/11/2017

Qualifiers:

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Report Date: August 17, 2017

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ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-13-02 (0-5)

Work Order: 17080266 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL

Collection Date: 8/8/2017 11:02:00 AM

Lab ID: 17080266-003B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed

Semivolatile Organic Compounds by GC/MS SW8270C (SW3550B) Prep Date: 8/9/2017 Analyst: DM

Di-n-butyl phthalate	ND	0.21		mg/Kg-dry	1	8/11/2017
Di-n-octyl phthalate	ND	0.21		mg/Kg-dry	1	8/11/2017
Fluoranthene	ND	0.040		mg/Kg-dry	1	8/11/2017
Fluorene	ND	0.040		mg/Kg-dry	1	8/11/2017
Hexachlorobenzene	ND	0.21		mg/Kg-dry	1	8/11/2017
Hexachlorobutadiene	ND	0.21		mg/Kg-dry	1	8/11/2017
Hexachlorocyclopentadiene	ND	0.21		mg/Kg-dry	1	8/11/2017
Hexachloroethane	ND	0.21		mg/Kg-dry	1	8/11/2017
Indeno(1,2,3-cd)pyrene	ND	0.040		mg/Kg-dry	1	8/11/2017
Isophorone	ND	0.21		mg/Kg-dry	1	8/11/2017
2-Methylnaphthalene	ND	0.21		mg/Kg-dry	1	8/11/2017
2-Methylphenol	ND	0.21		mg/Kg-dry	1	8/11/2017
4-Methylphenol	ND	0.21		mg/Kg-dry	1	8/11/2017
Naphthalene	ND	0.040		mg/Kg-dry	1	8/11/2017
2-Nitroaniline	ND	0.21		mg/Kg-dry	1	8/11/2017
3-Nitroaniline	ND	0.21		mg/Kg-dry	1	8/11/2017
4-Nitroaniline	ND	0.21		mg/Kg-dry	1	8/11/2017
2-Nitrophenol	ND	0.21		mg/Kg-dry	1	8/11/2017
4-Nitrophenol	ND	0.40		mg/Kg-dry	1	8/11/2017
Nitrobenzene	ND	0.040		mg/Kg-dry	1	8/11/2017
N-Nitrosodi-n-propylamine	ND	0.040		mg/Kg-dry	1	8/11/2017
N-Nitrosodimethylamine	ND	0.21		mg/Kg-dry	1	8/11/2017
N-Nitrosodiphenylamine	ND	0.21		mg/Kg-dry	1	8/11/2017
2, 2'-oxybis(1-Chloropropane)	ND	0.21		mg/Kg-dry	1	8/11/2017
Pentachlorophenol	ND	0.081		mg/Kg-dry	1	8/11/2017
Phenanthrene	ND	0.040		mg/Kg-dry	1	8/11/2017
Phenol	ND	0.21		mg/Kg-dry	1	8/11/2017
Pyrene	ND	0.040		mg/Kg-dry	1	8/11/2017
Pyridine	ND	0.81		mg/Kg-dry	1	8/11/2017
1,2,4-Trichlorobenzene	ND	0.21		mg/Kg-dry	1	8/11/2017
2,4,5-Trichlorophenol	ND	0.21		mg/Kg-dry	1	8/11/2017
2,4,6-Trichlorophenol	ND	0.21		mg/Kg-dry	1	8/11/2017

Metals by ICP/MS SW6020 (SW3050B) Prep Date: 8/9/2017 Analyst: JG

Aluminum	14000	22		mg/Kg-dry	10	8/11/2017
Antimony	ND	2.2		mg/Kg-dry	10	8/11/2017
Arsenic	6.2	1.1		mg/Kg-dry	10	8/11/2017
Barium	140	1.1		mg/Kg-dry	10	8/11/2017
Beryllium	0.86	0.55		mg/Kg-dry	10	8/11/2017

Qualifiers:

ND - Not Detected at the Reporting Limit

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B - Analyte detected in the associated Method Blank

HT - Sample received past holding time

* - Non-accredited parameter

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E - Value above quantitation range

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

Report Date: August 17, 2017

Print Date: August 17, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-13-02 (0-5)

Work Order: 17080266 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 8/8/2017 11:02:00 AM

Lab ID: 17080266-003B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed

Metals by ICP/MS

SW6020 (SW3050B)

Prep Date: 8/9/2017

Analyst: JG

Cadmium	ND	0.55		mg/Kg-dry	10	8/11/2017
Calcium	3800	66		mg/Kg-dry	10	8/11/2017
Chromium	20	1.1		mg/Kg-dry	10	8/11/2017
Cobalt	11	1.1		mg/Kg-dry	10	8/11/2017
Copper	20	2.7		mg/Kg-dry	10	8/11/2017
Iron	19000	33		mg/Kg-dry	10	8/11/2017
Lead	20	0.55		mg/Kg-dry	10	8/11/2017
Magnesium	3700	33		mg/Kg-dry	10	8/11/2017
Manganese	390	1.1		mg/Kg-dry	10	8/11/2017
Nickel	23	1.1		mg/Kg-dry	10	8/11/2017
Potassium	1100	33		mg/Kg-dry	10	8/11/2017
Selenium	ND	1.1		mg/Kg-dry	10	8/11/2017
Silver	ND	1.1		mg/Kg-dry	10	8/11/2017
Sodium	1500	66		mg/Kg-dry	10	8/11/2017
Thallium	ND	1.1		mg/Kg-dry	10	8/11/2017
Vanadium	33	1.1		mg/Kg-dry	10	8/11/2017
Zinc	67	5.5		mg/Kg-dry	10	8/11/2017

SPLP Metals by ICP/MS

SW1312/6020 (SW3005A)

Prep Date: 8/10/2017

Analyst: JG

Arsenic	0.0099	0.0040		mg/L	2	8/11/2017
Barium	0.036	0.020		mg/L	2	8/11/2017
Beryllium	ND	0.0020		mg/L	2	8/11/2017
Cadmium	ND	0.0020		mg/L	2	8/11/2017
Chromium	0.010	0.0040		mg/L	2	8/11/2017
Cobalt	0.0045	0.0040		mg/L	2	8/11/2017
Copper	ND	0.040		mg/L	2	8/11/2017
Iron	9.4	0.10		mg/L	2	8/11/2017
Lead	0.0071	0.0020		mg/L	2	8/11/2017
Manganese	0.082	0.0040		mg/L	2	8/11/2017
Nickel	0.012	0.0040		mg/L	2	8/11/2017
Selenium	ND	0.0040		mg/L	2	8/11/2017
Silver	ND	0.0040		mg/L	2	8/11/2017
Zinc	0.026	0.020		mg/L	2	8/11/2017

TCLP Metals by ICP/MS

SW1311/6020 (SW3005A)

Prep Date: 8/10/2017

Analyst: JG

Arsenic	ND	0.010		mg/L	5	8/10/2017
Barium	0.48	0.050		mg/L	5	8/10/2017
Beryllium	ND	0.0050		mg/L	5	8/11/2017
Cadmium	ND	0.0050		mg/L	5	8/10/2017

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

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HT - Sample received past holding time

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R - RPD outside accepted recovery limits

E - Value above quantitation range

H - Holding time exceeded

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

Report Date: August 17, 2017

Print Date: August 17, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-13-02 (0-5)

Work Order: 17080266 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 8/8/2017 11:02:00 AM

Lab ID: 17080266-003B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
TCLP Metals by ICP/MS	SW1311/6020 (SW3005A)		Prep Date: 8/10/2017		Analyst: JG	
Chromium	ND	0.010		mg/L	5	8/10/2017
Cobalt	0.075	0.010		mg/L	5	8/10/2017
Copper	ND	0.10		mg/L	5	8/10/2017
Iron	0.33	0.25		mg/L	5	8/10/2017
Lead	0.0083	0.0050		mg/L	5	8/10/2017
Manganese	10	0.010		mg/L	5	8/10/2017
Nickel	0.035	0.010		mg/L	5	8/10/2017
Selenium	ND	0.010		mg/L	5	8/10/2017
Silver	ND	0.010		mg/L	5	8/10/2017
Zinc	ND	0.050		mg/L	5	8/10/2017
TCLP Mercury	SW1311/7470A		Prep Date: 8/10/2017		Analyst: LB	
Mercury	ND	0.00020		mg/L	1	8/10/2017
SPLP Mercury	SW1312/7470A		Prep Date: 8/10/2017		Analyst: LB	
Mercury	ND	0.00025		mg/L	1	8/11/2017
Mercury	SW7471A		Prep Date: 8/10/2017		Analyst: LB	
Mercury	0.035	0.023		mg/Kg-dry	1	8/11/2017
pH (25 °C)	SW9045C		Prep Date: 8/9/2017		Analyst: PBG	
pH	7.57			pH Units	1	8/9/2017
Percent Moisture	D2974		Prep Date: 8/9/2017		Analyst: KKA	
Percent Moisture	19.4	0.2	*	wt%	1	8/10/2017

Qualifiers:

ND - Not Detected at the Reporting Limit

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Report Date: August 17, 2017

Print Date: August 17, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-13-02 (5-9)

Work Order: 17080266 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL

Collection Date: 8/8/2017 11:05:00 AM

Lab ID: 17080266-004A

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS		SW5035/8260B		Prep Date: 8/8/2017		Analyst: ERP
Acetone	ND	0.080		mg/Kg-dry	1	8/14/2017
Benzene	ND	0.0053		mg/Kg-dry	1	8/14/2017
Bromodichloromethane	ND	0.0053		mg/Kg-dry	1	8/14/2017
Bromoform	ND	0.0053		mg/Kg-dry	1	8/14/2017
Bromomethane	ND	0.011		mg/Kg-dry	1	8/14/2017
2-Butanone	ND	0.080		mg/Kg-dry	1	8/14/2017
Carbon disulfide	ND	0.053		mg/Kg-dry	1	8/14/2017
Carbon tetrachloride	ND	0.0053		mg/Kg-dry	1	8/14/2017
Chlorobenzene	ND	0.0053		mg/Kg-dry	1	8/14/2017
Chloroethane	ND	0.011		mg/Kg-dry	1	8/14/2017
Chloroform	ND	0.0053		mg/Kg-dry	1	8/14/2017
Chloromethane	ND	0.011		mg/Kg-dry	1	8/14/2017
Dibromochloromethane	ND	0.0053		mg/Kg-dry	1	8/14/2017
1,1-Dichloroethane	ND	0.0053		mg/Kg-dry	1	8/14/2017
1,2-Dichloroethane	ND	0.0053		mg/Kg-dry	1	8/14/2017
1,1-Dichloroethene	ND	0.0053		mg/Kg-dry	1	8/14/2017
cis-1,2-Dichloroethene	ND	0.0053		mg/Kg-dry	1	8/14/2017
trans-1,2-Dichloroethene	ND	0.0053		mg/Kg-dry	1	8/14/2017
1,2-Dichloropropane	ND	0.0053		mg/Kg-dry	1	8/14/2017
cis-1,3-Dichloropropene	ND	0.0021		mg/Kg-dry	1	8/14/2017
trans-1,3-Dichloropropene	ND	0.0021		mg/Kg-dry	1	8/14/2017
Ethylbenzene	ND	0.0053		mg/Kg-dry	1	8/14/2017
2-Hexanone	ND	0.021		mg/Kg-dry	1	8/14/2017
4-Methyl-2-pentanone	ND	0.021		mg/Kg-dry	1	8/14/2017
Methylene chloride	ND	0.011		mg/Kg-dry	1	8/14/2017
Methyl tert-butyl ether	ND	0.0053		mg/Kg-dry	1	8/14/2017
Styrene	ND	0.0053		mg/Kg-dry	1	8/14/2017
1,1,2,2-Tetrachloroethane	ND	0.0053		mg/Kg-dry	1	8/14/2017
Tetrachloroethene	ND	0.0053		mg/Kg-dry	1	8/14/2017
Toluene	ND	0.0053		mg/Kg-dry	1	8/14/2017
1,1,1-Trichloroethane	ND	0.0053		mg/Kg-dry	1	8/14/2017
1,1,2-Trichloroethane	ND	0.0053		mg/Kg-dry	1	8/14/2017
Trichloroethene	ND	0.0053		mg/Kg-dry	1	8/14/2017
Vinyl chloride	ND	0.0053		mg/Kg-dry	1	8/14/2017
Xylenes, Total	ND	0.016		mg/Kg-dry	1	8/14/2017

Qualifiers:

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Report Date: August 17, 2017

Print Date: August 17, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-13-02 (5-9)

Work Order: 17080266 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL

Collection Date: 8/8/2017 11:05:00 AM

Lab ID: 17080266-004B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed

Semivolatile Organic Compounds by GC/MS	SW8270C (SW3550B)				Prep Date: 8/9/2017	Analyst: DM

Acenaphthene	ND	0.042		mg/Kg-dry	1	8/11/2017
Acenaphthylene	ND	0.042		mg/Kg-dry	1	8/11/2017
Aniline	ND	0.42		mg/Kg-dry	1	8/11/2017
Anthracene	ND	0.042		mg/Kg-dry	1	8/11/2017
Benz(a)anthracene	ND	0.042		mg/Kg-dry	1	8/11/2017
Benidine	ND	0.42		mg/Kg-dry	1	8/11/2017
Benzo(a)pyrene	ND	0.042		mg/Kg-dry	1	8/11/2017
Benzo(b)fluoranthene	ND	0.042		mg/Kg-dry	1	8/11/2017
Benzo(g,h,i)perylene	ND	0.042		mg/Kg-dry	1	8/11/2017
Benzo(k)fluoranthene	ND	0.042		mg/Kg-dry	1	8/11/2017
Benzoic acid	ND	1.0		mg/Kg-dry	1	8/11/2017
Benzyl alcohol	ND	0.21		mg/Kg-dry	1	8/11/2017
Bis(2-chloroethoxy)methane	ND	0.21		mg/Kg-dry	1	8/11/2017
Bis(2-chloroethyl)ether	ND	0.21		mg/Kg-dry	1	8/11/2017
Bis(2-ethylhexyl)phthalate	ND	1.0		mg/Kg-dry	1	8/11/2017
4-Bromophenyl phenyl ether	ND	0.21		mg/Kg-dry	1	8/11/2017
Butyl benzyl phthalate	ND	0.21		mg/Kg-dry	1	8/11/2017
Carbazole	ND	0.21		mg/Kg-dry	1	8/11/2017
4-Chloroaniline	ND	0.21		mg/Kg-dry	1	8/11/2017
4-Chloro-3-methylphenol	ND	0.42		mg/Kg-dry	1	8/11/2017
2-Chloronaphthalene	ND	0.21		mg/Kg-dry	1	8/11/2017
2-Chlorophenol	ND	0.21		mg/Kg-dry	1	8/11/2017
4-Chlorophenyl phenyl ether	ND	0.21		mg/Kg-dry	1	8/11/2017
Chrysene	ND	0.042		mg/Kg-dry	1	8/11/2017
Dibenz(a,h)anthracene	ND	0.042		mg/Kg-dry	1	8/11/2017
Dibenzofuran	ND	0.21		mg/Kg-dry	1	8/11/2017
1,2-Dichlorobenzene	ND	0.21		mg/Kg-dry	1	8/11/2017
1,3-Dichlorobenzene	ND	0.21		mg/Kg-dry	1	8/11/2017
1,4-Dichlorobenzene	ND	0.21		mg/Kg-dry	1	8/11/2017
3,3'-Dichlorobenzidine	ND	0.21		mg/Kg-dry	1	8/11/2017
2,4-Dichlorophenol	ND	0.21		mg/Kg-dry	1	8/11/2017
Diethyl phthalate	ND	0.21		mg/Kg-dry	1	8/11/2017
2,4-Dimethylphenol	ND	0.21		mg/Kg-dry	1	8/11/2017
Dimethyl phthalate	ND	0.21		mg/Kg-dry	1	8/11/2017
4,6-Dinitro-2-methylphenol	ND	0.42		mg/Kg-dry	1	8/11/2017
2,4-Dinitrophenol	ND	1.0		mg/Kg-dry	1	8/11/2017
2,4-Dinitrotoluene	ND	0.042		mg/Kg-dry	1	8/11/2017
2,6-Dinitrotoluene	ND	0.042		mg/Kg-dry	1	8/11/2017

Qualifiers:

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Report Date: August 17, 2017

Print Date: August 17, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-13-02 (5-9)

Work Order: 17080266 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 8/8/2017 11:05:00 AM

Lab ID: 17080266-004B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed

Semivolatile Organic Compounds by GC/MS SW8270C (SW3550B) Prep Date: 8/9/2017 Analyst: DM

Di-n-butyl phthalate	ND	0.21		mg/Kg-dry	1	8/11/2017
Di-n-octyl phthalate	ND	0.21		mg/Kg-dry	1	8/11/2017
Fluoranthene	ND	0.042		mg/Kg-dry	1	8/11/2017
Fluorene	ND	0.042		mg/Kg-dry	1	8/11/2017
Hexachlorobenzene	ND	0.21		mg/Kg-dry	1	8/11/2017
Hexachlorobutadiene	ND	0.21		mg/Kg-dry	1	8/11/2017
Hexachlorocyclopentadiene	ND	0.21		mg/Kg-dry	1	8/11/2017
Hexachloroethane	ND	0.21		mg/Kg-dry	1	8/11/2017
Indeno(1,2,3-cd)pyrene	ND	0.042		mg/Kg-dry	1	8/11/2017
Isophorone	ND	0.21		mg/Kg-dry	1	8/11/2017
2-Methylnaphthalene	ND	0.21		mg/Kg-dry	1	8/11/2017
2-Methylphenol	ND	0.21		mg/Kg-dry	1	8/11/2017
4-Methylphenol	ND	0.21		mg/Kg-dry	1	8/11/2017
Naphthalene	ND	0.042		mg/Kg-dry	1	8/11/2017
2-Nitroaniline	ND	0.21		mg/Kg-dry	1	8/11/2017
3-Nitroaniline	ND	0.21		mg/Kg-dry	1	8/11/2017
4-Nitroaniline	ND	0.21		mg/Kg-dry	1	8/11/2017
2-Nitrophenol	ND	0.21		mg/Kg-dry	1	8/11/2017
4-Nitrophenol	ND	0.42		mg/Kg-dry	1	8/11/2017
Nitrobenzene	ND	0.042		mg/Kg-dry	1	8/11/2017
N-Nitrosodi-n-propylamine	ND	0.042		mg/Kg-dry	1	8/11/2017
N-Nitrosodimethylamine	ND	0.21		mg/Kg-dry	1	8/11/2017
N-Nitrosodiphenylamine	ND	0.21		mg/Kg-dry	1	8/11/2017
2, 2'-oxybis(1-Chloropropane)	ND	0.21		mg/Kg-dry	1	8/11/2017
Pentachlorophenol	ND	0.084		mg/Kg-dry	1	8/11/2017
Phenanthrene	ND	0.042		mg/Kg-dry	1	8/11/2017
Phenol	ND	0.21		mg/Kg-dry	1	8/11/2017
Pyrene	ND	0.042		mg/Kg-dry	1	8/11/2017
Pyridine	ND	0.84		mg/Kg-dry	1	8/11/2017
1,2,4-Trichlorobenzene	ND	0.21		mg/Kg-dry	1	8/11/2017
2,4,5-Trichlorophenol	ND	0.21		mg/Kg-dry	1	8/11/2017
2,4,6-Trichlorophenol	ND	0.21		mg/Kg-dry	1	8/11/2017

Metals by ICP/MS SW6020 (SW3050B) Prep Date: 8/9/2017 Analyst: JG

Aluminum	19000	22		mg/Kg-dry	10	8/11/2017
Antimony	ND	2.2		mg/Kg-dry	10	8/11/2017
Arsenic	3.7	1.1		mg/Kg-dry	10	8/11/2017
Barium	180	1.1		mg/Kg-dry	10	8/11/2017
Beryllium	0.97	0.54		mg/Kg-dry	10	8/11/2017

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

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Report Date: August 17, 2017

Print Date: August 17, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-13-02 (5-9)

Work Order: 17080266 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 8/8/2017 11:05:00 AM

Lab ID: 17080266-004B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed

Metals by ICP/MS

SW6020 (SW3050B)

Prep Date: 8/9/2017

Analyst: JG

Cadmium	ND	0.54		mg/Kg-dry	10	8/11/2017
Calcium	4800	65		mg/Kg-dry	10	8/11/2017
Chromium	27	1.1		mg/Kg-dry	10	8/11/2017
Cobalt	6.8	1.1		mg/Kg-dry	10	8/11/2017
Copper	21	2.7		mg/Kg-dry	10	8/11/2017
Iron	22000	32		mg/Kg-dry	10	8/11/2017
Lead	14	0.54		mg/Kg-dry	10	8/11/2017
Magnesium	5000	32		mg/Kg-dry	10	8/11/2017
Manganese	120	1.1		mg/Kg-dry	10	8/11/2017
Nickel	26	1.1		mg/Kg-dry	10	8/11/2017
Potassium	1200	32		mg/Kg-dry	10	8/11/2017
Selenium	ND	1.1		mg/Kg-dry	10	8/11/2017
Silver	ND	1.1		mg/Kg-dry	10	8/11/2017
Sodium	950	65		mg/Kg-dry	10	8/11/2017
Thallium	ND	1.1		mg/Kg-dry	10	8/11/2017
Vanadium	37	1.1		mg/Kg-dry	10	8/11/2017
Zinc	83	5.4		mg/Kg-dry	10	8/11/2017

SPLP Metals by ICP/MS

SW1312/6020 (SW3005A)

Prep Date: 8/10/2017

Analyst: JG

Arsenic	ND	0.0040		mg/L	2	8/11/2017
Barium	ND	0.020		mg/L	2	8/11/2017
Beryllium	ND	0.0020		mg/L	2	8/11/2017
Cadmium	ND	0.0020		mg/L	2	8/11/2017
Chromium	0.0057	0.0040		mg/L	2	8/11/2017
Cobalt	ND	0.0040		mg/L	2	8/11/2017
Copper	ND	0.040		mg/L	2	8/11/2017
Iron	2.9	0.10		mg/L	2	8/11/2017
Lead	ND	0.0020		mg/L	2	8/11/2017
Manganese	0.011	0.0040		mg/L	2	8/11/2017
Nickel	ND	0.0040		mg/L	2	8/11/2017
Selenium	ND	0.0040		mg/L	2	8/11/2017
Silver	ND	0.0040		mg/L	2	8/11/2017
Zinc	ND	0.020		mg/L	2	8/11/2017

TCLP Metals by ICP/MS

SW1311/6020 (SW3005A)

Prep Date: 8/10/2017

Analyst: JG

Arsenic	ND	0.010		mg/L	5	8/10/2017
Barium	0.25	0.050		mg/L	5	8/10/2017
Beryllium	ND	0.0050		mg/L	5	8/11/2017
Cadmium	ND	0.0050		mg/L	5	8/10/2017

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

HT - Sample received past holding time

* - Non-accredited parameter

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R - RPD outside accepted recovery limits

E - Value above quantitation range

H - Holding time exceeded

STAT Analysis Corporation

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

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

Report Date: August 17, 2017

Print Date: August 17, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-13-02 (5-9)

Work Order: 17080266 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 8/8/2017 11:05:00 AM

Lab ID: 17080266-004B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
TCLP Metals by ICP/MS	SW1311/6020 (SW3005A)					Prep Date: 8/10/2017 Analyst: JG
Chromium	ND	0.010		mg/L	5	8/10/2017
Cobalt	0.013	0.010		mg/L	5	8/10/2017
Copper	ND	0.10		mg/L	5	8/10/2017
Iron	0.26	0.25		mg/L	5	8/10/2017
Lead	0.0096	0.0050		mg/L	5	8/10/2017
Manganese	0.68	0.010		mg/L	5	8/10/2017
Nickel	0.021	0.010		mg/L	5	8/10/2017
Selenium	ND	0.010		mg/L	5	8/10/2017
Silver	ND	0.010		mg/L	5	8/10/2017
Zinc	0.14	0.050		mg/L	5	8/10/2017
TCLP Mercury	SW1311/7470A					Prep Date: 8/10/2017 Analyst: LB
Mercury	ND	0.00020		mg/L	1	8/10/2017
SPLP Mercury	SW1312/7470A					Prep Date: 8/10/2017 Analyst: LB
Mercury	ND	0.00025		mg/L	1	8/11/2017
Mercury	SW7471A					Prep Date: 8/10/2017 Analyst: LB
Mercury	0.050	0.025		mg/Kg-dry	1	8/11/2017
pH (25 °C)	SW9045C					Prep Date: 8/9/2017 Analyst: PBG
pH	6.45			pH Units	1	8/9/2017
Percent Moisture	D2974					Prep Date: 8/9/2017 Analyst: KKA
Percent Moisture	20.9	0.2	*	wt%	1	8/10/2017

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

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HT - Sample received past holding time

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E - Value above quantitation range

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Report Date: August 17, 2017

Print Date: August 17, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-13-04 (0-5)

Work Order: 17080266 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 8/8/2017 10:47:00 AM

Lab ID: 17080266-007A

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS		SW5035/8260B		Prep Date: 8/8/2017		Analyst: ERP
Acetone	ND	0.071		mg/Kg-dry	1	8/14/2017
Benzene	ND	0.0047		mg/Kg-dry	1	8/14/2017
Bromodichloromethane	ND	0.0047		mg/Kg-dry	1	8/14/2017
Bromoform	ND	0.0047		mg/Kg-dry	1	8/14/2017
Bromomethane	ND	0.0095		mg/Kg-dry	1	8/14/2017
2-Butanone	ND	0.071		mg/Kg-dry	1	8/14/2017
Carbon disulfide	ND	0.047		mg/Kg-dry	1	8/14/2017
Carbon tetrachloride	ND	0.0047		mg/Kg-dry	1	8/14/2017
Chlorobenzene	ND	0.0047		mg/Kg-dry	1	8/14/2017
Chloroethane	ND	0.0095		mg/Kg-dry	1	8/14/2017
Chloroform	ND	0.0047		mg/Kg-dry	1	8/14/2017
Chloromethane	ND	0.0095		mg/Kg-dry	1	8/14/2017
Dibromochloromethane	ND	0.0047		mg/Kg-dry	1	8/14/2017
1,1-Dichloroethane	ND	0.0047		mg/Kg-dry	1	8/14/2017
1,2-Dichloroethane	ND	0.0047		mg/Kg-dry	1	8/14/2017
1,1-Dichloroethene	ND	0.0047		mg/Kg-dry	1	8/14/2017
cis-1,2-Dichloroethene	ND	0.0047		mg/Kg-dry	1	8/14/2017
trans-1,2-Dichloroethene	ND	0.0047		mg/Kg-dry	1	8/14/2017
1,2-Dichloropropane	ND	0.0047		mg/Kg-dry	1	8/14/2017
cis-1,3-Dichloropropene	ND	0.0019		mg/Kg-dry	1	8/14/2017
trans-1,3-Dichloropropene	ND	0.0019		mg/Kg-dry	1	8/14/2017
Ethylbenzene	ND	0.0047		mg/Kg-dry	1	8/14/2017
2-Hexanone	ND	0.019		mg/Kg-dry	1	8/14/2017
4-Methyl-2-pentanone	ND	0.019		mg/Kg-dry	1	8/14/2017
Methylene chloride	ND	0.0095		mg/Kg-dry	1	8/14/2017
Methyl tert-butyl ether	ND	0.0047		mg/Kg-dry	1	8/14/2017
Styrene	ND	0.0047		mg/Kg-dry	1	8/14/2017
1,1,2,2-Tetrachloroethane	ND	0.0047		mg/Kg-dry	1	8/14/2017
Tetrachloroethene	ND	0.0047		mg/Kg-dry	1	8/14/2017
Toluene	ND	0.0047		mg/Kg-dry	1	8/14/2017
1,1,1-Trichloroethane	ND	0.0047		mg/Kg-dry	1	8/14/2017
1,1,2-Trichloroethane	ND	0.0047		mg/Kg-dry	1	8/14/2017
Trichloroethene	ND	0.0047		mg/Kg-dry	1	8/14/2017
Vinyl chloride	ND	0.0047		mg/Kg-dry	1	8/14/2017
Xylenes, Total	ND	0.014		mg/Kg-dry	1	8/14/2017

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

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HT - Sample received past holding time

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

Report Date: August 17, 2017

Print Date: August 17, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-13-04 (0-5)

Work Order: 17080266 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 8/8/2017 10:47:00 AM

Lab ID: 17080266-007B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed

Semivolatile Organic Compounds by GC/MS	SW8270C (SW3550B)				Prep Date: 8/9/2017	Analyst: DM

Acenaphthene	ND	0.040		mg/Kg-dry	1	8/11/2017
Acenaphthylene	ND	0.040		mg/Kg-dry	1	8/11/2017
Aniline	ND	0.40		mg/Kg-dry	1	8/11/2017
Anthracene	ND	0.040		mg/Kg-dry	1	8/11/2017
Benz(a)anthracene	ND	0.040		mg/Kg-dry	1	8/11/2017
Benzidine	ND	0.40		mg/Kg-dry	1	8/11/2017
Benzo(a)pyrene	ND	0.040		mg/Kg-dry	1	8/11/2017
Benzo(b)fluoranthene	ND	0.040		mg/Kg-dry	1	8/11/2017
Benzo(g,h,i)perylene	ND	0.040		mg/Kg-dry	1	8/11/2017
Benzo(k)fluoranthene	ND	0.040		mg/Kg-dry	1	8/11/2017
Benzoic acid	ND	1.0		mg/Kg-dry	1	8/11/2017
Benzyl alcohol	ND	0.20		mg/Kg-dry	1	8/11/2017
Bis(2-chloroethoxy)methane	ND	0.20		mg/Kg-dry	1	8/11/2017
Bis(2-chloroethyl)ether	ND	0.20		mg/Kg-dry	1	8/11/2017
Bis(2-ethylhexyl)phthalate	ND	1.0		mg/Kg-dry	1	8/11/2017
4-Bromophenyl phenyl ether	ND	0.20		mg/Kg-dry	1	8/11/2017
Butyl benzyl phthalate	ND	0.20		mg/Kg-dry	1	8/11/2017
Carbazole	ND	0.20		mg/Kg-dry	1	8/11/2017
4-Chloroaniline	ND	0.20		mg/Kg-dry	1	8/11/2017
4-Chloro-3-methylphenol	ND	0.40		mg/Kg-dry	1	8/11/2017
2-Chloronaphthalene	ND	0.20		mg/Kg-dry	1	8/11/2017
2-Chlorophenol	ND	0.20		mg/Kg-dry	1	8/11/2017
4-Chlorophenyl phenyl ether	ND	0.20		mg/Kg-dry	1	8/11/2017
Chrysene	ND	0.040		mg/Kg-dry	1	8/11/2017
Dibenz(a,h)anthracene	ND	0.040		mg/Kg-dry	1	8/11/2017
Dibenzofuran	ND	0.20		mg/Kg-dry	1	8/11/2017
1,2-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	8/11/2017
1,3-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	8/11/2017
1,4-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	8/11/2017
3,3'-Dichlorobenzidine	ND	0.20		mg/Kg-dry	1	8/11/2017
2,4-Dichlorophenol	ND	0.20		mg/Kg-dry	1	8/11/2017
Diethyl phthalate	ND	0.20		mg/Kg-dry	1	8/11/2017
2,4-Dimethylphenol	ND	0.20		mg/Kg-dry	1	8/11/2017
Dimethyl phthalate	ND	0.20		mg/Kg-dry	1	8/11/2017
4,6-Dinitro-2-methylphenol	ND	0.40		mg/Kg-dry	1	8/11/2017
2,4-Dinitrophenol	ND	1.0		mg/Kg-dry	1	8/11/2017
2,4-Dinitrotoluene	ND	0.040		mg/Kg-dry	1	8/11/2017
2,6-Dinitrotoluene	ND	0.040		mg/Kg-dry	1	8/11/2017

Qualifiers:

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

Report Date: August 17, 2017

Print Date: August 17, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-13-04 (0-5)

Work Order: 17080266 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL

Collection Date: 8/8/2017 10:47:00 AM

Lab ID: 17080266-007B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed

Semivolatile Organic Compounds by GC/MS SW8270C (SW3550B) Prep Date: 8/9/2017 Analyst: DM

Di-n-butyl phthalate	ND	0.20		mg/Kg-dry	1	8/11/2017
Di-n-octyl phthalate	ND	0.20		mg/Kg-dry	1	8/11/2017
Fluoranthene	ND	0.040		mg/Kg-dry	1	8/11/2017
Fluorene	ND	0.040		mg/Kg-dry	1	8/11/2017
Hexachlorobenzene	ND	0.20		mg/Kg-dry	1	8/11/2017
Hexachlorobutadiene	ND	0.20		mg/Kg-dry	1	8/11/2017
Hexachlorocyclopentadiene	ND	0.20		mg/Kg-dry	1	8/11/2017
Hexachloroethane	ND	0.20		mg/Kg-dry	1	8/11/2017
Indeno(1,2,3-cd)pyrene	ND	0.040		mg/Kg-dry	1	8/11/2017
Isophorone	ND	0.20		mg/Kg-dry	1	8/11/2017
2-Methylnaphthalene	ND	0.20		mg/Kg-dry	1	8/11/2017
2-Methylphenol	ND	0.20		mg/Kg-dry	1	8/11/2017
4-Methylphenol	ND	0.20		mg/Kg-dry	1	8/11/2017
Naphthalene	ND	0.040		mg/Kg-dry	1	8/11/2017
2-Nitroaniline	ND	0.20		mg/Kg-dry	1	8/11/2017
3-Nitroaniline	ND	0.20		mg/Kg-dry	1	8/11/2017
4-Nitroaniline	ND	0.20		mg/Kg-dry	1	8/11/2017
2-Nitrophenol	ND	0.20		mg/Kg-dry	1	8/11/2017
4-Nitrophenol	ND	0.40		mg/Kg-dry	1	8/11/2017
Nitrobenzene	ND	0.040		mg/Kg-dry	1	8/11/2017
N-Nitrosodi-n-propylamine	ND	0.040		mg/Kg-dry	1	8/11/2017
N-Nitrosodimethylamine	ND	0.20		mg/Kg-dry	1	8/11/2017
N-Nitrosodiphenylamine	ND	0.20		mg/Kg-dry	1	8/11/2017
2, 2'-oxybis(1-Chloropropane)	ND	0.20		mg/Kg-dry	1	8/11/2017
Pentachlorophenol	ND	0.080		mg/Kg-dry	1	8/11/2017
Phenanthrene	ND	0.040		mg/Kg-dry	1	8/11/2017
Phenol	ND	0.20		mg/Kg-dry	1	8/11/2017
Pyrene	ND	0.040		mg/Kg-dry	1	8/11/2017
Pyridine	ND	0.80		mg/Kg-dry	1	8/11/2017
1,2,4-Trichlorobenzene	ND	0.20		mg/Kg-dry	1	8/11/2017
2,4,5-Trichlorophenol	ND	0.20		mg/Kg-dry	1	8/11/2017
2,4,6-Trichlorophenol	ND	0.20		mg/Kg-dry	1	8/11/2017

Metals by ICP/MS SW6020 (SW3050B) Prep Date: 8/9/2017 Analyst: JG

Aluminum	15000	21		mg/Kg-dry	10	8/11/2017
Antimony	ND	2.1		mg/Kg-dry	10	8/11/2017
Arsenic	8.3	1.1		mg/Kg-dry	10	8/11/2017
Barium	150	1.1		mg/Kg-dry	10	8/11/2017
Beryllium	0.87	0.53		mg/Kg-dry	10	8/11/2017

Qualifiers:

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

Report Date: August 17, 2017

Print Date: August 17, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-13-04 (0-5)

Work Order: 17080266 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 8/8/2017 10:47:00 AM

Lab ID: 17080266-007B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed

Metals by ICP/MS

SW6020 (SW3050B)

Prep Date: 8/9/2017

Analyst: JG

Cadmium	ND	0.53		mg/Kg-dry	10	8/11/2017
Calcium	24000	63		mg/Kg-dry	10	8/11/2017
Chromium	23	1.1		mg/Kg-dry	10	8/11/2017
Cobalt	11	1.1		mg/Kg-dry	10	8/11/2017
Copper	26	2.6		mg/Kg-dry	10	8/11/2017
Iron	25000	32		mg/Kg-dry	10	8/11/2017
Lead	30	0.53		mg/Kg-dry	10	8/11/2017
Magnesium	14000	32		mg/Kg-dry	10	8/11/2017
Manganese	520	1.1		mg/Kg-dry	10	8/11/2017
Nickel	26	1.1		mg/Kg-dry	10	8/11/2017
Potassium	1500	32		mg/Kg-dry	10	8/11/2017
Selenium	ND	1.1		mg/Kg-dry	10	8/11/2017
Silver	ND	1.1		mg/Kg-dry	10	8/11/2017
Sodium	810	63		mg/Kg-dry	10	8/11/2017
Thallium	ND	1.1		mg/Kg-dry	10	8/11/2017
Vanadium	38	1.1		mg/Kg-dry	10	8/11/2017
Zinc	81	5.3		mg/Kg-dry	10	8/11/2017

SPLP Metals by ICP/MS

SW1312/6020 (SW3005A)

Prep Date: 8/10/2017

Analyst: JG

Arsenic	0.0061	0.0040		mg/L	2	8/11/2017
Barium	0.024	0.020		mg/L	2	8/11/2017
Beryllium	ND	0.0020		mg/L	2	8/11/2017
Cadmium	ND	0.0020		mg/L	2	8/11/2017
Chromium	0.0049	0.0040		mg/L	2	8/11/2017
Cobalt	ND	0.0040		mg/L	2	8/11/2017
Copper	ND	0.040		mg/L	2	8/11/2017
Iron	4.3	0.10		mg/L	2	8/11/2017
Lead	0.0033	0.0020		mg/L	2	8/11/2017
Manganese	0.050	0.0040		mg/L	2	8/11/2017
Nickel	0.0053	0.0040		mg/L	2	8/11/2017
Selenium	ND	0.0040		mg/L	2	8/11/2017
Silver	ND	0.0040		mg/L	2	8/11/2017
Zinc	ND	0.020		mg/L	2	8/11/2017

TCLP Metals by ICP/MS

SW1311/6020 (SW3005A)

Prep Date: 8/10/2017

Analyst: JG

Arsenic	ND	0.010		mg/L	5	8/10/2017
Barium	1.4	0.050		mg/L	5	8/10/2017
Beryllium	ND	0.0050		mg/L	5	8/11/2017
Cadmium	ND	0.0050		mg/L	5	8/10/2017

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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Report Date: August 17, 2017

Print Date: August 17, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-13-04 (0-5)

Work Order: 17080266 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL

Collection Date: 8/8/2017 10:47:00 AM

Lab ID: 17080266-007B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
TCLP Metals by ICP/MS	SW1311/6020 (SW3005A)		Prep Date: 8/10/2017		Analyst: JG	
Chromium	ND	0.010		mg/L	5	8/10/2017
Cobalt	0.040	0.010		mg/L	5	8/10/2017
Copper	ND	0.10		mg/L	5	8/10/2017
Iron	0.96	0.25		mg/L	5	8/10/2017
Lead	0.0074	0.0050		mg/L	5	8/10/2017
Manganese	14	0.010		mg/L	5	8/10/2017
Nickel	0.042	0.010		mg/L	5	8/10/2017
Selenium	ND	0.010		mg/L	5	8/10/2017
Silver	ND	0.010		mg/L	5	8/10/2017
Zinc	0.053	0.050		mg/L	5	8/10/2017
TCLP Mercury	SW1311/7470A		Prep Date: 8/10/2017		Analyst: LB	
Mercury	ND	0.00020		mg/L	1	8/10/2017
SPLP Mercury	SW1312/7470A		Prep Date: 8/10/2017		Analyst: LB	
Mercury	ND	0.00025		mg/L	1	8/11/2017
Mercury	SW7471A		Prep Date: 8/10/2017		Analyst: LB	
Mercury	0.026	0.022		mg/Kg-dry	1	8/11/2017
pH (25 °C)	SW9045C		Prep Date: 8/9/2017		Analyst: PBG	
pH	7.56			pH Units	1	8/9/2017
Percent Moisture	D2974		Prep Date: 8/9/2017		Analyst: KKA	
Percent Moisture	17.4	0.2	*	wt%	1	8/10/2017

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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Report Date: August 17, 2017

Print Date: August 17, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-13-04 (5-9)

Work Order: 17080266 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL

Collection Date: 8/8/2017 10:50:00 AM

Lab ID: 17080266-008A

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS		SW5035/8260B		Prep Date: 8/8/2017		Analyst: ERP
Acetone	ND	0.083		mg/Kg-dry	1	8/14/2017
Benzene	ND	0.0056		mg/Kg-dry	1	8/14/2017
Bromodichloromethane	ND	0.0056		mg/Kg-dry	1	8/14/2017
Bromoform	ND	0.0056		mg/Kg-dry	1	8/14/2017
Bromomethane	ND	0.011		mg/Kg-dry	1	8/14/2017
2-Butanone	ND	0.083		mg/Kg-dry	1	8/14/2017
Carbon disulfide	ND	0.056		mg/Kg-dry	1	8/14/2017
Carbon tetrachloride	ND	0.0056		mg/Kg-dry	1	8/14/2017
Chlorobenzene	ND	0.0056		mg/Kg-dry	1	8/14/2017
Chloroethane	ND	0.011		mg/Kg-dry	1	8/14/2017
Chloroform	ND	0.0056		mg/Kg-dry	1	8/14/2017
Chloromethane	ND	0.011		mg/Kg-dry	1	8/14/2017
Dibromochloromethane	ND	0.0056		mg/Kg-dry	1	8/14/2017
1,1-Dichloroethane	ND	0.0056		mg/Kg-dry	1	8/14/2017
1,2-Dichloroethane	ND	0.0056		mg/Kg-dry	1	8/14/2017
1,1-Dichloroethene	ND	0.0056		mg/Kg-dry	1	8/14/2017
cis-1,2-Dichloroethene	ND	0.0056		mg/Kg-dry	1	8/14/2017
trans-1,2-Dichloroethene	ND	0.0056		mg/Kg-dry	1	8/14/2017
1,2-Dichloropropane	ND	0.0056		mg/Kg-dry	1	8/14/2017
cis-1,3-Dichloropropene	ND	0.0022		mg/Kg-dry	1	8/14/2017
trans-1,3-Dichloropropene	ND	0.0022		mg/Kg-dry	1	8/14/2017
Ethylbenzene	ND	0.0056		mg/Kg-dry	1	8/14/2017
2-Hexanone	ND	0.022		mg/Kg-dry	1	8/14/2017
4-Methyl-2-pentanone	ND	0.022		mg/Kg-dry	1	8/14/2017
Methylene chloride	ND	0.011		mg/Kg-dry	1	8/14/2017
Methyl tert-butyl ether	ND	0.0056		mg/Kg-dry	1	8/14/2017
Styrene	ND	0.0056		mg/Kg-dry	1	8/14/2017
1,1,2,2-Tetrachloroethane	ND	0.0056		mg/Kg-dry	1	8/14/2017
Tetrachloroethene	ND	0.0056		mg/Kg-dry	1	8/14/2017
Toluene	ND	0.0056		mg/Kg-dry	1	8/14/2017
1,1,1-Trichloroethane	ND	0.0056		mg/Kg-dry	1	8/14/2017
1,1,2-Trichloroethane	ND	0.0056		mg/Kg-dry	1	8/14/2017
Trichloroethene	ND	0.0056		mg/Kg-dry	1	8/14/2017
Vinyl chloride	ND	0.0056		mg/Kg-dry	1	8/14/2017
Xylenes, Total	ND	0.017		mg/Kg-dry	1	8/14/2017

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

HT - Sample received past holding time

* - Non-accredited parameter

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

Report Date: August 17, 2017

Print Date: August 17, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-13-04 (5-9)

Work Order: 17080266 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 8/8/2017 10:50:00 AM

Lab ID: 17080266-008B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed

Semivolatile Organic Compounds by GC/MS	SW8270C (SW3550B)				Prep Date: 8/9/2017	Analyst: DM

Acenaphthene	ND	0.040		mg/Kg-dry	1	8/11/2017
Acenaphthylene	ND	0.040		mg/Kg-dry	1	8/11/2017
Aniline	ND	0.40		mg/Kg-dry	1	8/11/2017
Anthracene	ND	0.040		mg/Kg-dry	1	8/11/2017
Benz(a)anthracene	ND	0.040		mg/Kg-dry	1	8/11/2017
Benzidine	ND	0.40		mg/Kg-dry	1	8/11/2017
Benzo(a)pyrene	ND	0.040		mg/Kg-dry	1	8/11/2017
Benzo(b)fluoranthene	ND	0.040		mg/Kg-dry	1	8/11/2017
Benzo(g,h,i)perylene	ND	0.040		mg/Kg-dry	1	8/11/2017
Benzo(k)fluoranthene	ND	0.040		mg/Kg-dry	1	8/11/2017
Benzoic acid	ND	1.0		mg/Kg-dry	1	8/11/2017
Benzyl alcohol	ND	0.20		mg/Kg-dry	1	8/11/2017
Bis(2-chloroethoxy)methane	ND	0.20		mg/Kg-dry	1	8/11/2017
Bis(2-chloroethyl)ether	ND	0.20		mg/Kg-dry	1	8/11/2017
Bis(2-ethylhexyl)phthalate	ND	1.0		mg/Kg-dry	1	8/11/2017
4-Bromophenyl phenyl ether	ND	0.20		mg/Kg-dry	1	8/11/2017
Butyl benzyl phthalate	ND	0.20		mg/Kg-dry	1	8/11/2017
Carbazole	ND	0.20		mg/Kg-dry	1	8/11/2017
4-Chloroaniline	ND	0.20		mg/Kg-dry	1	8/11/2017
4-Chloro-3-methylphenol	ND	0.40		mg/Kg-dry	1	8/11/2017
2-Chloronaphthalene	ND	0.20		mg/Kg-dry	1	8/11/2017
2-Chlorophenol	ND	0.20		mg/Kg-dry	1	8/11/2017
4-Chlorophenyl phenyl ether	ND	0.20		mg/Kg-dry	1	8/11/2017
Chrysene	ND	0.040		mg/Kg-dry	1	8/11/2017
Dibenz(a,h)anthracene	ND	0.040		mg/Kg-dry	1	8/11/2017
Dibenzofuran	ND	0.20		mg/Kg-dry	1	8/11/2017
1,2-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	8/11/2017
1,3-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	8/11/2017
1,4-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	8/11/2017
3,3'-Dichlorobenzidine	ND	0.20		mg/Kg-dry	1	8/11/2017
2,4-Dichlorophenol	ND	0.20		mg/Kg-dry	1	8/11/2017
Diethyl phthalate	ND	0.20		mg/Kg-dry	1	8/11/2017
2,4-Dimethylphenol	ND	0.20		mg/Kg-dry	1	8/11/2017
Dimethyl phthalate	ND	0.20		mg/Kg-dry	1	8/11/2017
4,6-Dinitro-2-methylphenol	ND	0.40		mg/Kg-dry	1	8/11/2017
2,4-Dinitrophenol	ND	1.0		mg/Kg-dry	1	8/11/2017
2,4-Dinitrotoluene	ND	0.040		mg/Kg-dry	1	8/11/2017
2,6-Dinitrotoluene	ND	0.040		mg/Kg-dry	1	8/11/2017

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

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

Report Date: August 17, 2017

Print Date: August 17, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-13-04 (5-9)

Work Order: 17080266 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL

Collection Date: 8/8/2017 10:50:00 AM

Lab ID: 17080266-008B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed

Semivolatile Organic Compounds by GC/MS	SW8270C (SW3550B)				Prep Date: 8/9/2017	Analyst: DM

Di-n-butyl phthalate	ND	0.20		mg/Kg-dry	1	8/11/2017
Di-n-octyl phthalate	ND	0.20		mg/Kg-dry	1	8/11/2017
Fluoranthene	ND	0.040		mg/Kg-dry	1	8/11/2017
Fluorene	ND	0.040		mg/Kg-dry	1	8/11/2017
Hexachlorobenzene	ND	0.20		mg/Kg-dry	1	8/11/2017
Hexachlorobutadiene	ND	0.20		mg/Kg-dry	1	8/11/2017
Hexachlorocyclopentadiene	ND	0.20		mg/Kg-dry	1	8/11/2017
Hexachloroethane	ND	0.20		mg/Kg-dry	1	8/11/2017
Indeno(1,2,3-cd)pyrene	ND	0.040		mg/Kg-dry	1	8/11/2017
Isophorone	ND	0.20		mg/Kg-dry	1	8/11/2017
2-Methylnaphthalene	ND	0.20		mg/Kg-dry	1	8/11/2017
2-Methylphenol	ND	0.20		mg/Kg-dry	1	8/11/2017
4-Methylphenol	ND	0.20		mg/Kg-dry	1	8/11/2017
Naphthalene	ND	0.040		mg/Kg-dry	1	8/11/2017
2-Nitroaniline	ND	0.20		mg/Kg-dry	1	8/11/2017
3-Nitroaniline	ND	0.20		mg/Kg-dry	1	8/11/2017
4-Nitroaniline	ND	0.20		mg/Kg-dry	1	8/11/2017
2-Nitrophenol	ND	0.20		mg/Kg-dry	1	8/11/2017
4-Nitrophenol	ND	0.40		mg/Kg-dry	1	8/11/2017
Nitrobenzene	ND	0.040		mg/Kg-dry	1	8/11/2017
N-Nitrosodi-n-propylamine	ND	0.040		mg/Kg-dry	1	8/11/2017
N-Nitrosodimethylamine	ND	0.20		mg/Kg-dry	1	8/11/2017
N-Nitrosodiphenylamine	ND	0.20		mg/Kg-dry	1	8/11/2017
2, 2'-oxybis(1-Chloropropane)	ND	0.20		mg/Kg-dry	1	8/11/2017
Pentachlorophenol	ND	0.081		mg/Kg-dry	1	8/11/2017
Phenanthrene	ND	0.040		mg/Kg-dry	1	8/11/2017
Phenol	ND	0.20		mg/Kg-dry	1	8/11/2017
Pyrene	ND	0.040		mg/Kg-dry	1	8/11/2017
Pyridine	ND	0.81		mg/Kg-dry	1	8/11/2017
1,2,4-Trichlorobenzene	ND	0.20		mg/Kg-dry	1	8/11/2017
2,4,5-Trichlorophenol	ND	0.20		mg/Kg-dry	1	8/11/2017
2,4,6-Trichlorophenol	ND	0.20		mg/Kg-dry	1	8/11/2017

Metals by ICP/MS	SW6020 (SW3050B)				Prep Date: 8/9/2017	Analyst: JG

Aluminum	13000	21		mg/Kg-dry	10	8/11/2017
Antimony	ND	2.1		mg/Kg-dry	10	8/11/2017
Arsenic	9.5	1.0		mg/Kg-dry	10	8/11/2017
Barium	130	1.0		mg/Kg-dry	10	8/11/2017
Beryllium	0.79	0.52		mg/Kg-dry	10	8/11/2017

Qualifiers:

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H - Holding time exceeded

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Report Date: August 17, 2017

Print Date: August 17, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-13-04 (5-9)

Work Order: 17080266 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL

Collection Date: 8/8/2017 10:50:00 AM

Lab ID: 17080266-008B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed

Metals by ICP/MS

SW6020 (SW3050B)

Prep Date: 8/9/2017

Analyst: JG

Cadmium	ND	0.52		mg/Kg-dry	10	8/11/2017
Calcium	52000	62		mg/Kg-dry	10	8/11/2017
Chromium	24	1.0		mg/Kg-dry	10	8/11/2017
Cobalt	11	1.0		mg/Kg-dry	10	8/11/2017
Copper	29	2.6		mg/Kg-dry	10	8/11/2017
Iron	25000	31		mg/Kg-dry	10	8/11/2017
Lead	65	0.52		mg/Kg-dry	10	8/11/2017
Magnesium	27000	31		mg/Kg-dry	10	8/11/2017
Manganese	990	1.0		mg/Kg-dry	10	8/11/2017
Nickel	29	1.0		mg/Kg-dry	10	8/11/2017
Potassium	2000	31		mg/Kg-dry	10	8/11/2017
Selenium	ND	1.0		mg/Kg-dry	10	8/11/2017
Silver	ND	1.0		mg/Kg-dry	10	8/11/2017
Sodium	410	62		mg/Kg-dry	10	8/11/2017
Thallium	ND	1.0		mg/Kg-dry	10	8/11/2017
Vanadium	37	1.0		mg/Kg-dry	10	8/11/2017
Zinc	88	5.2		mg/Kg-dry	10	8/11/2017

SPLP Metals by ICP/MS

SW1312/6020 (SW3005A)

Prep Date: 8/10/2017

Analyst: JG

Arsenic	ND	0.0040		mg/L	2	8/11/2017
Barium	0.032	0.020		mg/L	2	8/11/2017
Beryllium	ND	0.0020		mg/L	2	8/11/2017
Cadmium	ND	0.0020		mg/L	2	8/11/2017
Chromium	0.0043	0.0040		mg/L	2	8/11/2017
Cobalt	ND	0.0040		mg/L	2	8/11/2017
Copper	ND	0.040		mg/L	2	8/11/2017
Iron	2.4	0.10		mg/L	2	8/11/2017
Lead	0.0036	0.0020		mg/L	2	8/11/2017
Manganese	0.033	0.0040		mg/L	2	8/11/2017
Nickel	0.0059	0.0040		mg/L	2	8/11/2017
Selenium	ND	0.0040		mg/L	2	8/11/2017
Silver	ND	0.0040		mg/L	2	8/11/2017
Zinc	ND	0.020		mg/L	2	8/11/2017

TCLP Metals by ICP/MS

SW1311/6020 (SW3005A)

Prep Date: 8/10/2017

Analyst: JG

Arsenic	0.010	0.010		mg/L	5	8/10/2017
Barium	1.4	0.050		mg/L	5	8/10/2017
Beryllium	ND	0.0050		mg/L	5	8/11/2017
Cadmium	ND	0.0050		mg/L	5	8/10/2017

Qualifiers:

ND - Not Detected at the Reporting Limit

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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

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Report Date: August 17, 2017

Print Date: August 17, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-13-04 (5-9)

Work Order: 17080266 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL

Collection Date: 8/8/2017 10:50:00 AM

Lab ID: 17080266-008B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
TCLP Metals by ICP/MS	SW1311/6020 (SW3005A)		Prep Date: 8/10/2017		Analyst: JG	
Chromium	ND	0.010		mg/L	5	8/10/2017
Cobalt	0.085	0.010		mg/L	5	8/10/2017
Copper	ND	0.10		mg/L	5	8/10/2017
Iron	0.35	0.25		mg/L	5	8/10/2017
Lead	0.028	0.0050		mg/L	5	8/10/2017
Manganese	13	0.010		mg/L	5	8/10/2017
Nickel	0.11	0.010		mg/L	5	8/10/2017
Selenium	ND	0.010		mg/L	5	8/10/2017
Silver	ND	0.010		mg/L	5	8/10/2017
Zinc	0.17	0.050		mg/L	5	8/10/2017
TCLP Mercury	SW1311/7470A		Prep Date: 8/10/2017		Analyst: LB	
Mercury	ND	0.00020		mg/L	1	8/10/2017
SPLP Mercury	SW1312/7470A		Prep Date: 8/10/2017		Analyst: LB	
Mercury	ND	0.00025		mg/L	1	8/11/2017
Mercury	SW7471A		Prep Date: 8/10/2017		Analyst: LB	
Mercury	ND	0.023		mg/Kg-dry	1	8/11/2017
pH (25 °C)	SW9045C		Prep Date: 8/10/2017		Analyst: RW	
pH	7.71			pH Units	1	8/10/2017
Percent Moisture	D2974		Prep Date: 8/9/2017		Analyst: KKA	
Percent Moisture	18.8	0.2	*	wt%	1	8/10/2017

Qualifiers:

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J - Analyte detected below quantitation limits

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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

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

Report Date: August 18, 2017

Print Date: August 18, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-15-02 (0-6)

Work Order: 17080286 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 8/7/2017 10:35:00 AM

Lab ID: 17080286-012A

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS		SW5035/8260B			Prep Date: 8/9/2017	Analyst: RRS
Acetone	ND	0.072		mg/Kg-dry	1	8/15/2017
Benzene	ND	0.0048		mg/Kg-dry	1	8/15/2017
Bromodichloromethane	ND	0.0048		mg/Kg-dry	1	8/15/2017
Bromoform	ND	0.0048		mg/Kg-dry	1	8/15/2017
Bromomethane	ND	0.0096		mg/Kg-dry	1	8/15/2017
2-Butanone	ND	0.072		mg/Kg-dry	1	8/15/2017
Carbon disulfide	ND	0.048		mg/Kg-dry	1	8/15/2017
Carbon tetrachloride	ND	0.0048		mg/Kg-dry	1	8/15/2017
Chlorobenzene	ND	0.0048		mg/Kg-dry	1	8/15/2017
Chloroethane	ND	0.0096		mg/Kg-dry	1	8/15/2017
Chloroform	ND	0.0048		mg/Kg-dry	1	8/15/2017
Chloromethane	ND	0.0096		mg/Kg-dry	1	8/15/2017
Dibromochloromethane	ND	0.0048		mg/Kg-dry	1	8/15/2017
1,1-Dichloroethane	ND	0.0048		mg/Kg-dry	1	8/15/2017
1,2-Dichloroethane	ND	0.0048		mg/Kg-dry	1	8/15/2017
1,1-Dichloroethene	ND	0.0048		mg/Kg-dry	1	8/15/2017
cis-1,2-Dichloroethene	ND	0.0048		mg/Kg-dry	1	8/15/2017
trans-1,2-Dichloroethene	ND	0.0048		mg/Kg-dry	1	8/15/2017
1,2-Dichloropropane	ND	0.0048		mg/Kg-dry	1	8/15/2017
cis-1,3-Dichloropropene	ND	0.0019		mg/Kg-dry	1	8/15/2017
trans-1,3-Dichloropropene	ND	0.0019		mg/Kg-dry	1	8/15/2017
Ethylbenzene	ND	0.0048		mg/Kg-dry	1	8/15/2017
2-Hexanone	ND	0.019		mg/Kg-dry	1	8/15/2017
4-Methyl-2-pentanone	ND	0.019		mg/Kg-dry	1	8/15/2017
Methylene chloride	ND	0.0096		mg/Kg-dry	1	8/15/2017
Methyl tert-butyl ether	ND	0.0048		mg/Kg-dry	1	8/15/2017
Styrene	ND	0.0048		mg/Kg-dry	1	8/15/2017
1,1,2,2-Tetrachloroethane	ND	0.0048		mg/Kg-dry	1	8/15/2017
Tetrachloroethene	ND	0.0048		mg/Kg-dry	1	8/15/2017
Toluene	ND	0.0048		mg/Kg-dry	1	8/15/2017
1,1,1-Trichloroethane	ND	0.0048		mg/Kg-dry	1	8/15/2017
1,1,2-Trichloroethane	ND	0.0048		mg/Kg-dry	1	8/15/2017
Trichloroethene	ND	0.0048		mg/Kg-dry	1	8/15/2017
Vinyl chloride	ND	0.0048		mg/Kg-dry	1	8/15/2017
Xylenes, Total	ND	0.014		mg/Kg-dry	1	8/15/2017

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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Report Date: August 18, 2017

Print Date: August 18, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-15-02 (0-6)

Work Order: 17080286 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 8/7/2017 10:35:00 AM

Lab ID: 17080286-012B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS		SW8270C (SW3550B)		Prep Date: 8/10/2017		Analyst: MEP
Acenaphthene	ND	0.039		mg/Kg-dry	1	8/13/2017
Acenaphthylene	ND	0.039		mg/Kg-dry	1	8/13/2017
Aniline	ND	0.39		mg/Kg-dry	1	8/13/2017
Anthracene	ND	0.039		mg/Kg-dry	1	8/13/2017
Benz(a)anthracene	ND	0.039		mg/Kg-dry	1	8/13/2017
Benzidine	ND	0.39		mg/Kg-dry	1	8/13/2017
Benzo(a)pyrene	ND	0.039		mg/Kg-dry	1	8/13/2017
Benzo(b)fluoranthene	ND	0.039		mg/Kg-dry	1	8/13/2017
Benzo(g,h,i)perylene	ND	0.039		mg/Kg-dry	1	8/13/2017
Benzo(k)fluoranthene	ND	0.039		mg/Kg-dry	1	8/13/2017
Benzoic acid	ND	0.98		mg/Kg-dry	1	8/13/2017
Benzyl alcohol	ND	0.20		mg/Kg-dry	1	8/13/2017
Bis(2-chloroethoxy)methane	ND	0.20		mg/Kg-dry	1	8/13/2017
Bis(2-chloroethyl)ether	ND	0.20		mg/Kg-dry	1	8/13/2017
Bis(2-ethylhexyl)phthalate	ND	0.98		mg/Kg-dry	1	8/13/2017
4-Bromophenyl phenyl ether	ND	0.20		mg/Kg-dry	1	8/13/2017
Butyl benzyl phthalate	ND	0.20		mg/Kg-dry	1	8/13/2017
Carbazole	ND	0.20		mg/Kg-dry	1	8/13/2017
4-Chloroaniline	ND	0.20		mg/Kg-dry	1	8/13/2017
4-Chloro-3-methylphenol	ND	0.39		mg/Kg-dry	1	8/13/2017
2-Chloronaphthalene	ND	0.20		mg/Kg-dry	1	8/13/2017
2-Chlorophenol	ND	0.20		mg/Kg-dry	1	8/13/2017
4-Chlorophenyl phenyl ether	ND	0.20		mg/Kg-dry	1	8/13/2017
Chrysene	ND	0.039		mg/Kg-dry	1	8/13/2017
Dibenz(a,h)anthracene	ND	0.039		mg/Kg-dry	1	8/13/2017
Dibenzofuran	ND	0.20		mg/Kg-dry	1	8/13/2017
1,2-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	8/13/2017
1,3-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	8/13/2017
1,4-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	8/13/2017
3,3'-Dichlorobenzidine	ND	0.20		mg/Kg-dry	1	8/13/2017
2,4-Dichlorophenol	ND	0.20		mg/Kg-dry	1	8/13/2017
Diethyl phthalate	ND	0.20		mg/Kg-dry	1	8/13/2017
2,4-Dimethylphenol	ND	0.20		mg/Kg-dry	1	8/13/2017
Dimethyl phthalate	ND	0.20		mg/Kg-dry	1	8/13/2017
4,6-Dinitro-2-methylphenol	ND	0.39		mg/Kg-dry	1	8/13/2017
2,4-Dinitrophenol	ND	0.98		mg/Kg-dry	1	8/13/2017
2,4-Dinitrotoluene	ND	0.039		mg/Kg-dry	1	8/13/2017
2,6-Dinitrotoluene	ND	0.039		mg/Kg-dry	1	8/13/2017

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

HT - Sample received past holding time

* - Non-accredited parameter

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E - Value above quantitation range

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Report Date: August 18, 2017

Print Date: August 18, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-15-02 (0-6)

Work Order: 17080286 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL

Collection Date: 8/7/2017 10:35:00 AM

Lab ID: 17080286-012B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS						
	SW8270C (SW3550B)					Prep Date: 8/10/2017 Analyst: MEP
Di-n-butyl phthalate	ND	0.20		mg/Kg-dry	1	8/13/2017
Di-n-octyl phthalate	ND	0.20		mg/Kg-dry	1	8/13/2017
Fluoranthene	ND	0.039		mg/Kg-dry	1	8/13/2017
Fluorene	ND	0.039		mg/Kg-dry	1	8/13/2017
Hexachlorobenzene	ND	0.20		mg/Kg-dry	1	8/13/2017
Hexachlorobutadiene	ND	0.20		mg/Kg-dry	1	8/13/2017
Hexachlorocyclopentadiene	ND	0.20		mg/Kg-dry	1	8/13/2017
Hexachloroethane	ND	0.20		mg/Kg-dry	1	8/13/2017
Indeno(1,2,3-cd)pyrene	ND	0.039		mg/Kg-dry	1	8/13/2017
Isophorone	ND	0.20		mg/Kg-dry	1	8/13/2017
2-Methylnaphthalene	ND	0.20		mg/Kg-dry	1	8/13/2017
2-Methylphenol	ND	0.20		mg/Kg-dry	1	8/13/2017
4-Methylphenol	ND	0.20		mg/Kg-dry	1	8/13/2017
Naphthalene	ND	0.039		mg/Kg-dry	1	8/13/2017
2-Nitroaniline	ND	0.20		mg/Kg-dry	1	8/13/2017
3-Nitroaniline	ND	0.20		mg/Kg-dry	1	8/13/2017
4-Nitroaniline	ND	0.20		mg/Kg-dry	1	8/13/2017
2-Nitrophenol	ND	0.20		mg/Kg-dry	1	8/13/2017
4-Nitrophenol	ND	0.39		mg/Kg-dry	1	8/13/2017
Nitrobenzene	ND	0.039		mg/Kg-dry	1	8/13/2017
N-Nitrosodi-n-propylamine	ND	0.039		mg/Kg-dry	1	8/13/2017
N-Nitrosodimethylamine	ND	0.20		mg/Kg-dry	1	8/13/2017
N-Nitrosodiphenylamine	ND	0.20		mg/Kg-dry	1	8/13/2017
2, 2'-oxybis(1-Chloropropane)	ND	0.20		mg/Kg-dry	1	8/13/2017
Pentachlorophenol	ND	0.079		mg/Kg-dry	1	8/13/2017
Phenanthrene	ND	0.039		mg/Kg-dry	1	8/13/2017
Phenol	ND	0.20		mg/Kg-dry	1	8/13/2017
Pyrene	ND	0.039		mg/Kg-dry	1	8/13/2017
Pyridine	ND	0.79		mg/Kg-dry	1	8/13/2017
1,2,4-Trichlorobenzene	ND	0.20		mg/Kg-dry	1	8/13/2017
2,4,5-Trichlorophenol	ND	0.20		mg/Kg-dry	1	8/13/2017
2,4,6-Trichlorophenol	ND	0.20		mg/Kg-dry	1	8/13/2017
Metals by ICP/MS						
	SW6020 (SW3050B)					Prep Date: 8/10/2017 Analyst: JG
Aluminum	11000	20		mg/Kg-dry	10	8/13/2017
Antimony	ND	2.0		mg/Kg-dry	10	8/13/2017
Arsenic	7.5	0.99		mg/Kg-dry	10	8/13/2017
Barium	120	0.99		mg/Kg-dry	10	8/13/2017
Beryllium	0.61	0.50		mg/Kg-dry	10	8/13/2017

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Report Date: August 18, 2017

Print Date: August 18, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-15-02 (0-6)

Work Order: 17080286 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL

Collection Date: 8/7/2017 10:35:00 AM

Lab ID: 17080286-012B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed

Metals by ICP/MS

SW6020 (SW3050B)

Prep Date: 8/10/2017

Analyst: JG

Cadmium	ND	0.50		mg/Kg-dry	10	8/13/2017
Calcium	33000	59		mg/Kg-dry	10	8/13/2017
Chromium	16	0.99		mg/Kg-dry	10	8/13/2017
Cobalt	9.8	0.99		mg/Kg-dry	10	8/13/2017
Copper	19	2.5		mg/Kg-dry	10	8/13/2017
Iron	19000	30		mg/Kg-dry	10	8/13/2017
Lead	18	0.50		mg/Kg-dry	10	8/13/2017
Magnesium	18000	30		mg/Kg-dry	10	8/13/2017
Manganese	630	0.99		mg/Kg-dry	10	8/13/2017
Nickel	22	0.99		mg/Kg-dry	10	8/13/2017
Potassium	970	30		mg/Kg-dry	10	8/13/2017
Selenium	ND	0.99		mg/Kg-dry	10	8/13/2017
Silver	ND	0.99		mg/Kg-dry	10	8/13/2017
Sodium	670	59		mg/Kg-dry	10	8/13/2017
Thallium	ND	0.99		mg/Kg-dry	10	8/13/2017
Vanadium	25	0.99		mg/Kg-dry	10	8/13/2017
Zinc	57	5.0		mg/Kg-dry	10	8/13/2017

SPLP Metals by ICP/MS

SW1312/6020 (SW3005A)

Prep Date: 8/12/2017

Analyst: JG

Arsenic	ND	0.0040		mg/L	2	8/16/2017
Barium	0.020	0.020		mg/L	2	8/16/2017
Beryllium	ND	0.0020		mg/L	2	8/16/2017
Cadmium	ND	0.0020		mg/L	2	8/16/2017
Chromium	0.0067	0.0040		mg/L	2	8/16/2017
Cobalt	ND	0.0040		mg/L	2	8/16/2017
Copper	ND	0.040		mg/L	2	8/16/2017
Iron	4.5	0.10		mg/L	2	8/16/2017
Lead	0.0020	0.0020		mg/L	2	8/16/2017
Manganese	0.027	0.0040		mg/L	2	8/16/2017
Nickel	ND	0.0040		mg/L	2	8/16/2017
Selenium	ND	0.0040		mg/L	2	8/16/2017
Silver	ND	0.0040		mg/L	2	8/16/2017
Zinc	0.046	0.020		mg/L	2	8/16/2017

TCLP Metals by ICP/MS

SW1311/6020 (SW3005A)

Prep Date: 8/16/2017

Analyst: JG

Arsenic	ND	0.010		mg/L	5	8/17/2017
Barium	0.77	0.050		mg/L	5	8/17/2017
Beryllium	ND	0.0050		mg/L	5	8/17/2017
Cadmium	ND	0.0050		mg/L	5	8/17/2017

Qualifiers:

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ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-15-02 (0-6)

Work Order: 17080286 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 8/7/2017 10:35:00 AM

Lab ID: 17080286-012B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
TCLP Metals by ICP/MS	SW1311/6020 (SW3005A)		Prep Date: 8/16/2017		Analyst: JG	
Chromium	ND	0.010		mg/L	5	8/17/2017
Cobalt	ND	0.010		mg/L	5	8/17/2017
Copper	ND	0.10		mg/L	5	8/17/2017
Iron	ND	0.25		mg/L	5	8/17/2017
Lead	ND	0.0050		mg/L	5	8/17/2017
Manganese	0.26	0.010		mg/L	5	8/17/2017
Nickel	ND	0.010		mg/L	5	8/17/2017
Selenium	ND	0.010		mg/L	5	8/17/2017
Silver	ND	0.010		mg/L	5	8/17/2017
Zinc	ND	0.050		mg/L	5	8/17/2017
TCLP Mercury	SW1311/7470A		Prep Date: 8/16/2017		Analyst: LB	
Mercury	ND	0.00020		mg/L	1	8/16/2017
SPLP Mercury	SW1312/7470A		Prep Date: 8/14/2017		Analyst: LB	
Mercury	ND	0.00025		mg/L	1	8/14/2017
Mercury	SW7471A		Prep Date: 8/11/2017		Analyst: LB	
Mercury	0.026	0.022		mg/Kg-dry	1	8/11/2017
pH (25 °C)	SW9045C		Prep Date: 8/14/2017		Analyst: RW	
pH	8.59			pH Units	1	8/14/2017
Percent Moisture	D2974		Prep Date: 8/10/2017		Analyst: KKA	
Percent Moisture	15.2	0.2	*	wt%	1	8/11/2017

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Report Date: August 18, 2017

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ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-15-02 (6-12)

Work Order: 17080286 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 8/7/2017 10:38:00 AM

Lab ID: 17080286-013A

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS		SW5035/8260B		Prep Date: 8/9/2017		Analyst: RRS
Acetone	ND	0.081		mg/Kg-dry	1	8/15/2017
Benzene	ND	0.0054		mg/Kg-dry	1	8/15/2017
Bromodichloromethane	ND	0.0054		mg/Kg-dry	1	8/15/2017
Bromoform	ND	0.0054		mg/Kg-dry	1	8/15/2017
Bromomethane	ND	0.011		mg/Kg-dry	1	8/15/2017
2-Butanone	ND	0.081		mg/Kg-dry	1	8/15/2017
Carbon disulfide	ND	0.054		mg/Kg-dry	1	8/15/2017
Carbon tetrachloride	ND	0.0054		mg/Kg-dry	1	8/15/2017
Chlorobenzene	ND	0.0054		mg/Kg-dry	1	8/15/2017
Chloroethane	ND	0.011		mg/Kg-dry	1	8/15/2017
Chloroform	ND	0.0054		mg/Kg-dry	1	8/15/2017
Chloromethane	ND	0.011		mg/Kg-dry	1	8/15/2017
Dibromochloromethane	ND	0.0054		mg/Kg-dry	1	8/15/2017
1,1-Dichloroethane	ND	0.0054		mg/Kg-dry	1	8/15/2017
1,2-Dichloroethane	ND	0.0054		mg/Kg-dry	1	8/15/2017
1,1-Dichloroethene	ND	0.0054		mg/Kg-dry	1	8/15/2017
cis-1,2-Dichloroethene	ND	0.0054		mg/Kg-dry	1	8/15/2017
trans-1,2-Dichloroethene	ND	0.0054		mg/Kg-dry	1	8/15/2017
1,2-Dichloropropane	ND	0.0054		mg/Kg-dry	1	8/15/2017
cis-1,3-Dichloropropene	ND	0.0022		mg/Kg-dry	1	8/15/2017
trans-1,3-Dichloropropene	ND	0.0022		mg/Kg-dry	1	8/15/2017
Ethylbenzene	ND	0.0054		mg/Kg-dry	1	8/15/2017
2-Hexanone	ND	0.022		mg/Kg-dry	1	8/15/2017
4-Methyl-2-pentanone	ND	0.022		mg/Kg-dry	1	8/15/2017
Methylene chloride	ND	0.011		mg/Kg-dry	1	8/15/2017
Methyl tert-butyl ether	ND	0.0054		mg/Kg-dry	1	8/15/2017
Styrene	ND	0.0054		mg/Kg-dry	1	8/15/2017
1,1,2,2-Tetrachloroethane	ND	0.0054		mg/Kg-dry	1	8/15/2017
Tetrachloroethene	ND	0.0054		mg/Kg-dry	1	8/15/2017
Toluene	ND	0.0054		mg/Kg-dry	1	8/15/2017
1,1,1-Trichloroethane	ND	0.0054		mg/Kg-dry	1	8/15/2017
1,1,2-Trichloroethane	ND	0.0054		mg/Kg-dry	1	8/15/2017
Trichloroethene	ND	0.0054		mg/Kg-dry	1	8/15/2017
Vinyl chloride	ND	0.0054		mg/Kg-dry	1	8/15/2017
Xylenes, Total	ND	0.016		mg/Kg-dry	1	8/15/2017

Qualifiers:

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J - Analyte detected below quantitation limits

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ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-15-02 (6-12)

Work Order: 17080286 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL

Collection Date: 8/7/2017 10:38:00 AM

Lab ID: 17080286-013B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS		SW8270C (SW3550B)			Prep Date: 8/10/2017	Analyst: MEP
Acenaphthene	ND	0.040		mg/Kg-dry	1	8/13/2017
Acenaphthylene	ND	0.040		mg/Kg-dry	1	8/13/2017
Aniline	ND	0.41		mg/Kg-dry	1	8/13/2017
Anthracene	ND	0.040		mg/Kg-dry	1	8/13/2017
Benz(a)anthracene	ND	0.040		mg/Kg-dry	1	8/13/2017
Benzidine	ND	0.40		mg/Kg-dry	1	8/13/2017
Benzo(a)pyrene	ND	0.040		mg/Kg-dry	1	8/13/2017
Benzo(b)fluoranthene	ND	0.040		mg/Kg-dry	1	8/13/2017
Benzo(g,h,i)perylene	ND	0.040		mg/Kg-dry	1	8/13/2017
Benzo(k)fluoranthene	ND	0.040		mg/Kg-dry	1	8/13/2017
Benzoic acid	ND	1.0		mg/Kg-dry	1	8/13/2017
Benzyl alcohol	ND	0.21		mg/Kg-dry	1	8/13/2017
Bis(2-chloroethoxy)methane	ND	0.21		mg/Kg-dry	1	8/13/2017
Bis(2-chloroethyl)ether	ND	0.21		mg/Kg-dry	1	8/13/2017
Bis(2-ethylhexyl)phthalate	ND	1.0		mg/Kg-dry	1	8/13/2017
4-Bromophenyl phenyl ether	ND	0.21		mg/Kg-dry	1	8/13/2017
Butyl benzyl phthalate	ND	0.21		mg/Kg-dry	1	8/13/2017
Carbazole	ND	0.21		mg/Kg-dry	1	8/13/2017
4-Chloroaniline	ND	0.21		mg/Kg-dry	1	8/13/2017
4-Chloro-3-methylphenol	ND	0.40		mg/Kg-dry	1	8/13/2017
2-Chloronaphthalene	ND	0.21		mg/Kg-dry	1	8/13/2017
2-Chlorophenol	ND	0.21		mg/Kg-dry	1	8/13/2017
4-Chlorophenyl phenyl ether	ND	0.21		mg/Kg-dry	1	8/13/2017
Chrysene	ND	0.040		mg/Kg-dry	1	8/13/2017
Dibenz(a,h)anthracene	ND	0.040		mg/Kg-dry	1	8/13/2017
Dibenzofuran	ND	0.21		mg/Kg-dry	1	8/13/2017
1,2-Dichlorobenzene	ND	0.21		mg/Kg-dry	1	8/13/2017
1,3-Dichlorobenzene	ND	0.21		mg/Kg-dry	1	8/13/2017
1,4-Dichlorobenzene	ND	0.21		mg/Kg-dry	1	8/13/2017
3,3'-Dichlorobenzidine	ND	0.21		mg/Kg-dry	1	8/13/2017
2,4-Dichlorophenol	ND	0.21		mg/Kg-dry	1	8/13/2017
Diethyl phthalate	ND	0.21		mg/Kg-dry	1	8/13/2017
2,4-Dimethylphenol	ND	0.21		mg/Kg-dry	1	8/13/2017
Dimethyl phthalate	ND	0.21		mg/Kg-dry	1	8/13/2017
4,6-Dinitro-2-methylphenol	ND	0.40		mg/Kg-dry	1	8/13/2017
2,4-Dinitrophenol	ND	1.0		mg/Kg-dry	1	8/13/2017
2,4-Dinitrotoluene	ND	0.040		mg/Kg-dry	1	8/13/2017
2,6-Dinitrotoluene	ND	0.040		mg/Kg-dry	1	8/13/2017

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

Report Date: August 18, 2017

Print Date: August 18, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-15-02 (6-12)

Work Order: 17080286 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL

Collection Date: 8/7/2017 10:38:00 AM

Lab ID: 17080286-013B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS						
	SW8270C (SW3550B)				Prep Date: 8/10/2017	Analyst: MEP
Di-n-butyl phthalate	ND	0.21		mg/Kg-dry	1	8/13/2017
Di-n-octyl phthalate	ND	0.21		mg/Kg-dry	1	8/13/2017
Fluoranthene	ND	0.040		mg/Kg-dry	1	8/13/2017
Fluorene	ND	0.040		mg/Kg-dry	1	8/13/2017
Hexachlorobenzene	ND	0.21		mg/Kg-dry	1	8/13/2017
Hexachlorobutadiene	ND	0.21		mg/Kg-dry	1	8/13/2017
Hexachlorocyclopentadiene	ND	0.21		mg/Kg-dry	1	8/13/2017
Hexachloroethane	ND	0.21		mg/Kg-dry	1	8/13/2017
Indeno(1,2,3-cd)pyrene	ND	0.040		mg/Kg-dry	1	8/13/2017
Isophorone	ND	0.21		mg/Kg-dry	1	8/13/2017
2-Methylnaphthalene	ND	0.21		mg/Kg-dry	1	8/13/2017
2-Methylphenol	ND	0.21		mg/Kg-dry	1	8/13/2017
4-Methylphenol	ND	0.21		mg/Kg-dry	1	8/13/2017
Naphthalene	ND	0.040		mg/Kg-dry	1	8/13/2017
2-Nitroaniline	ND	0.21		mg/Kg-dry	1	8/13/2017
3-Nitroaniline	ND	0.21		mg/Kg-dry	1	8/13/2017
4-Nitroaniline	ND	0.21		mg/Kg-dry	1	8/13/2017
2-Nitrophenol	ND	0.21		mg/Kg-dry	1	8/13/2017
4-Nitrophenol	ND	0.40		mg/Kg-dry	1	8/13/2017
Nitrobenzene	ND	0.040		mg/Kg-dry	1	8/13/2017
N-Nitrosodi-n-propylamine	ND	0.040		mg/Kg-dry	1	8/13/2017
N-Nitrosodimethylamine	ND	0.21		mg/Kg-dry	1	8/13/2017
N-Nitrosodiphenylamine	ND	0.21		mg/Kg-dry	1	8/13/2017
2, 2'-oxybis(1-Chloropropane)	ND	0.21		mg/Kg-dry	1	8/13/2017
Pentachlorophenol	ND	0.082		mg/Kg-dry	1	8/13/2017
Phenanthrene	ND	0.040		mg/Kg-dry	1	8/13/2017
Phenol	ND	0.21		mg/Kg-dry	1	8/13/2017
Pyrene	ND	0.040		mg/Kg-dry	1	8/13/2017
Pyridine	ND	0.82		mg/Kg-dry	1	8/13/2017
1,2,4-Trichlorobenzene	ND	0.21		mg/Kg-dry	1	8/13/2017
2,4,5-Trichlorophenol	ND	0.21		mg/Kg-dry	1	8/13/2017
2,4,6-Trichlorophenol	ND	0.21		mg/Kg-dry	1	8/13/2017
Metals by ICP/MS						
	SW6020 (SW3050B)				Prep Date: 8/10/2017	Analyst: JG
Aluminum	9600	21		mg/Kg-dry	10	8/13/2017
Antimony	4.4	2.1		mg/Kg-dry	10	8/13/2017
Arsenic	11	1.1		mg/Kg-dry	10	8/13/2017
Barium	82	1.1		mg/Kg-dry	10	8/13/2017
Beryllium	0.58	0.53		mg/Kg-dry	10	8/13/2017

Qualifiers:

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S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

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

Report Date: August 18, 2017

Print Date: August 18, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-15-02 (6-12)

Work Order: 17080286 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 8/7/2017 10:38:00 AM

Lab ID: 17080286-013B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed

Metals by ICP/MS

SW6020 (SW3050B)

Prep Date: 8/10/2017

Analyst: JG

Cadmium	ND	0.53		mg/Kg-dry	10	8/13/2017
Calcium	52000	64		mg/Kg-dry	10	8/13/2017
Chromium	18	1.1		mg/Kg-dry	10	8/13/2017
Cobalt	14	1.1		mg/Kg-dry	10	8/13/2017
Copper	25	2.7		mg/Kg-dry	10	8/13/2017
Iron	17000	32		mg/Kg-dry	10	8/13/2017
Lead	15	0.53		mg/Kg-dry	10	8/13/2017
Magnesium	25000	32		mg/Kg-dry	10	8/13/2017
Manganese	280	1.1		mg/Kg-dry	10	8/13/2017
Nickel	22	1.1		mg/Kg-dry	10	8/13/2017
Potassium	1700	32		mg/Kg-dry	10	8/13/2017
Selenium	ND	1.1		mg/Kg-dry	10	8/13/2017
Silver	ND	1.1		mg/Kg-dry	10	8/13/2017
Sodium	1000	64		mg/Kg-dry	10	8/13/2017
Thallium	ND	1.1		mg/Kg-dry	10	8/13/2017
Vanadium	27	1.1		mg/Kg-dry	10	8/13/2017
Zinc	69	5.3		mg/Kg-dry	10	8/13/2017

SPLP Metals by ICP/MS

SW1312/6020 (SW3005A)

Prep Date: 8/12/2017

Analyst: JG

Arsenic	0.0047	0.0040		mg/L	2	8/16/2017
Barium	0.034	0.020		mg/L	2	8/16/2017
Beryllium	ND	0.0020		mg/L	2	8/16/2017
Cadmium	ND	0.0020		mg/L	2	8/16/2017
Chromium	0.012	0.0040		mg/L	2	8/16/2017
Cobalt	ND	0.0040		mg/L	2	8/16/2017
Copper	ND	0.040		mg/L	2	8/16/2017
Iron	8.9	0.10		mg/L	2	8/16/2017
Lead	0.0057	0.0020		mg/L	2	8/16/2017
Manganese	0.044	0.0040		mg/L	2	8/16/2017
Nickel	0.0090	0.0040		mg/L	2	8/16/2017
Selenium	ND	0.0040		mg/L	2	8/16/2017
Silver	ND	0.0040		mg/L	2	8/16/2017
Zinc	0.068	0.020		mg/L	2	8/16/2017

TCLP Metals by ICP/MS

SW1311/6020 (SW3005A)

Prep Date: 8/16/2017

Analyst: JG

Arsenic	ND	0.010		mg/L	5	8/17/2017
Barium	0.83	0.050		mg/L	5	8/17/2017
Beryllium	ND	0.0050		mg/L	5	8/17/2017
Cadmium	0.0065	0.0050		mg/L	5	8/17/2017

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

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Report Date: August 18, 2017

Print Date: August 18, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-15-02 (6-12)

Work Order: 17080286 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL

Collection Date: 8/7/2017 10:38:00 AM

Lab ID: 17080286-013B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
TCLP Metals by ICP/MS	SW1311/6020 (SW3005A)		Prep Date: 8/16/2017		Analyst: JG	
Chromium	ND	0.010		mg/L	5	8/17/2017
Cobalt	0.035	0.010		mg/L	5	8/17/2017
Copper	ND	0.10		mg/L	5	8/17/2017
Iron	1.0	0.25		mg/L	5	8/17/2017
Lead	ND	0.0050		mg/L	5	8/17/2017
Manganese	3.3	0.010		mg/L	5	8/17/2017
Nickel	0.053	0.010		mg/L	5	8/17/2017
Selenium	ND	0.010		mg/L	5	8/17/2017
Silver	ND	0.010		mg/L	5	8/17/2017
Zinc	0.076	0.050		mg/L	5	8/17/2017
TCLP Mercury	SW1311/7470A		Prep Date: 8/16/2017		Analyst: LB	
Mercury	ND	0.00020		mg/L	1	8/16/2017
SPLP Mercury	SW1312/7470A		Prep Date: 8/14/2017		Analyst: LB	
Mercury	ND	0.00025		mg/L	1	8/14/2017
Mercury	SW7471A		Prep Date: 8/11/2017		Analyst: LB	
Mercury	0.022	0.020		mg/Kg-dry	1	8/11/2017
pH (25 °C)	SW9045C		Prep Date: 8/14/2017		Analyst: RW	
pH	8.11			pH Units	1	8/14/2017
Percent Moisture	D2974		Prep Date: 8/10/2017		Analyst: KKA	
Percent Moisture	19.7	0.2	*	wt%	1	8/11/2017

Qualifiers:

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Report Date: August 18, 2017

Print Date: August 18, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-15-02 (12-18)

Work Order: 17080286 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 8/7/2017 10:42:00 AM

Lab ID: 17080286-014A

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS		SW5035/8260B			Prep Date: 8/9/2017	Analyst: RRS
Acetone	ND	0.11		mg/Kg-dry	1	8/15/2017
Benzene	ND	0.0070		mg/Kg-dry	1	8/15/2017
Bromodichloromethane	ND	0.0070		mg/Kg-dry	1	8/15/2017
Bromoform	ND	0.0070		mg/Kg-dry	1	8/15/2017
Bromomethane	ND	0.014		mg/Kg-dry	1	8/15/2017
2-Butanone	ND	0.11		mg/Kg-dry	1	8/15/2017
Carbon disulfide	ND	0.070		mg/Kg-dry	1	8/15/2017
Carbon tetrachloride	ND	0.0070		mg/Kg-dry	1	8/15/2017
Chlorobenzene	ND	0.0070		mg/Kg-dry	1	8/15/2017
Chloroethane	ND	0.014		mg/Kg-dry	1	8/15/2017
Chloroform	ND	0.0070		mg/Kg-dry	1	8/15/2017
Chloromethane	ND	0.014		mg/Kg-dry	1	8/15/2017
Dibromochloromethane	ND	0.0070		mg/Kg-dry	1	8/15/2017
1,1-Dichloroethane	ND	0.0070		mg/Kg-dry	1	8/15/2017
1,2-Dichloroethane	ND	0.0070		mg/Kg-dry	1	8/15/2017
1,1-Dichloroethene	ND	0.0070		mg/Kg-dry	1	8/15/2017
cis-1,2-Dichloroethene	ND	0.0070		mg/Kg-dry	1	8/15/2017
trans-1,2-Dichloroethene	ND	0.0070		mg/Kg-dry	1	8/15/2017
1,2-Dichloropropane	ND	0.0070		mg/Kg-dry	1	8/15/2017
cis-1,3-Dichloropropene	ND	0.0028		mg/Kg-dry	1	8/15/2017
trans-1,3-Dichloropropene	ND	0.0028		mg/Kg-dry	1	8/15/2017
Ethylbenzene	ND	0.0070		mg/Kg-dry	1	8/15/2017
2-Hexanone	ND	0.028		mg/Kg-dry	1	8/15/2017
4-Methyl-2-pentanone	ND	0.028		mg/Kg-dry	1	8/15/2017
Methylene chloride	ND	0.014		mg/Kg-dry	1	8/15/2017
Methyl tert-butyl ether	ND	0.0070		mg/Kg-dry	1	8/15/2017
Styrene	ND	0.0070		mg/Kg-dry	1	8/15/2017
1,1,2,2-Tetrachloroethane	ND	0.0070		mg/Kg-dry	1	8/15/2017
Tetrachloroethene	ND	0.0070		mg/Kg-dry	1	8/15/2017
Toluene	ND	0.0070		mg/Kg-dry	1	8/15/2017
1,1,1-Trichloroethane	ND	0.0070		mg/Kg-dry	1	8/15/2017
1,1,2-Trichloroethane	ND	0.0070		mg/Kg-dry	1	8/15/2017
Trichloroethene	ND	0.0070		mg/Kg-dry	1	8/15/2017
Vinyl chloride	ND	0.0070		mg/Kg-dry	1	8/15/2017
Xylenes, Total	ND	0.021		mg/Kg-dry	1	8/15/2017

Qualifiers:

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Report Date: August 18, 2017

Print Date: August 18, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-15-02 (12-18)

Work Order: 17080286 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 8/7/2017 10:42:00 AM

Lab ID: 17080286-014B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS		SW8270C (SW3550B)		Prep Date: 8/10/2017		Analyst: MEP
Acenaphthene	ND	0.040		mg/Kg-dry	1	8/13/2017
Acenaphthylene	ND	0.040		mg/Kg-dry	1	8/13/2017
Aniline	ND	0.40		mg/Kg-dry	1	8/13/2017
Anthracene	ND	0.040		mg/Kg-dry	1	8/13/2017
Benz(a)anthracene	ND	0.040		mg/Kg-dry	1	8/13/2017
Benzidine	ND	0.40		mg/Kg-dry	1	8/13/2017
Benzo(a)pyrene	ND	0.040		mg/Kg-dry	1	8/13/2017
Benzo(b)fluoranthene	ND	0.040		mg/Kg-dry	1	8/13/2017
Benzo(g,h,i)perylene	ND	0.040		mg/Kg-dry	1	8/13/2017
Benzo(k)fluoranthene	ND	0.040		mg/Kg-dry	1	8/13/2017
Benzoic acid	ND	1.0		mg/Kg-dry	1	8/13/2017
Benzyl alcohol	ND	0.21		mg/Kg-dry	1	8/13/2017
Bis(2-chloroethoxy)methane	ND	0.21		mg/Kg-dry	1	8/13/2017
Bis(2-chloroethyl)ether	ND	0.21		mg/Kg-dry	1	8/13/2017
Bis(2-ethylhexyl)phthalate	ND	1.0		mg/Kg-dry	1	8/13/2017
4-Bromophenyl phenyl ether	ND	0.21		mg/Kg-dry	1	8/13/2017
Butyl benzyl phthalate	ND	0.21		mg/Kg-dry	1	8/13/2017
Carbazole	ND	0.21		mg/Kg-dry	1	8/13/2017
4-Chloroaniline	ND	0.21		mg/Kg-dry	1	8/13/2017
4-Chloro-3-methylphenol	ND	0.40		mg/Kg-dry	1	8/13/2017
2-Chloronaphthalene	ND	0.21		mg/Kg-dry	1	8/13/2017
2-Chlorophenol	ND	0.21		mg/Kg-dry	1	8/13/2017
4-Chlorophenyl phenyl ether	ND	0.21		mg/Kg-dry	1	8/13/2017
Chrysene	ND	0.040		mg/Kg-dry	1	8/13/2017
Dibenz(a,h)anthracene	ND	0.040		mg/Kg-dry	1	8/13/2017
Dibenzofuran	ND	0.21		mg/Kg-dry	1	8/13/2017
1,2-Dichlorobenzene	ND	0.21		mg/Kg-dry	1	8/13/2017
1,3-Dichlorobenzene	ND	0.21		mg/Kg-dry	1	8/13/2017
1,4-Dichlorobenzene	ND	0.21		mg/Kg-dry	1	8/13/2017
3,3'-Dichlorobenzidine	ND	0.21		mg/Kg-dry	1	8/13/2017
2,4-Dichlorophenol	ND	0.21		mg/Kg-dry	1	8/13/2017
Diethyl phthalate	ND	0.21		mg/Kg-dry	1	8/13/2017
2,4-Dimethylphenol	ND	0.21		mg/Kg-dry	1	8/13/2017
Dimethyl phthalate	ND	0.21		mg/Kg-dry	1	8/13/2017
4,6-Dinitro-2-methylphenol	ND	0.40		mg/Kg-dry	1	8/13/2017
2,4-Dinitrophenol	ND	1.0		mg/Kg-dry	1	8/13/2017
2,4-Dinitrotoluene	ND	0.040		mg/Kg-dry	1	8/13/2017
2,6-Dinitrotoluene	ND	0.040		mg/Kg-dry	1	8/13/2017

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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Report Date: August 18, 2017

Print Date: August 18, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-15-02 (12-18)

Work Order: 17080286 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 8/7/2017 10:42:00 AM

Lab ID: 17080286-014B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS						
	SW8270C (SW3550B)					Prep Date: 8/10/2017 Analyst: MEP
Di-n-butyl phthalate	ND	0.21		mg/Kg-dry	1	8/13/2017
Di-n-octyl phthalate	ND	0.21		mg/Kg-dry	1	8/13/2017
Fluoranthene	ND	0.040		mg/Kg-dry	1	8/13/2017
Fluorene	ND	0.040		mg/Kg-dry	1	8/13/2017
Hexachlorobenzene	ND	0.21		mg/Kg-dry	1	8/13/2017
Hexachlorobutadiene	ND	0.21		mg/Kg-dry	1	8/13/2017
Hexachlorocyclopentadiene	ND	0.21		mg/Kg-dry	1	8/13/2017
Hexachloroethane	ND	0.21		mg/Kg-dry	1	8/13/2017
Indeno(1,2,3-cd)pyrene	ND	0.040		mg/Kg-dry	1	8/13/2017
Isophorone	ND	0.21		mg/Kg-dry	1	8/13/2017
2-Methylnaphthalene	ND	0.21		mg/Kg-dry	1	8/13/2017
2-Methylphenol	ND	0.21		mg/Kg-dry	1	8/13/2017
4-Methylphenol	ND	0.21		mg/Kg-dry	1	8/13/2017
Naphthalene	ND	0.040		mg/Kg-dry	1	8/13/2017
2-Nitroaniline	ND	0.21		mg/Kg-dry	1	8/13/2017
3-Nitroaniline	ND	0.21		mg/Kg-dry	1	8/13/2017
4-Nitroaniline	ND	0.21		mg/Kg-dry	1	8/13/2017
2-Nitrophenol	ND	0.21		mg/Kg-dry	1	8/13/2017
4-Nitrophenol	ND	0.40		mg/Kg-dry	1	8/13/2017
Nitrobenzene	ND	0.040		mg/Kg-dry	1	8/13/2017
N-Nitrosodi-n-propylamine	ND	0.040		mg/Kg-dry	1	8/13/2017
N-Nitrosodimethylamine	ND	0.21		mg/Kg-dry	1	8/13/2017
N-Nitrosodiphenylamine	ND	0.21		mg/Kg-dry	1	8/13/2017
2, 2'-oxybis(1-Chloropropane)	ND	0.21		mg/Kg-dry	1	8/13/2017
Pentachlorophenol	ND	0.081		mg/Kg-dry	1	8/13/2017
Phenanthrene	ND	0.040		mg/Kg-dry	1	8/13/2017
Phenol	ND	0.21		mg/Kg-dry	1	8/13/2017
Pyrene	ND	0.040		mg/Kg-dry	1	8/13/2017
Pyridine	ND	0.81		mg/Kg-dry	1	8/13/2017
1,2,4-Trichlorobenzene	ND	0.21		mg/Kg-dry	1	8/13/2017
2,4,5-Trichlorophenol	ND	0.21		mg/Kg-dry	1	8/13/2017
2,4,6-Trichlorophenol	ND	0.21		mg/Kg-dry	1	8/13/2017
Metals by ICP/MS						
	SW6020 (SW3050B)					Prep Date: 8/10/2017 Analyst: JG
Aluminum	9000	21		mg/Kg-dry	10	8/13/2017
Antimony	ND	2.1		mg/Kg-dry	10	8/13/2017
Arsenic	5.4	1.0		mg/Kg-dry	10	8/13/2017
Barium	74	1.0		mg/Kg-dry	10	8/13/2017
Beryllium	0.54	0.52		mg/Kg-dry	10	8/13/2017

Qualifiers:

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E - Value above quantitation range

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

Report Date: August 18, 2017

Print Date: August 18, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-15-02 (12-18)

Work Order: 17080286 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL

Collection Date: 8/7/2017 10:42:00 AM

Lab ID: 17080286-014B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed

Metals by ICP/MS

SW6020 (SW3050B)

Prep Date: 8/10/2017

Analyst: JG

Cadmium	ND	0.52		mg/Kg-dry	10	8/13/2017
Calcium	55000	62		mg/Kg-dry	10	8/13/2017
Chromium	17	1.0		mg/Kg-dry	10	8/13/2017
Cobalt	10	1.0		mg/Kg-dry	10	8/13/2017
Copper	24	2.6		mg/Kg-dry	10	8/13/2017
Iron	22000	31		mg/Kg-dry	10	8/13/2017
Lead	13	0.52		mg/Kg-dry	10	8/13/2017
Magnesium	28000	31		mg/Kg-dry	10	8/13/2017
Manganese	570	1.0		mg/Kg-dry	10	8/13/2017
Nickel	27	1.0		mg/Kg-dry	10	8/13/2017
Potassium	1900	31		mg/Kg-dry	10	8/13/2017
Selenium	ND	1.0		mg/Kg-dry	10	8/13/2017
Silver	ND	1.0		mg/Kg-dry	10	8/13/2017
Sodium	570	62		mg/Kg-dry	10	8/13/2017
Thallium	ND	1.0		mg/Kg-dry	10	8/13/2017
Vanadium	23	1.0		mg/Kg-dry	10	8/13/2017
Zinc	66	5.2		mg/Kg-dry	10	8/13/2017

SPLP Metals by ICP/MS

SW1312/6020 (SW3005A)

Prep Date: 8/12/2017

Analyst: JG

Arsenic	ND	0.0040		mg/L	2	8/16/2017
Barium	0.037	0.020		mg/L	2	8/16/2017
Beryllium	ND	0.0020		mg/L	2	8/16/2017
Cadmium	ND	0.0020		mg/L	2	8/16/2017
Chromium	ND	0.0040		mg/L	2	8/16/2017
Cobalt	ND	0.0040		mg/L	2	8/16/2017
Copper	ND	0.040		mg/L	2	8/16/2017
Iron	0.14	0.10		mg/L	2	8/16/2017
Lead	ND	0.0020		mg/L	2	8/16/2017
Manganese	0.081	0.0040		mg/L	2	8/16/2017
Nickel	ND	0.0040		mg/L	2	8/16/2017
Selenium	ND	0.0040		mg/L	2	8/16/2017
Silver	ND	0.0040		mg/L	2	8/16/2017
Zinc	0.034	0.020		mg/L	2	8/16/2017

TCLP Metals by ICP/MS

SW1311/6020 (SW3005A)

Prep Date: 8/16/2017

Analyst: JG

Arsenic	ND	0.010		mg/L	5	8/17/2017
Barium	0.83	0.050		mg/L	5	8/17/2017
Beryllium	ND	0.0050		mg/L	5	8/17/2017
Cadmium	ND	0.0050		mg/L	5	8/17/2017

Qualifiers:

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R - RPD outside accepted recovery limits

E - Value above quantitation range

H - Holding time exceeded

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Report Date: August 18, 2017

Print Date: August 18, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-15-02 (12-18)

Work Order: 17080286 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL

Collection Date: 8/7/2017 10:42:00 AM

Lab ID: 17080286-014B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
TCLP Metals by ICP/MS	SW1311/6020 (SW3005A)					Prep Date: 8/16/2017 Analyst: JG
Chromium	ND	0.010		mg/L	5	8/17/2017
Cobalt	0.068	0.010		mg/L	5	8/17/2017
Copper	ND	0.10		mg/L	5	8/17/2017
Iron	0.57	0.25		mg/L	5	8/17/2017
Lead	ND	0.0050		mg/L	5	8/17/2017
Manganese	5.2	0.010		mg/L	5	8/17/2017
Nickel	0.18	0.010		mg/L	5	8/17/2017
Selenium	ND	0.010		mg/L	5	8/17/2017
Silver	ND	0.010		mg/L	5	8/17/2017
Zinc	0.20	0.050		mg/L	5	8/17/2017
TCLP Mercury	SW1311/7470A					Prep Date: 8/16/2017 Analyst: LB
Mercury	ND	0.00020		mg/L	1	8/16/2017
SPLP Mercury	SW1312/7470A					Prep Date: 8/14/2017 Analyst: LB
Mercury	ND	0.00025		mg/L	1	8/14/2017
Mercury	SW7471A					Prep Date: 8/11/2017 Analyst: LB
Mercury	ND	0.023		mg/Kg-dry	1	8/11/2017
pH (25 °C)	SW9045C					Prep Date: 8/14/2017 Analyst: RW
pH	7.45			pH Units	1	8/14/2017
Percent Moisture	D2974					Prep Date: 8/10/2017 Analyst: KKA
Percent Moisture	19.0	0.2	*	wt%	1	8/11/2017

Qualifiers:

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Report Date: August 17, 2017

Print Date: August 17, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-16-02 (0-5)

Work Order: 17080266 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 8/8/2017 10:30:00 AM

Lab ID: 17080266-011A

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS		SW5035/8260B		Prep Date: 8/8/2017		Analyst: ERP
Acetone	ND	0.084		mg/Kg-dry	1	8/14/2017
Benzene	ND	0.0056		mg/Kg-dry	1	8/14/2017
Bromodichloromethane	ND	0.0056		mg/Kg-dry	1	8/14/2017
Bromoform	ND	0.0056		mg/Kg-dry	1	8/14/2017
Bromomethane	ND	0.011		mg/Kg-dry	1	8/14/2017
2-Butanone	ND	0.084		mg/Kg-dry	1	8/14/2017
Carbon disulfide	ND	0.056		mg/Kg-dry	1	8/14/2017
Carbon tetrachloride	ND	0.0056		mg/Kg-dry	1	8/14/2017
Chlorobenzene	ND	0.0056		mg/Kg-dry	1	8/14/2017
Chloroethane	ND	0.011		mg/Kg-dry	1	8/14/2017
Chloroform	ND	0.0056		mg/Kg-dry	1	8/14/2017
Chloromethane	ND	0.011		mg/Kg-dry	1	8/14/2017
Dibromochloromethane	ND	0.0056		mg/Kg-dry	1	8/14/2017
1,1-Dichloroethane	ND	0.0056		mg/Kg-dry	1	8/14/2017
1,2-Dichloroethane	ND	0.0056		mg/Kg-dry	1	8/14/2017
1,1-Dichloroethene	ND	0.0056		mg/Kg-dry	1	8/14/2017
cis-1,2-Dichloroethene	ND	0.0056		mg/Kg-dry	1	8/14/2017
trans-1,2-Dichloroethene	ND	0.0056		mg/Kg-dry	1	8/14/2017
1,2-Dichloropropane	ND	0.0056		mg/Kg-dry	1	8/14/2017
cis-1,3-Dichloropropene	ND	0.0022		mg/Kg-dry	1	8/14/2017
trans-1,3-Dichloropropene	ND	0.0022		mg/Kg-dry	1	8/14/2017
Ethylbenzene	ND	0.0056		mg/Kg-dry	1	8/14/2017
2-Hexanone	ND	0.022		mg/Kg-dry	1	8/14/2017
4-Methyl-2-pentanone	ND	0.022		mg/Kg-dry	1	8/14/2017
Methylene chloride	ND	0.011		mg/Kg-dry	1	8/14/2017
Methyl tert-butyl ether	ND	0.0056		mg/Kg-dry	1	8/14/2017
Styrene	ND	0.0056		mg/Kg-dry	1	8/14/2017
1,1,2,2-Tetrachloroethane	ND	0.0056		mg/Kg-dry	1	8/14/2017
Tetrachloroethene	ND	0.0056		mg/Kg-dry	1	8/14/2017
Toluene	ND	0.0056		mg/Kg-dry	1	8/14/2017
1,1,1-Trichloroethane	ND	0.0056		mg/Kg-dry	1	8/14/2017
1,1,2-Trichloroethane	ND	0.0056		mg/Kg-dry	1	8/14/2017
Trichloroethene	ND	0.0056		mg/Kg-dry	1	8/14/2017
Vinyl chloride	ND	0.0056		mg/Kg-dry	1	8/14/2017
Xylenes, Total	ND	0.017		mg/Kg-dry	1	8/14/2017

Qualifiers:

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Report Date: August 17, 2017

Print Date: August 17, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-16-02 (0-5)

Work Order: 17080266 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 8/8/2017 10:30:00 AM

Lab ID: 17080266-011B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS		SW8270C (SW3550B)			Prep Date: 8/9/2017	Analyst: DM
Acenaphthene	ND	0.042		mg/Kg-dry	1	8/11/2017
Acenaphthylene	ND	0.042		mg/Kg-dry	1	8/11/2017
Aniline	ND	0.42		mg/Kg-dry	1	8/11/2017
Anthracene	ND	0.042		mg/Kg-dry	1	8/11/2017
Benz(a)anthracene	ND	0.042		mg/Kg-dry	1	8/11/2017
Benzidine	ND	0.42		mg/Kg-dry	1	8/11/2017
Benzo(a)pyrene	ND	0.042		mg/Kg-dry	1	8/11/2017
Benzo(b)fluoranthene	ND	0.042		mg/Kg-dry	1	8/11/2017
Benzo(g,h,i)perylene	ND	0.042		mg/Kg-dry	1	8/11/2017
Benzo(k)fluoranthene	ND	0.042		mg/Kg-dry	1	8/11/2017
Benzoic acid	ND	1.1		mg/Kg-dry	1	8/11/2017
Benzyl alcohol	ND	0.22		mg/Kg-dry	1	8/11/2017
Bis(2-chloroethoxy)methane	ND	0.22		mg/Kg-dry	1	8/11/2017
Bis(2-chloroethyl)ether	ND	0.22		mg/Kg-dry	1	8/11/2017
Bis(2-ethylhexyl)phthalate	ND	1.1		mg/Kg-dry	1	8/11/2017
4-Bromophenyl phenyl ether	ND	0.22		mg/Kg-dry	1	8/11/2017
Butyl benzyl phthalate	ND	0.22		mg/Kg-dry	1	8/11/2017
Carbazole	ND	0.22		mg/Kg-dry	1	8/11/2017
4-Chloroaniline	ND	0.22		mg/Kg-dry	1	8/11/2017
4-Chloro-3-methylphenol	ND	0.42		mg/Kg-dry	1	8/11/2017
2-Chloronaphthalene	ND	0.22		mg/Kg-dry	1	8/11/2017
2-Chlorophenol	ND	0.22		mg/Kg-dry	1	8/11/2017
4-Chlorophenyl phenyl ether	ND	0.22		mg/Kg-dry	1	8/11/2017
Chrysene	ND	0.042		mg/Kg-dry	1	8/11/2017
Dibenz(a,h)anthracene	ND	0.042		mg/Kg-dry	1	8/11/2017
Dibenzofuran	ND	0.22		mg/Kg-dry	1	8/11/2017
1,2-Dichlorobenzene	ND	0.22		mg/Kg-dry	1	8/11/2017
1,3-Dichlorobenzene	ND	0.22		mg/Kg-dry	1	8/11/2017
1,4-Dichlorobenzene	ND	0.22		mg/Kg-dry	1	8/11/2017
3,3'-Dichlorobenzidine	ND	0.22		mg/Kg-dry	1	8/11/2017
2,4-Dichlorophenol	ND	0.22		mg/Kg-dry	1	8/11/2017
Diethyl phthalate	ND	0.22		mg/Kg-dry	1	8/11/2017
2,4-Dimethylphenol	ND	0.22		mg/Kg-dry	1	8/11/2017
Dimethyl phthalate	ND	0.22		mg/Kg-dry	1	8/11/2017
4,6-Dinitro-2-methylphenol	ND	0.42		mg/Kg-dry	1	8/11/2017
2,4-Dinitrophenol	ND	1.1		mg/Kg-dry	1	8/11/2017
2,4-Dinitrotoluene	ND	0.042		mg/Kg-dry	1	8/11/2017
2,6-Dinitrotoluene	ND	0.042		mg/Kg-dry	1	8/11/2017

Qualifiers:

ND - Not Detected at the Reporting Limit

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B - Analyte detected in the associated Method Blank

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Report Date: August 17, 2017

Print Date: August 17, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-16-02 (0-5)

Work Order: 17080266 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL

Collection Date: 8/8/2017 10:30:00 AM

Lab ID: 17080266-011B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed

Semivolatile Organic Compounds by GC/MS	SW8270C (SW3550B)				Prep Date: 8/9/2017	Analyst: DM

Di-n-butyl phthalate	ND	0.22		mg/Kg-dry	1	8/11/2017
Di-n-octyl phthalate	ND	0.22		mg/Kg-dry	1	8/11/2017
Fluoranthene	ND	0.042		mg/Kg-dry	1	8/11/2017
Fluorene	ND	0.042		mg/Kg-dry	1	8/11/2017
Hexachlorobenzene	ND	0.22		mg/Kg-dry	1	8/11/2017
Hexachlorobutadiene	ND	0.22		mg/Kg-dry	1	8/11/2017
Hexachlorocyclopentadiene	ND	0.22		mg/Kg-dry	1	8/11/2017
Hexachloroethane	ND	0.22		mg/Kg-dry	1	8/11/2017
Indeno(1,2,3-cd)pyrene	ND	0.042		mg/Kg-dry	1	8/11/2017
Isophorone	ND	0.22		mg/Kg-dry	1	8/11/2017
2-Methylnaphthalene	ND	0.22		mg/Kg-dry	1	8/11/2017
2-Methylphenol	ND	0.22		mg/Kg-dry	1	8/11/2017
4-Methylphenol	ND	0.22		mg/Kg-dry	1	8/11/2017
Naphthalene	ND	0.042		mg/Kg-dry	1	8/11/2017
2-Nitroaniline	ND	0.22		mg/Kg-dry	1	8/11/2017
3-Nitroaniline	ND	0.22		mg/Kg-dry	1	8/11/2017
4-Nitroaniline	ND	0.22		mg/Kg-dry	1	8/11/2017
2-Nitrophenol	ND	0.22		mg/Kg-dry	1	8/11/2017
4-Nitrophenol	ND	0.42		mg/Kg-dry	1	8/11/2017
Nitrobenzene	ND	0.042		mg/Kg-dry	1	8/11/2017
N-Nitrosodi-n-propylamine	ND	0.042		mg/Kg-dry	1	8/11/2017
N-Nitrosodimethylamine	ND	0.22		mg/Kg-dry	1	8/11/2017
N-Nitrosodiphenylamine	ND	0.22		mg/Kg-dry	1	8/11/2017
2, 2'-oxybis(1-Chloropropane)	ND	0.22		mg/Kg-dry	1	8/11/2017
Pentachlorophenol	ND	0.085		mg/Kg-dry	1	8/11/2017
Phenanthrene	ND	0.042		mg/Kg-dry	1	8/11/2017
Phenol	ND	0.22		mg/Kg-dry	1	8/11/2017
Pyrene	ND	0.042		mg/Kg-dry	1	8/11/2017
Pyridine	ND	0.85		mg/Kg-dry	1	8/11/2017
1,2,4-Trichlorobenzene	ND	0.22		mg/Kg-dry	1	8/11/2017
2,4,5-Trichlorophenol	ND	0.22		mg/Kg-dry	1	8/11/2017
2,4,6-Trichlorophenol	ND	0.22		mg/Kg-dry	1	8/11/2017

Metals by ICP/MS	SW6020 (SW3050B)				Prep Date: 8/9/2017	Analyst: JG

Aluminum	17000	22		mg/Kg-dry	10	8/11/2017
Antimony	ND	2.2		mg/Kg-dry	10	8/11/2017
Arsenic	6.0	1.1		mg/Kg-dry	10	8/11/2017
Barium	140	1.1		mg/Kg-dry	10	8/11/2017
Beryllium	1.0	0.55		mg/Kg-dry	10	8/11/2017

Qualifiers:

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Report Date: August 17, 2017

Print Date: August 17, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-16-02 (0-5)

Work Order: 17080266 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 8/8/2017 10:30:00 AM

Lab ID: 17080266-011B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed

Metals by ICP/MS

SW6020 (SW3050B)

Prep Date: 8/9/2017

Analyst: JG

Cadmium	ND	0.55		mg/Kg-dry	10	8/11/2017
Calcium	5200	66		mg/Kg-dry	10	8/11/2017
Chromium	27	1.1		mg/Kg-dry	10	8/11/2017
Cobalt	14	1.1		mg/Kg-dry	10	8/11/2017
Copper	29	2.7		mg/Kg-dry	10	8/11/2017
Iron	27000	33		mg/Kg-dry	10	8/11/2017
Lead	20	0.55		mg/Kg-dry	10	8/11/2017
Magnesium	6000	33		mg/Kg-dry	10	8/11/2017
Manganese	910	1.1		mg/Kg-dry	10	8/11/2017
Nickel	44	1.1		mg/Kg-dry	10	8/11/2017
Potassium	1900	33		mg/Kg-dry	10	8/11/2017
Selenium	ND	1.1		mg/Kg-dry	10	8/11/2017
Silver	ND	1.1		mg/Kg-dry	10	8/11/2017
Sodium	2000	66		mg/Kg-dry	10	8/11/2017
Thallium	ND	1.1		mg/Kg-dry	10	8/11/2017
Vanadium	37	1.1		mg/Kg-dry	10	8/11/2017
Zinc	79	5.5		mg/Kg-dry	10	8/11/2017

SPLP Metals by ICP/MS

SW1312/6020 (SW3005A)

Prep Date: 8/10/2017

Analyst: JG

Arsenic	0.012	0.0040		mg/L	2	8/11/2017
Barium	0.12	0.020		mg/L	2	8/11/2017
Beryllium	ND	0.0020		mg/L	2	8/11/2017
Cadmium	ND	0.0020		mg/L	2	8/11/2017
Chromium	0.038	0.0040		mg/L	2	8/11/2017
Cobalt	0.0069	0.0040		mg/L	2	8/11/2017
Copper	0.045	0.040		mg/L	2	8/11/2017
Iron	38	0.10		mg/L	2	8/11/2017
Lead	0.010	0.0020		mg/L	2	8/11/2017
Manganese	0.13	0.0040		mg/L	2	8/11/2017
Nickel	0.033	0.0040		mg/L	2	8/11/2017
Selenium	ND	0.0040		mg/L	2	8/11/2017
Silver	ND	0.0040		mg/L	2	8/11/2017
Zinc	0.11	0.020		mg/L	2	8/11/2017

TCLP Metals by ICP/MS

SW1311/6020 (SW3005A)

Prep Date: 8/10/2017

Analyst: JG

Arsenic	ND	0.010		mg/L	5	8/11/2017
Barium	0.42	0.050		mg/L	5	8/11/2017
Beryllium	ND	0.0050		mg/L	5	8/11/2017
Cadmium	ND	0.0050		mg/L	5	8/11/2017

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

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R - RPD outside accepted recovery limits

E - Value above quantitation range

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

Report Date: August 17, 2017

Print Date: August 17, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-16-02 (0-5)

Work Order: 17080266 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL

Collection Date: 8/8/2017 10:30:00 AM

Lab ID: 17080266-011B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
TCLP Metals by ICP/MS	SW1311/6020 (SW3005A)		Prep Date: 8/10/2017		Analyst: JG	
Chromium	ND	0.010		mg/L	5	8/11/2017
Cobalt	ND	0.010		mg/L	5	8/11/2017
Copper	ND	0.10		mg/L	5	8/11/2017
Iron	0.37	0.25		mg/L	5	8/11/2017
Lead	ND	0.0050		mg/L	5	8/11/2017
Manganese	0.015	0.010		mg/L	5	8/11/2017
Nickel	ND	0.010		mg/L	5	8/11/2017
Selenium	ND	0.010		mg/L	5	8/11/2017
Silver	ND	0.010		mg/L	5	8/11/2017
Zinc	ND	0.050		mg/L	5	8/11/2017
TCLP Mercury	SW1311/7470A		Prep Date: 8/10/2017		Analyst: LB	
Mercury	ND	0.00020		mg/L	1	8/10/2017
SPLP Mercury	SW1312/7470A		Prep Date: 8/10/2017		Analyst: LB	
Mercury	ND	0.00025		mg/L	1	8/11/2017
Mercury	SW7471A		Prep Date: 8/10/2017		Analyst: LB	
Mercury	0.035	0.019		mg/Kg-dry	1	8/11/2017
pH (25 °C)	SW9045C		Prep Date: 8/10/2017		Analyst: RW	
pH	8.37			pH Units	1	8/10/2017
Percent Moisture	D2974		Prep Date: 8/9/2017		Analyst: KKA	
Percent Moisture	21.8	0.2	*	wt%	1	8/10/2017

Qualifiers:

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E - Value above quantitation range

H - Holding time exceeded

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

Report Date: August 17, 2017

Print Date: August 17, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-16-02 (5-9)

Work Order: 17080266 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 8/8/2017 10:33:00 AM

Lab ID: 17080266-012A

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS		SW5035/8260B		Prep Date: 8/8/2017		Analyst: ART
Acetone	ND	0.077		mg/Kg-dry	1	8/14/2017
Benzene	ND	0.0052		mg/Kg-dry	1	8/14/2017
Bromodichloromethane	ND	0.0052		mg/Kg-dry	1	8/14/2017
Bromoform	ND	0.0052		mg/Kg-dry	1	8/14/2017
Bromomethane	ND	0.010		mg/Kg-dry	1	8/14/2017
2-Butanone	ND	0.077		mg/Kg-dry	1	8/14/2017
Carbon disulfide	ND	0.052		mg/Kg-dry	1	8/14/2017
Carbon tetrachloride	ND	0.0052		mg/Kg-dry	1	8/14/2017
Chlorobenzene	ND	0.0052		mg/Kg-dry	1	8/14/2017
Chloroethane	ND	0.010		mg/Kg-dry	1	8/14/2017
Chloroform	ND	0.0052		mg/Kg-dry	1	8/14/2017
Chloromethane	ND	0.010		mg/Kg-dry	1	8/14/2017
Dibromochloromethane	ND	0.0052		mg/Kg-dry	1	8/14/2017
1,1-Dichloroethane	ND	0.0052		mg/Kg-dry	1	8/14/2017
1,2-Dichloroethane	ND	0.0052		mg/Kg-dry	1	8/14/2017
1,1-Dichloroethene	ND	0.0052		mg/Kg-dry	1	8/14/2017
cis-1,2-Dichloroethene	ND	0.0052		mg/Kg-dry	1	8/14/2017
trans-1,2-Dichloroethene	ND	0.0052		mg/Kg-dry	1	8/14/2017
1,2-Dichloropropane	ND	0.0052		mg/Kg-dry	1	8/14/2017
cis-1,3-Dichloropropene	ND	0.0021		mg/Kg-dry	1	8/14/2017
trans-1,3-Dichloropropene	ND	0.0021		mg/Kg-dry	1	8/14/2017
Ethylbenzene	ND	0.0052		mg/Kg-dry	1	8/14/2017
2-Hexanone	ND	0.021		mg/Kg-dry	1	8/14/2017
4-Methyl-2-pentanone	ND	0.021		mg/Kg-dry	1	8/14/2017
Methylene chloride	ND	0.010		mg/Kg-dry	1	8/14/2017
Methyl tert-butyl ether	ND	0.0052		mg/Kg-dry	1	8/14/2017
Styrene	ND	0.0052		mg/Kg-dry	1	8/14/2017
1,1,2,2-Tetrachloroethane	ND	0.0052		mg/Kg-dry	1	8/14/2017
Tetrachloroethene	ND	0.0052		mg/Kg-dry	1	8/14/2017
Toluene	ND	0.0052		mg/Kg-dry	1	8/14/2017
1,1,1-Trichloroethane	ND	0.0052		mg/Kg-dry	1	8/14/2017
1,1,2-Trichloroethane	ND	0.0052		mg/Kg-dry	1	8/14/2017
Trichloroethene	ND	0.0052		mg/Kg-dry	1	8/14/2017
Vinyl chloride	ND	0.0052		mg/Kg-dry	1	8/14/2017
Xylenes, Total	ND	0.015		mg/Kg-dry	1	8/14/2017

Qualifiers:

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Report Date: August 17, 2017

Print Date: August 17, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-16-02 (5-9)

Work Order: 17080266 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL

Collection Date: 8/8/2017 10:33:00 AM

Lab ID: 17080266-012B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed

Semivolatile Organic Compounds by GC/MS	SW8270C (SW3550B)				Prep Date: 8/9/2017	Analyst: DM

Acenaphthene	ND	0.041		mg/Kg-dry	1	8/11/2017
Acenaphthylene	ND	0.041		mg/Kg-dry	1	8/11/2017
Aniline	ND	0.41		mg/Kg-dry	1	8/11/2017
Anthracene	ND	0.041		mg/Kg-dry	1	8/11/2017
Benz(a)anthracene	ND	0.041		mg/Kg-dry	1	8/11/2017
Benzidine	ND	0.41		mg/Kg-dry	1	8/11/2017
Benzo(a)pyrene	ND	0.041		mg/Kg-dry	1	8/11/2017
Benzo(b)fluoranthene	ND	0.041		mg/Kg-dry	1	8/11/2017
Benzo(g,h,i)perylene	ND	0.041		mg/Kg-dry	1	8/11/2017
Benzo(k)fluoranthene	ND	0.041		mg/Kg-dry	1	8/11/2017
Benzoic acid	ND	1.0		mg/Kg-dry	1	8/11/2017
Benzyl alcohol	ND	0.21		mg/Kg-dry	1	8/11/2017
Bis(2-chloroethoxy)methane	ND	0.21		mg/Kg-dry	1	8/11/2017
Bis(2-chloroethyl)ether	ND	0.21		mg/Kg-dry	1	8/11/2017
Bis(2-ethylhexyl)phthalate	ND	1.0		mg/Kg-dry	1	8/11/2017
4-Bromophenyl phenyl ether	ND	0.21		mg/Kg-dry	1	8/11/2017
Butyl benzyl phthalate	ND	0.21		mg/Kg-dry	1	8/11/2017
Carbazole	ND	0.21		mg/Kg-dry	1	8/11/2017
4-Chloroaniline	ND	0.21		mg/Kg-dry	1	8/11/2017
4-Chloro-3-methylphenol	ND	0.41		mg/Kg-dry	1	8/11/2017
2-Chloronaphthalene	ND	0.21		mg/Kg-dry	1	8/11/2017
2-Chlorophenol	ND	0.21		mg/Kg-dry	1	8/11/2017
4-Chlorophenyl phenyl ether	ND	0.21		mg/Kg-dry	1	8/11/2017
Chrysene	ND	0.041		mg/Kg-dry	1	8/11/2017
Dibenz(a,h)anthracene	ND	0.041		mg/Kg-dry	1	8/11/2017
Dibenzofuran	ND	0.21		mg/Kg-dry	1	8/11/2017
1,2-Dichlorobenzene	ND	0.21		mg/Kg-dry	1	8/11/2017
1,3-Dichlorobenzene	ND	0.21		mg/Kg-dry	1	8/11/2017
1,4-Dichlorobenzene	ND	0.21		mg/Kg-dry	1	8/11/2017
3,3'-Dichlorobenzidine	ND	0.21		mg/Kg-dry	1	8/11/2017
2,4-Dichlorophenol	ND	0.21		mg/Kg-dry	1	8/11/2017
Diethyl phthalate	ND	0.21		mg/Kg-dry	1	8/11/2017
2,4-Dimethylphenol	ND	0.21		mg/Kg-dry	1	8/11/2017
Dimethyl phthalate	ND	0.21		mg/Kg-dry	1	8/11/2017
4,6-Dinitro-2-methylphenol	ND	0.41		mg/Kg-dry	1	8/11/2017
2,4-Dinitrophenol	ND	1.0		mg/Kg-dry	1	8/11/2017
2,4-Dinitrotoluene	ND	0.041		mg/Kg-dry	1	8/11/2017
2,6-Dinitrotoluene	ND	0.041		mg/Kg-dry	1	8/11/2017

Qualifiers:

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Report Date: August 17, 2017

Print Date: August 17, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-16-02 (5-9)

Work Order: 17080266 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 8/8/2017 10:33:00 AM

Lab ID: 17080266-012B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed

Semivolatile Organic Compounds by GC/MS	SW8270C (SW3550B)	Prep Date: 8/9/2017			Analyst: DM

Di-n-butyl phthalate	ND	0.21		mg/Kg-dry	1	8/11/2017
Di-n-octyl phthalate	ND	0.21		mg/Kg-dry	1	8/11/2017
Fluoranthene	ND	0.041		mg/Kg-dry	1	8/11/2017
Fluorene	ND	0.041		mg/Kg-dry	1	8/11/2017
Hexachlorobenzene	ND	0.21		mg/Kg-dry	1	8/11/2017
Hexachlorobutadiene	ND	0.21		mg/Kg-dry	1	8/11/2017
Hexachlorocyclopentadiene	ND	0.21		mg/Kg-dry	1	8/11/2017
Hexachloroethane	ND	0.21		mg/Kg-dry	1	8/11/2017
Indeno(1,2,3-cd)pyrene	ND	0.041		mg/Kg-dry	1	8/11/2017
Isophorone	ND	0.21		mg/Kg-dry	1	8/11/2017
2-Methylnaphthalene	ND	0.21		mg/Kg-dry	1	8/11/2017
2-Methylphenol	ND	0.21		mg/Kg-dry	1	8/11/2017
4-Methylphenol	ND	0.21		mg/Kg-dry	1	8/11/2017
Naphthalene	ND	0.041		mg/Kg-dry	1	8/11/2017
2-Nitroaniline	ND	0.21		mg/Kg-dry	1	8/11/2017
3-Nitroaniline	ND	0.21		mg/Kg-dry	1	8/11/2017
4-Nitroaniline	ND	0.21		mg/Kg-dry	1	8/11/2017
2-Nitrophenol	ND	0.21		mg/Kg-dry	1	8/11/2017
4-Nitrophenol	ND	0.41		mg/Kg-dry	1	8/11/2017
Nitrobenzene	ND	0.041		mg/Kg-dry	1	8/11/2017
N-Nitrosodi-n-propylamine	ND	0.041		mg/Kg-dry	1	8/11/2017
N-Nitrosodimethylamine	ND	0.21		mg/Kg-dry	1	8/11/2017
N-Nitrosodiphenylamine	ND	0.21		mg/Kg-dry	1	8/11/2017
2, 2'-oxybis(1-Chloropropane)	ND	0.21		mg/Kg-dry	1	8/11/2017
Pentachlorophenol	ND	0.083		mg/Kg-dry	1	8/11/2017
Phenanthrene	ND	0.041		mg/Kg-dry	1	8/11/2017
Phenol	ND	0.21		mg/Kg-dry	1	8/11/2017
Pyrene	ND	0.041		mg/Kg-dry	1	8/11/2017
Pyridine	ND	0.83		mg/Kg-dry	1	8/11/2017
1,2,4-Trichlorobenzene	ND	0.21		mg/Kg-dry	1	8/11/2017
2,4,5-Trichlorophenol	ND	0.21		mg/Kg-dry	1	8/11/2017
2,4,6-Trichlorophenol	ND	0.21		mg/Kg-dry	1	8/11/2017

Metals by ICP/MS	SW6020 (SW3050B)	Prep Date: 8/9/2017			Analyst: JG

Aluminum	11000	21		mg/Kg-dry	10	8/11/2017
Antimony	ND	2.1		mg/Kg-dry	10	8/11/2017
Arsenic	9.3	1.1		mg/Kg-dry	10	8/11/2017
Barium	110	1.1		mg/Kg-dry	10	8/11/2017
Beryllium	0.64	0.53		mg/Kg-dry	10	8/11/2017

Qualifiers:

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E - Value above quantitation range

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Report Date: August 17, 2017

Print Date: August 17, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-16-02 (5-9)

Work Order: 17080266 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL

Collection Date: 8/8/2017 10:33:00 AM

Lab ID: 17080266-012B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed

Metals by ICP/MS

SW6020 (SW3050B)

Prep Date: 8/9/2017

Analyst: JG

Cadmium	ND	0.53		mg/Kg-dry	10	8/11/2017
Calcium	47000	64		mg/Kg-dry	10	8/11/2017
Chromium	20	1.1		mg/Kg-dry	10	8/11/2017
Cobalt	10	1.1		mg/Kg-dry	10	8/11/2017
Copper	25	2.7		mg/Kg-dry	10	8/11/2017
Iron	23000	32		mg/Kg-dry	10	8/11/2017
Lead	15	0.53		mg/Kg-dry	10	8/11/2017
Magnesium	27000	32		mg/Kg-dry	10	8/11/2017
Manganese	660	1.1		mg/Kg-dry	10	8/11/2017
Nickel	29	1.1		mg/Kg-dry	10	8/11/2017
Potassium	1800	32		mg/Kg-dry	10	8/11/2017
Selenium	ND	1.1		mg/Kg-dry	10	8/11/2017
Silver	ND	1.1		mg/Kg-dry	10	8/11/2017
Sodium	1900	64		mg/Kg-dry	10	8/11/2017
Thallium	ND	1.1		mg/Kg-dry	10	8/11/2017
Vanadium	33	1.1		mg/Kg-dry	10	8/11/2017
Zinc	68	5.3		mg/Kg-dry	10	8/11/2017

SPLP Metals by ICP/MS

SW1312/6020 (SW3005A)

Prep Date: 8/10/2017

Analyst: JG

Arsenic	0.010	0.0040		mg/L	2	8/11/2017
Barium	0.067	0.020		mg/L	2	8/11/2017
Beryllium	ND	0.0020		mg/L	2	8/11/2017
Cadmium	ND	0.0020		mg/L	2	8/11/2017
Chromium	0.019	0.0040		mg/L	2	8/11/2017
Cobalt	0.0045	0.0040		mg/L	2	8/11/2017
Copper	ND	0.040		mg/L	2	8/11/2017
Iron	25	0.10		mg/L	2	8/11/2017
Lead	0.0099	0.0020		mg/L	2	8/11/2017
Manganese	0.12	0.0040		mg/L	2	8/11/2017
Nickel	0.017	0.0040		mg/L	2	8/11/2017
Selenium	ND	0.0040		mg/L	2	8/11/2017
Silver	ND	0.0040		mg/L	2	8/11/2017
Zinc	0.071	0.020		mg/L	2	8/11/2017

TCLP Metals by ICP/MS

SW1311/6020 (SW3005A)

Prep Date: 8/12/2017

Analyst: JG

Arsenic	ND	0.010		mg/L	5	8/15/2017
Barium	0.88	0.050		mg/L	5	8/15/2017
Beryllium	ND	0.0050		mg/L	5	8/15/2017
Cadmium	ND	0.0050		mg/L	5	8/15/2017

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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Report Date: August 17, 2017

Print Date: August 17, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-16-02 (5-9)

Work Order: 17080266 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL

Collection Date: 8/8/2017 10:33:00 AM

Lab ID: 17080266-012B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
TCLP Metals by ICP/MS	SW1311/6020 (SW3005A)		Prep Date: 8/12/2017		Analyst: JG	
Chromium	ND	0.010		mg/L	5	8/15/2017
Cobalt	ND	0.010		mg/L	5	8/15/2017
Copper	ND	0.10		mg/L	5	8/15/2017
Iron	ND	0.25		mg/L	5	8/15/2017
Lead	ND	0.0050		mg/L	5	8/15/2017
Manganese	0.82	0.010		mg/L	5	8/15/2017
Nickel	0.015	0.010		mg/L	5	8/15/2017
Selenium	ND	0.010		mg/L	5	8/15/2017
Silver	ND	0.010		mg/L	5	8/15/2017
Zinc	ND	0.050		mg/L	5	8/15/2017
TCLP Mercury	SW1311/7470A		Prep Date: 8/11/2017		Analyst: LB	
Mercury	ND	0.00020		mg/L	1	8/14/2017
SPLP Mercury	SW1312/7470A		Prep Date: 8/10/2017		Analyst: LB	
Mercury	ND	0.00025		mg/L	1	8/11/2017
Mercury	SW7471A		Prep Date: 8/10/2017		Analyst: LB	
Mercury	0.024	0.019		mg/Kg-dry	1	8/11/2017
pH (25 °C)	SW9045C		Prep Date: 8/10/2017		Analyst: RW	
pH	8.32			pH Units	1	8/10/2017
Percent Moisture	D2974		Prep Date: 8/9/2017		Analyst: KKA	
Percent Moisture	20.1	0.2	*	wt%	1	8/10/2017

Qualifiers:

ND - Not Detected at the Reporting Limit

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

Report Date: August 17, 2017

Print Date: August 17, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-18-02 (0-5)

Work Order: 17080266 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 8/8/2017 10:02:00 AM

Lab ID: 17080266-017A

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS		SW5035/8260B		Prep Date: 8/8/2017		Analyst: ART
Acetone	0.14	0.087		mg/Kg-dry	1	8/15/2017
Benzene	ND	0.0058		mg/Kg-dry	1	8/15/2017
Bromodichloromethane	ND	0.0058		mg/Kg-dry	1	8/15/2017
Bromoform	ND	0.0058		mg/Kg-dry	1	8/15/2017
Bromomethane	ND	0.012		mg/Kg-dry	1	8/15/2017
2-Butanone	ND	0.087		mg/Kg-dry	1	8/15/2017
Carbon disulfide	ND	0.058		mg/Kg-dry	1	8/15/2017
Carbon tetrachloride	ND	0.0058		mg/Kg-dry	1	8/15/2017
Chlorobenzene	ND	0.0058		mg/Kg-dry	1	8/15/2017
Chloroethane	ND	0.012		mg/Kg-dry	1	8/15/2017
Chloroform	ND	0.0058		mg/Kg-dry	1	8/15/2017
Chloromethane	ND	0.012		mg/Kg-dry	1	8/15/2017
Dibromochloromethane	ND	0.0058		mg/Kg-dry	1	8/15/2017
1,1-Dichloroethane	ND	0.0058		mg/Kg-dry	1	8/15/2017
1,2-Dichloroethane	ND	0.0058		mg/Kg-dry	1	8/15/2017
1,1-Dichloroethene	ND	0.0058		mg/Kg-dry	1	8/15/2017
cis-1,2-Dichloroethene	ND	0.0058		mg/Kg-dry	1	8/15/2017
trans-1,2-Dichloroethene	ND	0.0058		mg/Kg-dry	1	8/15/2017
1,2-Dichloropropane	ND	0.0058		mg/Kg-dry	1	8/15/2017
cis-1,3-Dichloropropene	ND	0.0023		mg/Kg-dry	1	8/15/2017
trans-1,3-Dichloropropene	ND	0.0023		mg/Kg-dry	1	8/15/2017
Ethylbenzene	ND	0.0058		mg/Kg-dry	1	8/15/2017
2-Hexanone	ND	0.023		mg/Kg-dry	1	8/15/2017
4-Methyl-2-pentanone	ND	0.023		mg/Kg-dry	1	8/15/2017
Methylene chloride	ND	0.012		mg/Kg-dry	1	8/15/2017
Methyl tert-butyl ether	ND	0.0058		mg/Kg-dry	1	8/15/2017
Styrene	ND	0.0058		mg/Kg-dry	1	8/15/2017
1,1,2,2-Tetrachloroethane	ND	0.0058		mg/Kg-dry	1	8/15/2017
Tetrachloroethene	ND	0.0058		mg/Kg-dry	1	8/15/2017
Toluene	ND	0.0058		mg/Kg-dry	1	8/15/2017
1,1,1-Trichloroethane	ND	0.0058		mg/Kg-dry	1	8/15/2017
1,1,2-Trichloroethane	ND	0.0058		mg/Kg-dry	1	8/15/2017
Trichloroethene	ND	0.0058		mg/Kg-dry	1	8/15/2017
Vinyl chloride	ND	0.0058		mg/Kg-dry	1	8/15/2017
Xylenes, Total	ND	0.017		mg/Kg-dry	1	8/15/2017

Qualifiers:

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

Report Date: August 17, 2017

Print Date: August 17, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-18-02 (0-5)

Work Order: 17080266 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL

Collection Date: 8/8/2017 10:02:00 AM

Lab ID: 17080266-017B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS		SW8270C (SW3550B)		Prep Date: 8/9/2017		Analyst: MEP
Acenaphthene	ND	0.041		mg/Kg-dry	1	8/13/2017
Acenaphthylene	ND	0.041		mg/Kg-dry	1	8/13/2017
Aniline	ND	0.41		mg/Kg-dry	1	8/13/2017
Anthracene	ND	0.041		mg/Kg-dry	1	8/13/2017
Benz(a)anthracene	ND	0.041		mg/Kg-dry	1	8/13/2017
Benzidine	ND	0.41		mg/Kg-dry	1	8/13/2017
Benzo(a)pyrene	ND	0.041		mg/Kg-dry	1	8/13/2017
Benzo(b)fluoranthene	ND	0.041		mg/Kg-dry	1	8/13/2017
Benzo(g,h,i)perylene	ND	0.041		mg/Kg-dry	1	8/13/2017
Benzo(k)fluoranthene	ND	0.041		mg/Kg-dry	1	8/13/2017
Benzoic acid	ND	1.0		mg/Kg-dry	1	8/13/2017
Benzyl alcohol	ND	0.21		mg/Kg-dry	1	8/13/2017
Bis(2-chloroethoxy)methane	ND	0.21		mg/Kg-dry	1	8/13/2017
Bis(2-chloroethyl)ether	ND	0.21		mg/Kg-dry	1	8/13/2017
Bis(2-ethylhexyl)phthalate	ND	1.0		mg/Kg-dry	1	8/13/2017
4-Bromophenyl phenyl ether	ND	0.21		mg/Kg-dry	1	8/13/2017
Butyl benzyl phthalate	ND	0.21		mg/Kg-dry	1	8/13/2017
Carbazole	ND	0.21		mg/Kg-dry	1	8/13/2017
4-Chloroaniline	ND	0.21		mg/Kg-dry	1	8/13/2017
4-Chloro-3-methylphenol	ND	0.41		mg/Kg-dry	1	8/13/2017
2-Chloronaphthalene	ND	0.21		mg/Kg-dry	1	8/13/2017
2-Chlorophenol	ND	0.21		mg/Kg-dry	1	8/13/2017
4-Chlorophenyl phenyl ether	ND	0.21		mg/Kg-dry	1	8/13/2017
Chrysene	ND	0.041		mg/Kg-dry	1	8/13/2017
Dibenz(a,h)anthracene	ND	0.041		mg/Kg-dry	1	8/13/2017
Dibenzofuran	ND	0.21		mg/Kg-dry	1	8/13/2017
1,2-Dichlorobenzene	ND	0.21		mg/Kg-dry	1	8/13/2017
1,3-Dichlorobenzene	ND	0.21		mg/Kg-dry	1	8/13/2017
1,4-Dichlorobenzene	ND	0.21		mg/Kg-dry	1	8/13/2017
3,3'-Dichlorobenzidine	ND	0.21		mg/Kg-dry	1	8/13/2017
2,4-Dichlorophenol	ND	0.21		mg/Kg-dry	1	8/13/2017
Diethyl phthalate	ND	0.21		mg/Kg-dry	1	8/13/2017
2,4-Dimethylphenol	ND	0.21		mg/Kg-dry	1	8/13/2017
Dimethyl phthalate	ND	0.21		mg/Kg-dry	1	8/13/2017
4,6-Dinitro-2-methylphenol	ND	0.41		mg/Kg-dry	1	8/13/2017
2,4-Dinitrophenol	ND	1.0		mg/Kg-dry	1	8/13/2017
2,4-Dinitrotoluene	ND	0.041		mg/Kg-dry	1	8/13/2017
2,6-Dinitrotoluene	ND	0.041		mg/Kg-dry	1	8/13/2017

Qualifiers:

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Report Date: August 17, 2017

Print Date: August 17, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-18-02 (0-5)

Work Order: 17080266 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 8/8/2017 10:02:00 AM

Lab ID: 17080266-017B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS						
	SW8270C (SW3550B)				Prep Date: 8/9/2017	Analyst: MEP
Di-n-butyl phthalate	ND	0.21		mg/Kg-dry	1	8/13/2017
Di-n-octyl phthalate	ND	0.21		mg/Kg-dry	1	8/13/2017
Fluoranthene	ND	0.041		mg/Kg-dry	1	8/13/2017
Fluorene	ND	0.041		mg/Kg-dry	1	8/13/2017
Hexachlorobenzene	ND	0.21		mg/Kg-dry	1	8/13/2017
Hexachlorobutadiene	ND	0.21		mg/Kg-dry	1	8/13/2017
Hexachlorocyclopentadiene	ND	0.21		mg/Kg-dry	1	8/13/2017
Hexachloroethane	ND	0.21		mg/Kg-dry	1	8/13/2017
Indeno(1,2,3-cd)pyrene	ND	0.041		mg/Kg-dry	1	8/13/2017
Isophorone	ND	0.21		mg/Kg-dry	1	8/13/2017
2-Methylnaphthalene	ND	0.21		mg/Kg-dry	1	8/13/2017
2-Methylphenol	ND	0.21		mg/Kg-dry	1	8/13/2017
4-Methylphenol	ND	0.21		mg/Kg-dry	1	8/13/2017
Naphthalene	ND	0.041		mg/Kg-dry	1	8/13/2017
2-Nitroaniline	ND	0.21		mg/Kg-dry	1	8/13/2017
3-Nitroaniline	ND	0.21		mg/Kg-dry	1	8/13/2017
4-Nitroaniline	ND	0.21		mg/Kg-dry	1	8/13/2017
2-Nitrophenol	ND	0.21		mg/Kg-dry	1	8/13/2017
4-Nitrophenol	ND	0.41		mg/Kg-dry	1	8/13/2017
Nitrobenzene	ND	0.041		mg/Kg-dry	1	8/13/2017
N-Nitrosodi-n-propylamine	ND	0.041		mg/Kg-dry	1	8/13/2017
N-Nitrosodimethylamine	ND	0.21		mg/Kg-dry	1	8/13/2017
N-Nitrosodiphenylamine	ND	0.21		mg/Kg-dry	1	8/13/2017
2, 2'-oxybis(1-Chloropropane)	ND	0.21		mg/Kg-dry	1	8/13/2017
Pentachlorophenol	ND	0.083		mg/Kg-dry	1	8/13/2017
Phenanthrene	ND	0.041		mg/Kg-dry	1	8/13/2017
Phenol	ND	0.21		mg/Kg-dry	1	8/13/2017
Pyrene	ND	0.041		mg/Kg-dry	1	8/13/2017
Pyridine	ND	0.83		mg/Kg-dry	1	8/13/2017
1,2,4-Trichlorobenzene	ND	0.21		mg/Kg-dry	1	8/13/2017
2,4,5-Trichlorophenol	ND	0.21		mg/Kg-dry	1	8/13/2017
2,4,6-Trichlorophenol	ND	0.21		mg/Kg-dry	1	8/13/2017
Metals by ICP/MS						
	SW6020 (SW3050B)				Prep Date: 8/9/2017	Analyst: JG
Aluminum	15000	21		mg/Kg-dry	10	8/11/2017
Antimony	ND	2.1		mg/Kg-dry	10	8/11/2017
Arsenic	10	1.1		mg/Kg-dry	10	8/11/2017
Barium	120	1.1		mg/Kg-dry	10	8/11/2017
Beryllium	0.98	0.53		mg/Kg-dry	10	8/11/2017

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Report Date: August 17, 2017

Print Date: August 17, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-18-02 (0-5)

Work Order: 17080266 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL

Collection Date: 8/8/2017 10:02:00 AM

Lab ID: 17080266-017B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed

Metals by ICP/MS

SW6020 (SW3050B)

Prep Date: 8/9/2017

Analyst: JG

Cadmium	0.64	0.53		mg/Kg-dry	10	8/11/2017
Calcium	18000	63		mg/Kg-dry	10	8/11/2017
Chromium	25	1.1		mg/Kg-dry	10	8/11/2017
Cobalt	16	1.1		mg/Kg-dry	10	8/11/2017
Copper	47	2.6		mg/Kg-dry	10	8/11/2017
Iron	27000	32		mg/Kg-dry	10	8/11/2017
Lead	65	0.53		mg/Kg-dry	10	8/11/2017
Magnesium	10000	32		mg/Kg-dry	10	8/11/2017
Manganese	1000	1.1		mg/Kg-dry	10	8/11/2017
Nickel	27	1.1		mg/Kg-dry	10	8/11/2017
Potassium	2200	32		mg/Kg-dry	10	8/11/2017
Selenium	ND	1.1		mg/Kg-dry	10	8/11/2017
Silver	ND	1.1		mg/Kg-dry	10	8/11/2017
Sodium	370	63		mg/Kg-dry	10	8/11/2017
Thallium	ND	1.1		mg/Kg-dry	10	8/11/2017
Vanadium	37	1.1		mg/Kg-dry	10	8/11/2017
Zinc	140	5.3		mg/Kg-dry	10	8/11/2017

SPLP Metals by ICP/MS

SW1312/6020 (SW3005A)

Prep Date: 8/10/2017

Analyst: JG

Arsenic	ND	0.0040		mg/L	2	8/11/2017
Barium	ND	0.020		mg/L	2	8/11/2017
Beryllium	ND	0.0020		mg/L	2	8/11/2017
Cadmium	ND	0.0020		mg/L	2	8/11/2017
Chromium	0.0041	0.0040		mg/L	2	8/11/2017
Cobalt	ND	0.0040		mg/L	2	8/11/2017
Copper	ND	0.040		mg/L	2	8/11/2017
Iron	2.2	0.10		mg/L	2	8/11/2017
Lead	0.0032	0.0020		mg/L	2	8/11/2017
Manganese	0.020	0.0040		mg/L	2	8/11/2017
Nickel	ND	0.0040		mg/L	2	8/11/2017
Selenium	ND	0.0040		mg/L	2	8/11/2017
Silver	ND	0.0040		mg/L	2	8/11/2017
Zinc	ND	0.020		mg/L	2	8/11/2017

TCLP Metals by ICP/MS

SW1311/6020 (SW3005A)

Prep Date: 8/12/2017

Analyst: JG

Arsenic	ND	0.010		mg/L	5	8/15/2017
Barium	0.44	0.050		mg/L	5	8/15/2017
Beryllium	ND	0.0050		mg/L	5	8/15/2017
Cadmium	ND	0.0050		mg/L	5	8/15/2017

Qualifiers:

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Report Date: August 17, 2017

Print Date: August 17, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-18-02 (0-5)

Work Order: 17080266 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL

Collection Date: 8/8/2017 10:02:00 AM

Lab ID: 17080266-017B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
TCLP Metals by ICP/MS	SW1311/6020 (SW3005A)		Prep Date: 8/12/2017		Analyst: JG	
Chromium	ND	0.010		mg/L	5	8/15/2017
Cobalt	ND	0.010		mg/L	5	8/15/2017
Copper	ND	0.10		mg/L	5	8/15/2017
Iron	ND	0.25		mg/L	5	8/15/2017
Lead	ND	0.0050		mg/L	5	8/15/2017
Manganese	0.076	0.010		mg/L	5	8/15/2017
Nickel	ND	0.010		mg/L	5	8/15/2017
Selenium	ND	0.010		mg/L	5	8/15/2017
Silver	ND	0.010		mg/L	5	8/15/2017
Zinc	0.054	0.050		mg/L	5	8/15/2017
TCLP Mercury	SW1311/7470A		Prep Date: 8/11/2017		Analyst: LB	
Mercury	ND	0.00020		mg/L	1	8/14/2017
SPLP Mercury	SW1312/7470A		Prep Date: 8/10/2017		Analyst: LB	
Mercury	ND	0.00025		mg/L	1	8/11/2017
Mercury	SW7471A		Prep Date: 8/10/2017		Analyst: LB	
Mercury	0.044	0.022		mg/Kg-dry	1	8/11/2017
pH (25 °C)	SW9045C		Prep Date: 8/10/2017		Analyst: RW	
pH	8.04			pH Units	1	8/10/2017
Percent Moisture	D2974		Prep Date: 8/9/2017		Analyst: KKA	
Percent Moisture	19.8	0.2	*	wt%	1	8/10/2017

Qualifiers:

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Report Date: August 17, 2017

Print Date: August 17, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-18-02 (5-9)

Work Order: 17080266 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 8/8/2017 10:05:00 AM

Lab ID: 17080266-018A

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS		SW5035/8260B			Prep Date: 8/8/2017	Analyst: ART
Acetone	ND	0.060		mg/Kg-dry	1	8/15/2017
Benzene	ND	0.0040		mg/Kg-dry	1	8/15/2017
Bromodichloromethane	ND	0.0040		mg/Kg-dry	1	8/15/2017
Bromoform	ND	0.0040		mg/Kg-dry	1	8/15/2017
Bromomethane	ND	0.0080		mg/Kg-dry	1	8/15/2017
2-Butanone	ND	0.060		mg/Kg-dry	1	8/15/2017
Carbon disulfide	ND	0.040		mg/Kg-dry	1	8/15/2017
Carbon tetrachloride	ND	0.0040		mg/Kg-dry	1	8/15/2017
Chlorobenzene	ND	0.0040		mg/Kg-dry	1	8/15/2017
Chloroethane	ND	0.0080		mg/Kg-dry	1	8/15/2017
Chloroform	ND	0.0040		mg/Kg-dry	1	8/15/2017
Chloromethane	ND	0.0080		mg/Kg-dry	1	8/15/2017
Dibromochloromethane	ND	0.0040		mg/Kg-dry	1	8/15/2017
1,1-Dichloroethane	ND	0.0040		mg/Kg-dry	1	8/15/2017
1,2-Dichloroethane	ND	0.0040		mg/Kg-dry	1	8/15/2017
1,1-Dichloroethene	ND	0.0040		mg/Kg-dry	1	8/15/2017
cis-1,2-Dichloroethene	ND	0.0040		mg/Kg-dry	1	8/15/2017
trans-1,2-Dichloroethene	ND	0.0040		mg/Kg-dry	1	8/15/2017
1,2-Dichloropropane	ND	0.0040		mg/Kg-dry	1	8/15/2017
cis-1,3-Dichloropropene	ND	0.0016		mg/Kg-dry	1	8/15/2017
trans-1,3-Dichloropropene	ND	0.0016		mg/Kg-dry	1	8/15/2017
Ethylbenzene	ND	0.0040		mg/Kg-dry	1	8/15/2017
2-Hexanone	ND	0.016		mg/Kg-dry	1	8/15/2017
4-Methyl-2-pentanone	ND	0.016		mg/Kg-dry	1	8/15/2017
Methylene chloride	ND	0.0080		mg/Kg-dry	1	8/15/2017
Methyl tert-butyl ether	ND	0.0040		mg/Kg-dry	1	8/15/2017
Styrene	ND	0.0040		mg/Kg-dry	1	8/15/2017
1,1,2,2-Tetrachloroethane	ND	0.0040		mg/Kg-dry	1	8/15/2017
Tetrachloroethene	ND	0.0040		mg/Kg-dry	1	8/15/2017
Toluene	ND	0.0040		mg/Kg-dry	1	8/15/2017
1,1,1-Trichloroethane	ND	0.0040		mg/Kg-dry	1	8/15/2017
1,1,2-Trichloroethane	ND	0.0040		mg/Kg-dry	1	8/15/2017
Trichloroethene	ND	0.0040		mg/Kg-dry	1	8/15/2017
Vinyl chloride	ND	0.0040		mg/Kg-dry	1	8/15/2017
Xylenes, Total	ND	0.012		mg/Kg-dry	1	8/15/2017

Qualifiers:

ND - Not Detected at the Reporting Limit

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

Report Date: August 17, 2017

Print Date: August 17, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-18-02 (5-9)

Work Order: 17080266 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL

Collection Date: 8/8/2017 10:05:00 AM

Lab ID: 17080266-018B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS		SW8270C (SW3550B)		Prep Date: 8/9/2017		Analyst: MEP
Acenaphthene	ND	0.036		mg/Kg-dry	1	8/13/2017
Acenaphthylene	ND	0.036		mg/Kg-dry	1	8/13/2017
Aniline	ND	0.36		mg/Kg-dry	1	8/13/2017
Anthracene	ND	0.036		mg/Kg-dry	1	8/13/2017
Benz(a)anthracene	ND	0.036		mg/Kg-dry	1	8/13/2017
Benzidine	ND	0.36		mg/Kg-dry	1	8/13/2017
Benzo(a)pyrene	ND	0.036		mg/Kg-dry	1	8/13/2017
Benzo(b)fluoranthene	ND	0.036		mg/Kg-dry	1	8/13/2017
Benzo(g,h,i)perylene	ND	0.036		mg/Kg-dry	1	8/13/2017
Benzo(k)fluoranthene	ND	0.036		mg/Kg-dry	1	8/13/2017
Benzoic acid	ND	0.90		mg/Kg-dry	1	8/13/2017
Benzyl alcohol	ND	0.18		mg/Kg-dry	1	8/13/2017
Bis(2-chloroethoxy)methane	ND	0.18		mg/Kg-dry	1	8/13/2017
Bis(2-chloroethyl)ether	ND	0.18		mg/Kg-dry	1	8/13/2017
Bis(2-ethylhexyl)phthalate	ND	0.90		mg/Kg-dry	1	8/13/2017
4-Bromophenyl phenyl ether	ND	0.18		mg/Kg-dry	1	8/13/2017
Butyl benzyl phthalate	ND	0.18		mg/Kg-dry	1	8/13/2017
Carbazole	ND	0.18		mg/Kg-dry	1	8/13/2017
4-Chloroaniline	ND	0.18		mg/Kg-dry	1	8/13/2017
4-Chloro-3-methylphenol	ND	0.36		mg/Kg-dry	1	8/13/2017
2-Chloronaphthalene	ND	0.18		mg/Kg-dry	1	8/13/2017
2-Chlorophenol	ND	0.18		mg/Kg-dry	1	8/13/2017
4-Chlorophenyl phenyl ether	ND	0.18		mg/Kg-dry	1	8/13/2017
Chrysene	ND	0.036		mg/Kg-dry	1	8/13/2017
Dibenz(a,h)anthracene	ND	0.036		mg/Kg-dry	1	8/13/2017
Dibenzofuran	ND	0.18		mg/Kg-dry	1	8/13/2017
1,2-Dichlorobenzene	ND	0.18		mg/Kg-dry	1	8/13/2017
1,3-Dichlorobenzene	ND	0.18		mg/Kg-dry	1	8/13/2017
1,4-Dichlorobenzene	ND	0.18		mg/Kg-dry	1	8/13/2017
3,3'-Dichlorobenzidine	ND	0.18		mg/Kg-dry	1	8/13/2017
2,4-Dichlorophenol	ND	0.18		mg/Kg-dry	1	8/13/2017
Diethyl phthalate	ND	0.18		mg/Kg-dry	1	8/13/2017
2,4-Dimethylphenol	ND	0.18		mg/Kg-dry	1	8/13/2017
Dimethyl phthalate	ND	0.18		mg/Kg-dry	1	8/13/2017
4,6-Dinitro-2-methylphenol	ND	0.36		mg/Kg-dry	1	8/13/2017
2,4-Dinitrophenol	ND	0.90		mg/Kg-dry	1	8/13/2017
2,4-Dinitrotoluene	ND	0.036		mg/Kg-dry	1	8/13/2017
2,6-Dinitrotoluene	ND	0.036		mg/Kg-dry	1	8/13/2017

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

HT - Sample received past holding time

* - Non-accredited parameter

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E - Value above quantitation range

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

Report Date: August 17, 2017

Print Date: August 17, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-18-02 (5-9)

Work Order: 17080266 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL

Collection Date: 8/8/2017 10:05:00 AM

Lab ID: 17080266-018B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS						
	SW8270C (SW3550B)				Prep Date: 8/9/2017	Analyst: MEP
Di-n-butyl phthalate	ND	0.18		mg/Kg-dry	1	8/13/2017
Di-n-octyl phthalate	ND	0.18		mg/Kg-dry	1	8/13/2017
Fluoranthene	ND	0.036		mg/Kg-dry	1	8/13/2017
Fluorene	ND	0.036		mg/Kg-dry	1	8/13/2017
Hexachlorobenzene	ND	0.18		mg/Kg-dry	1	8/13/2017
Hexachlorobutadiene	ND	0.18		mg/Kg-dry	1	8/13/2017
Hexachlorocyclopentadiene	ND	0.18		mg/Kg-dry	1	8/13/2017
Hexachloroethane	ND	0.18		mg/Kg-dry	1	8/13/2017
Indeno(1,2,3-cd)pyrene	ND	0.036		mg/Kg-dry	1	8/13/2017
Isophorone	ND	0.18		mg/Kg-dry	1	8/13/2017
2-Methylnaphthalene	ND	0.18		mg/Kg-dry	1	8/13/2017
2-Methylphenol	ND	0.18		mg/Kg-dry	1	8/13/2017
4-Methylphenol	ND	0.18		mg/Kg-dry	1	8/13/2017
Naphthalene	ND	0.036		mg/Kg-dry	1	8/13/2017
2-Nitroaniline	ND	0.18		mg/Kg-dry	1	8/13/2017
3-Nitroaniline	ND	0.18		mg/Kg-dry	1	8/13/2017
4-Nitroaniline	ND	0.18		mg/Kg-dry	1	8/13/2017
2-Nitrophenol	ND	0.18		mg/Kg-dry	1	8/13/2017
4-Nitrophenol	ND	0.36		mg/Kg-dry	1	8/13/2017
Nitrobenzene	ND	0.036		mg/Kg-dry	1	8/13/2017
N-Nitrosodi-n-propylamine	ND	0.036		mg/Kg-dry	1	8/13/2017
N-Nitrosodimethylamine	ND	0.18		mg/Kg-dry	1	8/13/2017
N-Nitrosodiphenylamine	ND	0.18		mg/Kg-dry	1	8/13/2017
2, 2'-oxybis(1-Chloropropane)	ND	0.18		mg/Kg-dry	1	8/13/2017
Pentachlorophenol	ND	0.073		mg/Kg-dry	1	8/13/2017
Phenanthrene	ND	0.036		mg/Kg-dry	1	8/13/2017
Phenol	ND	0.18		mg/Kg-dry	1	8/13/2017
Pyrene	ND	0.036		mg/Kg-dry	1	8/13/2017
Pyridine	ND	0.73		mg/Kg-dry	1	8/13/2017
1,2,4-Trichlorobenzene	ND	0.18		mg/Kg-dry	1	8/13/2017
2,4,5-Trichlorophenol	ND	0.18		mg/Kg-dry	1	8/13/2017
2,4,6-Trichlorophenol	ND	0.18		mg/Kg-dry	1	8/13/2017
Metals by ICP/MS						
	SW6020 (SW3050B)				Prep Date: 8/9/2017	Analyst: JG
Aluminum	4800	19		mg/Kg-dry	10	8/11/2017
Antimony	ND	1.9		mg/Kg-dry	10	8/11/2017
Arsenic	6.0	0.95		mg/Kg-dry	10	8/11/2017
Barium	20	0.95		mg/Kg-dry	10	8/11/2017
Beryllium	ND	0.48		mg/Kg-dry	10	8/11/2017

Qualifiers:

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Report Date: August 17, 2017

Print Date: August 17, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-18-02 (5-9)

Work Order: 17080266 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL

Collection Date: 8/8/2017 10:05:00 AM

Lab ID: 17080266-018B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed

Metals by ICP/MS

SW6020 (SW3050B)

Prep Date: 8/9/2017

Analyst: JG

Cadmium	ND	0.48		mg/Kg-dry	10	8/11/2017
Calcium	110000	57		mg/Kg-dry	10	8/11/2017
Chromium	9.4	0.95		mg/Kg-dry	10	8/11/2017
Cobalt	5.8	0.95		mg/Kg-dry	10	8/11/2017
Copper	13	2.4		mg/Kg-dry	10	8/11/2017
Iron	15000	29		mg/Kg-dry	10	8/11/2017
Lead	6.8	0.48		mg/Kg-dry	10	8/11/2017
Magnesium	62000	29		mg/Kg-dry	10	8/11/2017
Manganese	410	0.95		mg/Kg-dry	10	8/11/2017
Nickel	14	0.95		mg/Kg-dry	10	8/11/2017
Potassium	1000	29		mg/Kg-dry	10	8/11/2017
Selenium	ND	0.95		mg/Kg-dry	10	8/11/2017
Silver	ND	0.95		mg/Kg-dry	10	8/11/2017
Sodium	260	57		mg/Kg-dry	10	8/11/2017
Thallium	ND	0.95		mg/Kg-dry	10	8/11/2017
Vanadium	18	0.95		mg/Kg-dry	10	8/11/2017
Zinc	34	4.8		mg/Kg-dry	10	8/11/2017

SPLP Metals by ICP/MS

SW1312/6020 (SW3005A)

Prep Date: 8/10/2017

Analyst: JG

Arsenic	ND	0.0040		mg/L	2	8/11/2017
Barium	ND	0.020		mg/L	2	8/11/2017
Beryllium	ND	0.0020		mg/L	2	8/11/2017
Cadmium	ND	0.0020		mg/L	2	8/11/2017
Chromium	ND	0.0040		mg/L	2	8/11/2017
Cobalt	ND	0.0040		mg/L	2	8/11/2017
Copper	ND	0.040		mg/L	2	8/11/2017
Iron	2.4	0.10		mg/L	2	8/11/2017
Lead	ND	0.0020		mg/L	2	8/11/2017
Manganese	0.016	0.0040		mg/L	2	8/11/2017
Nickel	ND	0.0040		mg/L	2	8/11/2017
Selenium	ND	0.0040		mg/L	2	8/11/2017
Silver	ND	0.0040		mg/L	2	8/11/2017
Zinc	ND	0.020		mg/L	2	8/11/2017

TCLP Metals by ICP/MS

SW1311/6020 (SW3005A)

Prep Date: 8/12/2017

Analyst: JG

Arsenic	ND	0.010		mg/L	5	8/15/2017
Barium	0.21	0.050		mg/L	5	8/15/2017
Beryllium	ND	0.0050		mg/L	5	8/15/2017
Cadmium	ND	0.0050		mg/L	5	8/15/2017

Qualifiers:

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Report Date: August 17, 2017

Print Date: August 17, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-18-02 (5-9)

Work Order: 17080266 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 8/8/2017 10:05:00 AM

Lab ID: 17080266-018B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
TCLP Metals by ICP/MS	SW1311/6020 (SW3005A)		Prep Date: 8/12/2017		Analyst: JG	
Chromium	ND	0.010		mg/L	5	8/15/2017
Cobalt	ND	0.010		mg/L	5	8/15/2017
Copper	ND	0.10		mg/L	5	8/15/2017
Iron	ND	0.25		mg/L	5	8/15/2017
Lead	ND	0.0050		mg/L	5	8/15/2017
Manganese	1.3	0.010		mg/L	5	8/15/2017
Nickel	0.016	0.010		mg/L	5	8/15/2017
Selenium	ND	0.010		mg/L	5	8/15/2017
Silver	ND	0.010		mg/L	5	8/15/2017
Zinc	ND	0.050		mg/L	5	8/15/2017
TCLP Mercury	SW1311/7470A		Prep Date: 8/11/2017		Analyst: LB	
Mercury	ND	0.00020		mg/L	1	8/14/2017
SPLP Mercury	SW1312/7470A		Prep Date: 8/10/2017		Analyst: LB	
Mercury	ND	0.00025		mg/L	1	8/11/2017
Mercury	SW7471A		Prep Date: 8/10/2017		Analyst: LB	
Mercury	ND	0.019		mg/Kg-dry	1	8/11/2017
pH (25 °C)	SW9045C		Prep Date: 8/10/2017		Analyst: RW	
pH	8.97			pH Units	1	8/10/2017
Percent Moisture	D2974		Prep Date: 8/9/2017		Analyst: KKA	
Percent Moisture	8.2	0.2	*	wt%	1	8/10/2017

Qualifiers:

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E - Value above quantitation range

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Report Date: August 18, 2017

Print Date: August 18, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-56-11 (0-6)

Work Order: 17080286 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 8/7/2017 11:10:00 AM

Lab ID: 17080286-038A

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS		SW5035/8260B			Prep Date: 8/9/2017	Analyst: ERP
Acetone	ND	0.081		mg/Kg-dry	1	8/16/2017
Benzene	ND	0.0054		mg/Kg-dry	1	8/16/2017
Bromodichloromethane	ND	0.0054		mg/Kg-dry	1	8/16/2017
Bromoform	ND	0.0054		mg/Kg-dry	1	8/16/2017
Bromomethane	ND	0.011		mg/Kg-dry	1	8/16/2017
2-Butanone	ND	0.081		mg/Kg-dry	1	8/16/2017
Carbon disulfide	ND	0.054		mg/Kg-dry	1	8/16/2017
Carbon tetrachloride	ND	0.0054		mg/Kg-dry	1	8/16/2017
Chlorobenzene	ND	0.0054		mg/Kg-dry	1	8/16/2017
Chloroethane	ND	0.011		mg/Kg-dry	1	8/16/2017
Chloroform	ND	0.0054		mg/Kg-dry	1	8/16/2017
Chloromethane	ND	0.011		mg/Kg-dry	1	8/16/2017
Dibromochloromethane	ND	0.0054		mg/Kg-dry	1	8/16/2017
1,1-Dichloroethane	ND	0.0054		mg/Kg-dry	1	8/16/2017
1,2-Dichloroethane	ND	0.0054		mg/Kg-dry	1	8/16/2017
1,1-Dichloroethene	ND	0.0054		mg/Kg-dry	1	8/16/2017
cis-1,2-Dichloroethene	ND	0.0054		mg/Kg-dry	1	8/16/2017
trans-1,2-Dichloroethene	ND	0.0054		mg/Kg-dry	1	8/16/2017
1,2-Dichloropropane	ND	0.0054		mg/Kg-dry	1	8/16/2017
cis-1,3-Dichloropropene	ND	0.0021		mg/Kg-dry	1	8/16/2017
trans-1,3-Dichloropropene	ND	0.0021		mg/Kg-dry	1	8/16/2017
Ethylbenzene	ND	0.0054		mg/Kg-dry	1	8/16/2017
2-Hexanone	ND	0.021		mg/Kg-dry	1	8/16/2017
4-Methyl-2-pentanone	ND	0.021		mg/Kg-dry	1	8/16/2017
Methylene chloride	ND	0.011		mg/Kg-dry	1	8/16/2017
Methyl tert-butyl ether	ND	0.0054		mg/Kg-dry	1	8/16/2017
Styrene	ND	0.0054		mg/Kg-dry	1	8/16/2017
1,1,2,2-Tetrachloroethane	ND	0.0054		mg/Kg-dry	1	8/16/2017
Tetrachloroethene	ND	0.0054		mg/Kg-dry	1	8/16/2017
Toluene	ND	0.0054		mg/Kg-dry	1	8/16/2017
1,1,1-Trichloroethane	ND	0.0054		mg/Kg-dry	1	8/16/2017
1,1,2-Trichloroethane	ND	0.0054		mg/Kg-dry	1	8/16/2017
Trichloroethene	ND	0.0054		mg/Kg-dry	1	8/16/2017
Vinyl chloride	ND	0.0054		mg/Kg-dry	1	8/16/2017
Xylenes, Total	ND	0.016		mg/Kg-dry	1	8/16/2017

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

Report Date: August 18, 2017

Print Date: August 18, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-56-11 (0-6)

Work Order: 17080286 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL

Collection Date: 8/7/2017 11:10:00 AM

Lab ID: 17080286-038B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS		SW8270C (SW3550B)		Prep Date: 8/10/2017		Analyst: TMB
Acenaphthene	ND	0.042		mg/Kg-dry	1	8/14/2017
Acenaphthylene	ND	0.042		mg/Kg-dry	1	8/14/2017
Aniline	ND	0.43		mg/Kg-dry	1	8/14/2017
Anthracene	ND	0.042		mg/Kg-dry	1	8/14/2017
Benz(a)anthracene	ND	0.042		mg/Kg-dry	1	8/14/2017
Benzidine	ND	0.42		mg/Kg-dry	1	8/14/2017
Benzo(a)pyrene	ND	0.042		mg/Kg-dry	1	8/14/2017
Benzo(b)fluoranthene	ND	0.042		mg/Kg-dry	1	8/14/2017
Benzo(g,h,i)perylene	ND	0.042		mg/Kg-dry	1	8/14/2017
Benzo(k)fluoranthene	ND	0.042		mg/Kg-dry	1	8/14/2017
Benzoic acid	ND	1.1		mg/Kg-dry	1	8/14/2017
Benzyl alcohol	ND	0.22		mg/Kg-dry	1	8/14/2017
Bis(2-chloroethoxy)methane	ND	0.22		mg/Kg-dry	1	8/14/2017
Bis(2-chloroethyl)ether	ND	0.22		mg/Kg-dry	1	8/14/2017
Bis(2-ethylhexyl)phthalate	ND	1.1		mg/Kg-dry	1	8/14/2017
4-Bromophenyl phenyl ether	ND	0.22		mg/Kg-dry	1	8/14/2017
Butyl benzyl phthalate	ND	0.22		mg/Kg-dry	1	8/14/2017
Carbazole	ND	0.22		mg/Kg-dry	1	8/14/2017
4-Chloroaniline	ND	0.22		mg/Kg-dry	1	8/14/2017
4-Chloro-3-methylphenol	ND	0.42		mg/Kg-dry	1	8/14/2017
2-Chloronaphthalene	ND	0.22		mg/Kg-dry	1	8/14/2017
2-Chlorophenol	ND	0.22		mg/Kg-dry	1	8/14/2017
4-Chlorophenyl phenyl ether	ND	0.22		mg/Kg-dry	1	8/14/2017
Chrysene	ND	0.042		mg/Kg-dry	1	8/14/2017
Dibenz(a,h)anthracene	ND	0.042		mg/Kg-dry	1	8/14/2017
Dibenzofuran	ND	0.22		mg/Kg-dry	1	8/14/2017
1,2-Dichlorobenzene	ND	0.22		mg/Kg-dry	1	8/14/2017
1,3-Dichlorobenzene	ND	0.22		mg/Kg-dry	1	8/14/2017
1,4-Dichlorobenzene	ND	0.22		mg/Kg-dry	1	8/14/2017
3,3'-Dichlorobenzidine	ND	0.22		mg/Kg-dry	1	8/14/2017
2,4-Dichlorophenol	ND	0.22		mg/Kg-dry	1	8/14/2017
Diethyl phthalate	ND	0.22		mg/Kg-dry	1	8/14/2017
2,4-Dimethylphenol	ND	0.22		mg/Kg-dry	1	8/14/2017
Dimethyl phthalate	ND	0.22		mg/Kg-dry	1	8/14/2017
4,6-Dinitro-2-methylphenol	ND	0.42		mg/Kg-dry	1	8/14/2017
2,4-Dinitrophenol	ND	1.1		mg/Kg-dry	1	8/14/2017
2,4-Dinitrotoluene	ND	0.042		mg/Kg-dry	1	8/14/2017
2,6-Dinitrotoluene	ND	0.042		mg/Kg-dry	1	8/14/2017

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

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

Report Date: August 18, 2017

Print Date: August 18, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-56-11 (0-6)

Work Order: 17080286 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL

Collection Date: 8/7/2017 11:10:00 AM

Lab ID: 17080286-038B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS						
	SW8270C (SW3550B)					Prep Date: 8/10/2017 Analyst: TMB
Di-n-butyl phthalate	ND	0.22		mg/Kg-dry	1	8/14/2017
Di-n-octyl phthalate	ND	0.22		mg/Kg-dry	1	8/14/2017
Fluoranthene	ND	0.042		mg/Kg-dry	1	8/14/2017
Fluorene	ND	0.042		mg/Kg-dry	1	8/14/2017
Hexachlorobenzene	ND	0.22		mg/Kg-dry	1	8/14/2017
Hexachlorobutadiene	ND	0.22		mg/Kg-dry	1	8/14/2017
Hexachlorocyclopentadiene	ND	0.22		mg/Kg-dry	1	8/14/2017
Hexachloroethane	ND	0.22		mg/Kg-dry	1	8/14/2017
Indeno(1,2,3-cd)pyrene	ND	0.042		mg/Kg-dry	1	8/14/2017
Isophorone	ND	0.22		mg/Kg-dry	1	8/14/2017
2-Methylnaphthalene	ND	0.22		mg/Kg-dry	1	8/14/2017
2-Methylphenol	ND	0.22		mg/Kg-dry	1	8/14/2017
4-Methylphenol	ND	0.22		mg/Kg-dry	1	8/14/2017
Naphthalene	ND	0.042		mg/Kg-dry	1	8/14/2017
2-Nitroaniline	ND	0.22		mg/Kg-dry	1	8/14/2017
3-Nitroaniline	ND	0.22		mg/Kg-dry	1	8/14/2017
4-Nitroaniline	ND	0.22		mg/Kg-dry	1	8/14/2017
2-Nitrophenol	ND	0.22		mg/Kg-dry	1	8/14/2017
4-Nitrophenol	ND	0.42		mg/Kg-dry	1	8/14/2017
Nitrobenzene	ND	0.042		mg/Kg-dry	1	8/14/2017
N-Nitrosodi-n-propylamine	ND	0.042		mg/Kg-dry	1	8/14/2017
N-Nitrosodimethylamine	ND	0.22		mg/Kg-dry	1	8/14/2017
N-Nitrosodiphenylamine	ND	0.22		mg/Kg-dry	1	8/14/2017
2, 2'-oxybis(1-Chloropropane)	ND	0.22		mg/Kg-dry	1	8/14/2017
Pentachlorophenol	ND	0.086		mg/Kg-dry	1	8/14/2017
Phenanthrene	ND	0.042		mg/Kg-dry	1	8/14/2017
Phenol	ND	0.22		mg/Kg-dry	1	8/14/2017
Pyrene	ND	0.042		mg/Kg-dry	1	8/14/2017
Pyridine	ND	0.86		mg/Kg-dry	1	8/14/2017
1,2,4-Trichlorobenzene	ND	0.22		mg/Kg-dry	1	8/14/2017
2,4,5-Trichlorophenol	ND	0.22		mg/Kg-dry	1	8/14/2017
2,4,6-Trichlorophenol	ND	0.22		mg/Kg-dry	1	8/14/2017
Metals by ICP/MS						
	SW6020 (SW3050B)					Prep Date: 8/10/2017 Analyst: JG
Aluminum	11000	22		mg/Kg-dry	10	8/15/2017
Antimony	ND	2.2		mg/Kg-dry	10	8/15/2017
Arsenic	9.3	1.1		mg/Kg-dry	10	8/15/2017
Barium	100	1.1		mg/Kg-dry	10	8/15/2017
Beryllium	0.70	0.54		mg/Kg-dry	10	8/15/2017

Qualifiers:

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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

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

Report Date: August 18, 2017

Print Date: August 18, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-56-11 (0-6)

Work Order: 17080286 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 8/7/2017 11:10:00 AM

Lab ID: 17080286-038B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed

Metals by ICP/MS

SW6020 (SW3050B)

Prep Date: 8/10/2017

Analyst: JG

Cadmium	ND	0.54		mg/Kg-dry	10	8/15/2017
Calcium	51000	65		mg/Kg-dry	10	8/15/2017
Chromium	19	1.1		mg/Kg-dry	10	8/15/2017
Cobalt	10	1.1		mg/Kg-dry	10	8/15/2017
Copper	23	2.7		mg/Kg-dry	10	8/15/2017
Iron	23000	32		mg/Kg-dry	10	8/15/2017
Lead	23	0.54		mg/Kg-dry	10	8/15/2017
Magnesium	30000	32		mg/Kg-dry	10	8/15/2017
Manganese	650	1.1		mg/Kg-dry	10	8/15/2017
Nickel	26	1.1		mg/Kg-dry	10	8/15/2017
Potassium	1400	32		mg/Kg-dry	10	8/15/2017
Selenium	ND	1.1		mg/Kg-dry	10	8/15/2017
Silver	ND	1.1		mg/Kg-dry	10	8/15/2017
Sodium	210	65		mg/Kg-dry	10	8/15/2017
Thallium	ND	1.1		mg/Kg-dry	10	8/15/2017
Vanadium	29	1.1		mg/Kg-dry	10	8/15/2017
Zinc	66	5.4		mg/Kg-dry	10	8/15/2017

SPLP Metals by ICP/MS

SW1312/6020 (SW3005A)

Prep Date: 8/16/2017

Analyst: JG

Arsenic	ND	0.0040		mg/L	2	8/17/2017
Barium	0.022	0.020		mg/L	2	8/17/2017
Beryllium	ND	0.0020		mg/L	2	8/17/2017
Cadmium	ND	0.0020		mg/L	2	8/17/2017
Chromium	0.0072	0.0040		mg/L	2	8/17/2017
Cobalt	ND	0.0040		mg/L	2	8/17/2017
Copper	ND	0.040		mg/L	2	8/17/2017
Iron	5.5	0.10		mg/L	2	8/17/2017
Lead	0.0022	0.0020		mg/L	2	8/17/2017
Manganese	0.030	0.0040		mg/L	2	8/17/2017
Nickel	0.0048	0.0040		mg/L	2	8/17/2017
Selenium	ND	0.0040		mg/L	2	8/17/2017
Silver	ND	0.0040		mg/L	2	8/17/2017
Zinc	ND	0.040		mg/L	2	8/17/2017

TCLP Metals by ICP/MS

SW1311/6020 (SW3005A)

Prep Date: 8/17/2017

Analyst: JG

Arsenic	ND	0.010		mg/L	5	8/17/2017
Barium	0.83	0.050		mg/L	5	8/17/2017
Beryllium	ND	0.0050		mg/L	5	8/17/2017
Cadmium	ND	0.0050		mg/L	5	8/17/2017

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

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E - Value above quantitation range

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Report Date: August 18, 2017

Print Date: August 18, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-56-11 (0-6)

Work Order: 17080286 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL

Collection Date: 8/7/2017 11:10:00 AM

Lab ID: 17080286-038B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
TCLP Metals by ICP/MS	SW1311/6020 (SW3005A)					Prep Date: 8/17/2017 Analyst: JG
Chromium	ND	0.010		mg/L	5	8/17/2017
Cobalt	ND	0.010		mg/L	5	8/17/2017
Copper	ND	0.10		mg/L	5	8/17/2017
Iron	ND	0.25		mg/L	5	8/17/2017
Lead	ND	0.0050		mg/L	5	8/17/2017
Manganese	0.19	0.010		mg/L	5	8/17/2017
Nickel	ND	0.010		mg/L	5	8/17/2017
Selenium	ND	0.010		mg/L	5	8/17/2017
Silver	ND	0.010		mg/L	5	8/17/2017
Zinc	ND	0.050		mg/L	5	8/17/2017
TCLP Mercury	SW1311/7470A					Prep Date: 8/17/2017 Analyst: LB
Mercury	ND	0.00020		mg/L	1	8/17/2017
SPLP Mercury	SW1312/7470A					Prep Date: 8/15/2017 Analyst: LB
Mercury	ND	0.00025		mg/L	1	8/16/2017
Mercury	SW7471A					Prep Date: 8/11/2017 Analyst: LB
Mercury	0.027	0.024		mg/Kg-dry	1	8/14/2017
pH (25 °C)	SW9045C					Prep Date: 8/15/2017 Analyst: PBG
pH	8.28			pH Units	1	8/15/2017
Percent Moisture	D2974					Prep Date: 8/10/2017 Analyst: KKA
Percent Moisture	22.6	0.2	*	wt%	1	8/11/2017

Qualifiers:

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Report Date: August 18, 2017

Print Date: August 18, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-56-11 (6-12)

Work Order: 17080286 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL

Collection Date: 8/7/2017 11:03:00 AM

Lab ID: 17080286-039A

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS		SW5035/8260B		Prep Date: 8/9/2017		Analyst: JNM
Acetone	ND	0.081		mg/Kg-dry	1	8/15/2017
Benzene	ND	0.0054		mg/Kg-dry	1	8/15/2017
Bromodichloromethane	ND	0.0054		mg/Kg-dry	1	8/15/2017
Bromoform	ND	0.0054		mg/Kg-dry	1	8/15/2017
Bromomethane	ND	0.011		mg/Kg-dry	1	8/15/2017
2-Butanone	ND	0.081		mg/Kg-dry	1	8/15/2017
Carbon disulfide	ND	0.054		mg/Kg-dry	1	8/15/2017
Carbon tetrachloride	ND	0.0054		mg/Kg-dry	1	8/15/2017
Chlorobenzene	ND	0.0054		mg/Kg-dry	1	8/15/2017
Chloroethane	ND	0.011		mg/Kg-dry	1	8/15/2017
Chloroform	ND	0.0054		mg/Kg-dry	1	8/15/2017
Chloromethane	ND	0.011		mg/Kg-dry	1	8/15/2017
Dibromochloromethane	ND	0.0054		mg/Kg-dry	1	8/15/2017
1,1-Dichloroethane	ND	0.0054		mg/Kg-dry	1	8/15/2017
1,2-Dichloroethane	ND	0.0054		mg/Kg-dry	1	8/15/2017
1,1-Dichloroethene	ND	0.0054		mg/Kg-dry	1	8/15/2017
cis-1,2-Dichloroethene	ND	0.0054		mg/Kg-dry	1	8/15/2017
trans-1,2-Dichloroethene	ND	0.0054		mg/Kg-dry	1	8/15/2017
1,2-Dichloropropane	ND	0.0054		mg/Kg-dry	1	8/15/2017
cis-1,3-Dichloropropene	ND	0.0022		mg/Kg-dry	1	8/15/2017
trans-1,3-Dichloropropene	ND	0.0022		mg/Kg-dry	1	8/15/2017
Ethylbenzene	ND	0.0054		mg/Kg-dry	1	8/15/2017
2-Hexanone	ND	0.022		mg/Kg-dry	1	8/15/2017
4-Methyl-2-pentanone	ND	0.022		mg/Kg-dry	1	8/15/2017
Methylene chloride	ND	0.011		mg/Kg-dry	1	8/15/2017
Methyl tert-butyl ether	ND	0.0054		mg/Kg-dry	1	8/15/2017
Styrene	ND	0.0054		mg/Kg-dry	1	8/15/2017
1,1,2,2-Tetrachloroethane	ND	0.0054		mg/Kg-dry	1	8/15/2017
Tetrachloroethene	ND	0.0054		mg/Kg-dry	1	8/15/2017
Toluene	ND	0.0054		mg/Kg-dry	1	8/15/2017
1,1,1-Trichloroethane	ND	0.0054		mg/Kg-dry	1	8/15/2017
1,1,2-Trichloroethane	ND	0.0054		mg/Kg-dry	1	8/15/2017
Trichloroethene	ND	0.0054		mg/Kg-dry	1	8/15/2017
Vinyl chloride	ND	0.0054		mg/Kg-dry	1	8/15/2017
Xylenes, Total	ND	0.016		mg/Kg-dry	1	8/15/2017

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

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Report Date: August 18, 2017

Print Date: August 18, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-56-11 (6-12)

Work Order: 17080286 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL

Collection Date: 8/7/2017 11:03:00 AM

Lab ID: 17080286-039B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS		SW8270C (SW3550B)		Prep Date: 8/11/2017		Analyst: TMB
Acenaphthene	ND	0.040		mg/Kg-dry	1	8/14/2017
Acenaphthylene	ND	0.040		mg/Kg-dry	1	8/14/2017
Aniline	ND	0.41		mg/Kg-dry	1	8/14/2017
Anthracene	ND	0.040		mg/Kg-dry	1	8/14/2017
Benz(a)anthracene	ND	0.040		mg/Kg-dry	1	8/14/2017
Benzidine	ND	0.40		mg/Kg-dry	1	8/14/2017
Benzo(a)pyrene	ND	0.040		mg/Kg-dry	1	8/14/2017
Benzo(b)fluoranthene	ND	0.040		mg/Kg-dry	1	8/14/2017
Benzo(g,h,i)perylene	ND	0.040		mg/Kg-dry	1	8/14/2017
Benzo(k)fluoranthene	ND	0.040		mg/Kg-dry	1	8/14/2017
Benzoic acid	ND	1.0		mg/Kg-dry	1	8/14/2017
Benzyl alcohol	ND	0.21		mg/Kg-dry	1	8/14/2017
Bis(2-chloroethoxy)methane	ND	0.21		mg/Kg-dry	1	8/14/2017
Bis(2-chloroethyl)ether	ND	0.21		mg/Kg-dry	1	8/14/2017
Bis(2-ethylhexyl)phthalate	ND	1.0		mg/Kg-dry	1	8/14/2017
4-Bromophenyl phenyl ether	ND	0.21		mg/Kg-dry	1	8/14/2017
Butyl benzyl phthalate	ND	0.21		mg/Kg-dry	1	8/14/2017
Carbazole	ND	0.21		mg/Kg-dry	1	8/14/2017
4-Chloroaniline	ND	0.21		mg/Kg-dry	1	8/14/2017
4-Chloro-3-methylphenol	ND	0.40		mg/Kg-dry	1	8/14/2017
2-Chloronaphthalene	ND	0.21		mg/Kg-dry	1	8/14/2017
2-Chlorophenol	ND	0.21		mg/Kg-dry	1	8/14/2017
4-Chlorophenyl phenyl ether	ND	0.21		mg/Kg-dry	1	8/14/2017
Chrysene	ND	0.040		mg/Kg-dry	1	8/14/2017
Dibenz(a,h)anthracene	ND	0.040		mg/Kg-dry	1	8/14/2017
Dibenzofuran	ND	0.21		mg/Kg-dry	1	8/14/2017
1,2-Dichlorobenzene	ND	0.21		mg/Kg-dry	1	8/14/2017
1,3-Dichlorobenzene	ND	0.21		mg/Kg-dry	1	8/14/2017
1,4-Dichlorobenzene	ND	0.21		mg/Kg-dry	1	8/14/2017
3,3'-Dichlorobenzidine	ND	0.21		mg/Kg-dry	1	8/14/2017
2,4-Dichlorophenol	ND	0.21		mg/Kg-dry	1	8/14/2017
Diethyl phthalate	ND	0.21		mg/Kg-dry	1	8/14/2017
2,4-Dimethylphenol	ND	0.21		mg/Kg-dry	1	8/14/2017
Dimethyl phthalate	ND	0.21		mg/Kg-dry	1	8/14/2017
4,6-Dinitro-2-methylphenol	ND	0.40		mg/Kg-dry	1	8/14/2017
2,4-Dinitrophenol	ND	1.0		mg/Kg-dry	1	8/14/2017
2,4-Dinitrotoluene	ND	0.040		mg/Kg-dry	1	8/14/2017
2,6-Dinitrotoluene	ND	0.040		mg/Kg-dry	1	8/14/2017

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

HT - Sample received past holding time

* - Non-accredited parameter

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Report Date: August 18, 2017

Print Date: August 18, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-56-11 (6-12)

Work Order: 17080286 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 8/7/2017 11:03:00 AM

Lab ID: 17080286-039B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS						
	SW8270C (SW3550B)					Prep Date: 8/11/2017 Analyst: TMB
Di-n-butyl phthalate	ND	0.21		mg/Kg-dry	1	8/14/2017
Di-n-octyl phthalate	ND	0.21		mg/Kg-dry	1	8/14/2017
Fluoranthene	ND	0.040		mg/Kg-dry	1	8/14/2017
Fluorene	ND	0.040		mg/Kg-dry	1	8/14/2017
Hexachlorobenzene	ND	0.21		mg/Kg-dry	1	8/14/2017
Hexachlorobutadiene	ND	0.21		mg/Kg-dry	1	8/14/2017
Hexachlorocyclopentadiene	ND	0.21		mg/Kg-dry	1	8/14/2017
Hexachloroethane	ND	0.21		mg/Kg-dry	1	8/14/2017
Indeno(1,2,3-cd)pyrene	ND	0.040		mg/Kg-dry	1	8/14/2017
Isophorone	ND	0.21		mg/Kg-dry	1	8/14/2017
2-Methylnaphthalene	ND	0.21		mg/Kg-dry	1	8/14/2017
2-Methylphenol	ND	0.21		mg/Kg-dry	1	8/14/2017
4-Methylphenol	ND	0.21		mg/Kg-dry	1	8/14/2017
Naphthalene	ND	0.040		mg/Kg-dry	1	8/14/2017
2-Nitroaniline	ND	0.21		mg/Kg-dry	1	8/14/2017
3-Nitroaniline	ND	0.21		mg/Kg-dry	1	8/14/2017
4-Nitroaniline	ND	0.21		mg/Kg-dry	1	8/14/2017
2-Nitrophenol	ND	0.21		mg/Kg-dry	1	8/14/2017
4-Nitrophenol	ND	0.40		mg/Kg-dry	1	8/14/2017
Nitrobenzene	ND	0.040		mg/Kg-dry	1	8/14/2017
N-Nitrosodi-n-propylamine	ND	0.040		mg/Kg-dry	1	8/14/2017
N-Nitrosodimethylamine	ND	0.21		mg/Kg-dry	1	8/14/2017
N-Nitrosodiphenylamine	ND	0.21		mg/Kg-dry	1	8/14/2017
2, 2'-oxybis(1-Chloropropane)	ND	0.21		mg/Kg-dry	1	8/14/2017
Pentachlorophenol	ND	0.082		mg/Kg-dry	1	8/14/2017
Phenanthrene	ND	0.040		mg/Kg-dry	1	8/14/2017
Phenol	ND	0.21		mg/Kg-dry	1	8/14/2017
Pyrene	ND	0.040		mg/Kg-dry	1	8/14/2017
Pyridine	ND	0.82		mg/Kg-dry	1	8/14/2017
1,2,4-Trichlorobenzene	ND	0.21		mg/Kg-dry	1	8/14/2017
2,4,5-Trichlorophenol	ND	0.21		mg/Kg-dry	1	8/14/2017
2,4,6-Trichlorophenol	ND	0.21		mg/Kg-dry	1	8/14/2017
Metals by ICP/MS						
	SW6020 (SW3050B)					Prep Date: 8/10/2017 Analyst: JG
Aluminum	9700	21		mg/Kg-dry	10	8/14/2017
Antimony	ND	2.1		mg/Kg-dry	10	8/14/2017
Arsenic	6.3	1.0		mg/Kg-dry	10	8/14/2017
Barium	86	1.0		mg/Kg-dry	10	8/14/2017
Beryllium	0.63	0.52		mg/Kg-dry	10	8/14/2017

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

HT - Sample received past holding time

* - Non-accredited parameter

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

Report Date: August 18, 2017

Print Date: August 18, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-56-11 (6-12)

Work Order: 17080286 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL

Collection Date: 8/7/2017 11:03:00 AM

Lab ID: 17080286-039B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed

Metals by ICP/MS

SW6020 (SW3050B)

Prep Date: 8/10/2017

Analyst: JG

Cadmium	ND	0.52		mg/Kg-dry	10	8/14/2017
Calcium	66000	62		mg/Kg-dry	10	8/14/2017
Chromium	18	1.0		mg/Kg-dry	10	8/14/2017
Cobalt	12	1.0		mg/Kg-dry	10	8/14/2017
Copper	20	2.6		mg/Kg-dry	10	8/14/2017
Iron	19000	31		mg/Kg-dry	10	8/14/2017
Lead	14	0.52		mg/Kg-dry	10	8/14/2017
Magnesium	31000	31		mg/Kg-dry	10	8/14/2017
Manganese	340	1.0		mg/Kg-dry	10	8/14/2017
Nickel	20	1.0		mg/Kg-dry	10	8/14/2017
Potassium	1700	41		mg/Kg-dry	10	8/14/2017
Selenium	ND	1.0		mg/Kg-dry	10	8/14/2017
Silver	ND	1.0		mg/Kg-dry	10	8/14/2017
Sodium	1400	62		mg/Kg-dry	10	8/14/2017
Thallium	ND	1.0		mg/Kg-dry	10	8/14/2017
Vanadium	25	1.0		mg/Kg-dry	10	8/14/2017
Zinc	58	5.2		mg/Kg-dry	10	8/14/2017

SPLP Metals by ICP/MS

SW1312/6020 (SW3005A)

Prep Date: 8/16/2017

Analyst: JG

Arsenic	0.0074	0.0040		mg/L	2	8/17/2017
Barium	0.042	0.020		mg/L	2	8/17/2017
Beryllium	ND	0.0020		mg/L	2	8/17/2017
Cadmium	ND	0.0020		mg/L	2	8/17/2017
Chromium	0.013	0.0040		mg/L	2	8/17/2017
Cobalt	ND	0.0040		mg/L	2	8/17/2017
Copper	ND	0.040		mg/L	2	8/17/2017
Iron	12	0.10		mg/L	2	8/17/2017
Lead	0.0061	0.0020		mg/L	2	8/17/2017
Manganese	0.053	0.0040		mg/L	2	8/17/2017
Nickel	0.0085	0.0040		mg/L	2	8/17/2017
Selenium	ND	0.0040		mg/L	2	8/17/2017
Silver	ND	0.0040		mg/L	2	8/17/2017
Zinc	0.048	0.040		mg/L	2	8/17/2017

TCLP Metals by ICP/MS

SW1311/6020 (SW3005A)

Prep Date: 8/17/2017

Analyst: JG

Arsenic	ND	0.010		mg/L	5	8/18/2017
Barium	0.81	0.050		mg/L	5	8/17/2017
Beryllium	ND	0.0050		mg/L	5	8/17/2017
Cadmium	ND	0.0050		mg/L	5	8/17/2017

Qualifiers:

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S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

H - Holding time exceeded

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

Report Date: August 18, 2017

Print Date: August 18, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-56-11 (6-12)

Work Order: 17080286 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL

Collection Date: 8/7/2017 11:03:00 AM

Lab ID: 17080286-039B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
TCLP Metals by ICP/MS	SW1311/6020 (SW3005A)		Prep Date: 8/17/2017		Analyst: JG	
Chromium	ND	0.010		mg/L	5	8/17/2017
Cobalt	ND	0.010		mg/L	5	8/17/2017
Copper	ND	0.10		mg/L	5	8/17/2017
Iron	ND	0.25		mg/L	5	8/17/2017
Lead	ND	0.0050		mg/L	5	8/17/2017
Manganese	1.1	0.010		mg/L	5	8/17/2017
Nickel	0.016	0.010		mg/L	5	8/17/2017
Selenium	ND	0.010		mg/L	5	8/18/2017
Silver	ND	0.010		mg/L	5	8/17/2017
Zinc	ND	0.050		mg/L	5	8/17/2017
TCLP Mercury	SW1311/7470A		Prep Date: 8/17/2017		Analyst: LB	
Mercury	ND	0.00020		mg/L	1	8/17/2017
SPLP Mercury	SW1312/7470A		Prep Date: 8/15/2017		Analyst: LB	
Mercury	ND	0.00025		mg/L	1	8/16/2017
Mercury	SW7471A		Prep Date: 8/11/2017		Analyst: LB	
Mercury	ND	0.024		mg/Kg-dry	1	8/14/2017
pH (25 °C)	SW9045C		Prep Date: 8/15/2017		Analyst: PBG	
pH	8.39			pH Units	1	8/15/2017
Percent Moisture	D2974		Prep Date: 8/10/2017		Analyst: KKA	
Percent Moisture	18.5	0.2	*	wt%	1	8/11/2017

Qualifiers:

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Report Date: August 18, 2017

Print Date: August 18, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-56-11 (12-18)

Work Order: 17080286 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL

Collection Date: 8/7/2017 11:06:00 AM

Lab ID: 17080286-040A

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS		SW5035/8260B		Prep Date: 8/9/2017		Analyst: JNM
Acetone	ND	0.076		mg/Kg-dry	1	8/15/2017
Benzene	ND	0.0050		mg/Kg-dry	1	8/15/2017
Bromodichloromethane	ND	0.0050		mg/Kg-dry	1	8/15/2017
Bromoform	ND	0.0050		mg/Kg-dry	1	8/15/2017
Bromomethane	ND	0.010		mg/Kg-dry	1	8/15/2017
2-Butanone	ND	0.076		mg/Kg-dry	1	8/15/2017
Carbon disulfide	ND	0.050		mg/Kg-dry	1	8/15/2017
Carbon tetrachloride	ND	0.0050		mg/Kg-dry	1	8/15/2017
Chlorobenzene	ND	0.0050		mg/Kg-dry	1	8/15/2017
Chloroethane	ND	0.010		mg/Kg-dry	1	8/15/2017
Chloroform	ND	0.0050		mg/Kg-dry	1	8/15/2017
Chloromethane	ND	0.010		mg/Kg-dry	1	8/15/2017
Dibromochloromethane	ND	0.0050		mg/Kg-dry	1	8/15/2017
1,1-Dichloroethane	ND	0.0050		mg/Kg-dry	1	8/15/2017
1,2-Dichloroethane	ND	0.0050		mg/Kg-dry	1	8/15/2017
1,1-Dichloroethene	ND	0.0050		mg/Kg-dry	1	8/15/2017
cis-1,2-Dichloroethene	ND	0.0050		mg/Kg-dry	1	8/15/2017
trans-1,2-Dichloroethene	ND	0.0050		mg/Kg-dry	1	8/15/2017
1,2-Dichloropropane	ND	0.0050		mg/Kg-dry	1	8/15/2017
cis-1,3-Dichloropropene	ND	0.0020		mg/Kg-dry	1	8/15/2017
trans-1,3-Dichloropropene	ND	0.0020		mg/Kg-dry	1	8/15/2017
Ethylbenzene	ND	0.0050		mg/Kg-dry	1	8/15/2017
2-Hexanone	ND	0.020		mg/Kg-dry	1	8/15/2017
4-Methyl-2-pentanone	ND	0.020		mg/Kg-dry	1	8/15/2017
Methylene chloride	ND	0.010		mg/Kg-dry	1	8/15/2017
Methyl tert-butyl ether	ND	0.0050		mg/Kg-dry	1	8/15/2017
Styrene	ND	0.0050		mg/Kg-dry	1	8/15/2017
1,1,2,2-Tetrachloroethane	ND	0.0050		mg/Kg-dry	1	8/15/2017
Tetrachloroethene	ND	0.0050		mg/Kg-dry	1	8/15/2017
Toluene	ND	0.0050		mg/Kg-dry	1	8/15/2017
1,1,1-Trichloroethane	ND	0.0050		mg/Kg-dry	1	8/15/2017
1,1,2-Trichloroethane	ND	0.0050		mg/Kg-dry	1	8/15/2017
Trichloroethene	ND	0.0050		mg/Kg-dry	1	8/15/2017
Vinyl chloride	ND	0.0050		mg/Kg-dry	1	8/15/2017
Xylenes, Total	ND	0.015		mg/Kg-dry	1	8/15/2017

Qualifiers:

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Report Date: August 18, 2017

Print Date: August 18, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-56-11 (12-18)

Work Order: 17080286 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL

Collection Date: 8/7/2017 11:06:00 AM

Lab ID: 17080286-040B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS		SW8270C (SW3550B)		Prep Date: 8/11/2017		Analyst: TMB
Acenaphthene	ND	0.041		mg/Kg-dry	1	8/14/2017
Acenaphthylene	ND	0.041		mg/Kg-dry	1	8/14/2017
Aniline	ND	0.41		mg/Kg-dry	1	8/14/2017
Anthracene	ND	0.041		mg/Kg-dry	1	8/14/2017
Benz(a)anthracene	ND	0.041		mg/Kg-dry	1	8/14/2017
Benzidine	ND	0.41		mg/Kg-dry	1	8/14/2017
Benzo(a)pyrene	ND	0.041		mg/Kg-dry	1	8/14/2017
Benzo(b)fluoranthene	ND	0.041		mg/Kg-dry	1	8/14/2017
Benzo(g,h,i)perylene	ND	0.041		mg/Kg-dry	1	8/14/2017
Benzo(k)fluoranthene	ND	0.041		mg/Kg-dry	1	8/14/2017
Benzoic acid	ND	1.0		mg/Kg-dry	1	8/14/2017
Benzyl alcohol	ND	0.21		mg/Kg-dry	1	8/14/2017
Bis(2-chloroethoxy)methane	ND	0.21		mg/Kg-dry	1	8/14/2017
Bis(2-chloroethyl)ether	ND	0.21		mg/Kg-dry	1	8/14/2017
Bis(2-ethylhexyl)phthalate	ND	1.0		mg/Kg-dry	1	8/14/2017
4-Bromophenyl phenyl ether	ND	0.21		mg/Kg-dry	1	8/14/2017
Butyl benzyl phthalate	ND	0.21		mg/Kg-dry	1	8/14/2017
Carbazole	ND	0.21		mg/Kg-dry	1	8/14/2017
4-Chloroaniline	ND	0.21		mg/Kg-dry	1	8/14/2017
4-Chloro-3-methylphenol	ND	0.41		mg/Kg-dry	1	8/14/2017
2-Chloronaphthalene	ND	0.21		mg/Kg-dry	1	8/14/2017
2-Chlorophenol	ND	0.21		mg/Kg-dry	1	8/14/2017
4-Chlorophenyl phenyl ether	ND	0.21		mg/Kg-dry	1	8/14/2017
Chrysene	ND	0.041		mg/Kg-dry	1	8/14/2017
Dibenz(a,h)anthracene	ND	0.041		mg/Kg-dry	1	8/14/2017
Dibenzofuran	ND	0.21		mg/Kg-dry	1	8/14/2017
1,2-Dichlorobenzene	ND	0.21		mg/Kg-dry	1	8/14/2017
1,3-Dichlorobenzene	ND	0.21		mg/Kg-dry	1	8/14/2017
1,4-Dichlorobenzene	ND	0.21		mg/Kg-dry	1	8/14/2017
3,3'-Dichlorobenzidine	ND	0.21		mg/Kg-dry	1	8/14/2017
2,4-Dichlorophenol	ND	0.21		mg/Kg-dry	1	8/14/2017
Diethyl phthalate	ND	0.21		mg/Kg-dry	1	8/14/2017
2,4-Dimethylphenol	ND	0.21		mg/Kg-dry	1	8/14/2017
Dimethyl phthalate	ND	0.21		mg/Kg-dry	1	8/14/2017
4,6-Dinitro-2-methylphenol	ND	0.41		mg/Kg-dry	1	8/14/2017
2,4-Dinitrophenol	ND	1.0		mg/Kg-dry	1	8/14/2017
2,4-Dinitrotoluene	ND	0.041		mg/Kg-dry	1	8/14/2017
2,6-Dinitrotoluene	ND	0.041		mg/Kg-dry	1	8/14/2017

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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Report Date: August 18, 2017

Print Date: August 18, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-56-11 (12-18)

Work Order: 17080286 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL

Collection Date: 8/7/2017 11:06:00 AM

Lab ID: 17080286-040B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS						
	SW8270C (SW3550B)					Prep Date: 8/11/2017 Analyst: TMB
Di-n-butyl phthalate	ND	0.21		mg/Kg-dry	1	8/14/2017
Di-n-octyl phthalate	ND	0.21		mg/Kg-dry	1	8/14/2017
Fluoranthene	ND	0.041		mg/Kg-dry	1	8/14/2017
Fluorene	ND	0.041		mg/Kg-dry	1	8/14/2017
Hexachlorobenzene	ND	0.21		mg/Kg-dry	1	8/14/2017
Hexachlorobutadiene	ND	0.21		mg/Kg-dry	1	8/14/2017
Hexachlorocyclopentadiene	ND	0.21		mg/Kg-dry	1	8/14/2017
Hexachloroethane	ND	0.21		mg/Kg-dry	1	8/14/2017
Indeno(1,2,3-cd)pyrene	ND	0.041		mg/Kg-dry	1	8/14/2017
Isophorone	ND	0.21		mg/Kg-dry	1	8/14/2017
2-Methylnaphthalene	ND	0.21		mg/Kg-dry	1	8/14/2017
2-Methylphenol	ND	0.21		mg/Kg-dry	1	8/14/2017
4-Methylphenol	ND	0.21		mg/Kg-dry	1	8/14/2017
Naphthalene	ND	0.041		mg/Kg-dry	1	8/14/2017
2-Nitroaniline	ND	0.21		mg/Kg-dry	1	8/14/2017
3-Nitroaniline	ND	0.21		mg/Kg-dry	1	8/14/2017
4-Nitroaniline	ND	0.21		mg/Kg-dry	1	8/14/2017
2-Nitrophenol	ND	0.21		mg/Kg-dry	1	8/14/2017
4-Nitrophenol	ND	0.41		mg/Kg-dry	1	8/14/2017
Nitrobenzene	ND	0.041		mg/Kg-dry	1	8/14/2017
N-Nitrosodi-n-propylamine	ND	0.041		mg/Kg-dry	1	8/14/2017
N-Nitrosodimethylamine	ND	0.21		mg/Kg-dry	1	8/14/2017
N-Nitrosodiphenylamine	ND	0.21		mg/Kg-dry	1	8/14/2017
2, 2'-oxybis(1-Chloropropane)	ND	0.21		mg/Kg-dry	1	8/14/2017
Pentachlorophenol	ND	0.082		mg/Kg-dry	1	8/14/2017
Phenanthrene	ND	0.041		mg/Kg-dry	1	8/14/2017
Phenol	ND	0.21		mg/Kg-dry	1	8/14/2017
Pyrene	ND	0.041		mg/Kg-dry	1	8/14/2017
Pyridine	ND	0.82		mg/Kg-dry	1	8/14/2017
1,2,4-Trichlorobenzene	ND	0.21		mg/Kg-dry	1	8/14/2017
2,4,5-Trichlorophenol	ND	0.21		mg/Kg-dry	1	8/14/2017
2,4,6-Trichlorophenol	ND	0.21		mg/Kg-dry	1	8/14/2017
Metals by ICP/MS						
	SW6020 (SW3050B)					Prep Date: 8/10/2017 Analyst: JG
Aluminum	7900	21		mg/Kg-dry	10	8/15/2017
Antimony	ND	2.1		mg/Kg-dry	10	8/15/2017
Arsenic	8.4	1.0		mg/Kg-dry	10	8/15/2017
Barium	79	1.0		mg/Kg-dry	10	8/15/2017
Beryllium	0.57	0.52		mg/Kg-dry	10	8/15/2017

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

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Report Date: August 18, 2017

Print Date: August 18, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-56-11 (12-18)

Work Order: 17080286 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL

Collection Date: 8/7/2017 11:06:00 AM

Lab ID: 17080286-040B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed

Metals by ICP/MS

SW6020 (SW3050B)

Prep Date: 8/10/2017

Analyst: JG

Cadmium	ND	0.52		mg/Kg-dry	10	8/15/2017
Calcium	59000	63		mg/Kg-dry	10	8/15/2017
Chromium	17	1.0		mg/Kg-dry	10	8/15/2017
Cobalt	11	1.0		mg/Kg-dry	10	8/15/2017
Copper	24	2.6		mg/Kg-dry	10	8/15/2017
Iron	21000	31		mg/Kg-dry	10	8/15/2017
Lead	14	0.52		mg/Kg-dry	10	8/15/2017
Magnesium	31000	31		mg/Kg-dry	10	8/15/2017
Manganese	710	1.0		mg/Kg-dry	10	8/15/2017
Nickel	27	1.0		mg/Kg-dry	10	8/15/2017
Potassium	1600	31		mg/Kg-dry	10	8/15/2017
Selenium	ND	1.0		mg/Kg-dry	10	8/15/2017
Silver	ND	1.0		mg/Kg-dry	10	8/15/2017
Sodium	790	63		mg/Kg-dry	10	8/15/2017
Thallium	ND	1.0		mg/Kg-dry	10	8/15/2017
Vanadium	24	1.0		mg/Kg-dry	10	8/15/2017
Zinc	63	5.2		mg/Kg-dry	10	8/15/2017

SPLP Metals by ICP/MS

SW1312/6020 (SW3005A)

Prep Date: 8/16/2017

Analyst: JG

Arsenic	ND	0.0040		mg/L	2	8/17/2017
Barium	0.043	0.020		mg/L	2	8/17/2017
Beryllium	ND	0.0020		mg/L	2	8/17/2017
Cadmium	ND	0.0020		mg/L	2	8/17/2017
Chromium	ND	0.0040		mg/L	2	8/17/2017
Cobalt	ND	0.0040		mg/L	2	8/17/2017
Copper	ND	0.040		mg/L	2	8/17/2017
Iron	0.95	0.10		mg/L	2	8/17/2017
Lead	ND	0.0020		mg/L	2	8/17/2017
Manganese	0.042	0.0040		mg/L	2	8/17/2017
Nickel	ND	0.0040		mg/L	2	8/17/2017
Selenium	ND	0.0040		mg/L	2	8/17/2017
Silver	ND	0.0040		mg/L	2	8/17/2017
Zinc	ND	0.040		mg/L	2	8/17/2017

TCLP Metals by ICP/MS

SW1311/6020 (SW3005A)

Prep Date: 8/17/2017

Analyst: JG

Arsenic	ND	0.010		mg/L	5	8/18/2017
Barium	0.98	0.050		mg/L	5	8/17/2017
Beryllium	ND	0.0050		mg/L	5	8/17/2017
Cadmium	ND	0.0050		mg/L	5	8/17/2017

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

Report Date: August 18, 2017

Print Date: August 18, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-56-11 (12-18)

Work Order: 17080286 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL

Collection Date: 8/7/2017 11:06:00 AM

Lab ID: 17080286-040B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
TCLP Metals by ICP/MS	SW1311/6020 (SW3005A)		Prep Date: 8/17/2017		Analyst: JG	
Chromium	ND	0.010		mg/L	5	8/17/2017
Cobalt	0.082	0.010		mg/L	5	8/17/2017
Copper	ND	0.10		mg/L	5	8/17/2017
Iron	1.2	0.25		mg/L	5	8/17/2017
Lead	ND	0.0050		mg/L	5	8/17/2017
Manganese	4.8	0.010		mg/L	5	8/17/2017
Nickel	0.21	0.010		mg/L	5	8/17/2017
Selenium	ND	0.010		mg/L	5	8/18/2017
Silver	ND	0.010		mg/L	5	8/17/2017
Zinc	0.20	0.050		mg/L	5	8/17/2017
TCLP Mercury	SW1311/7470A		Prep Date: 8/17/2017		Analyst: LB	
Mercury	ND	0.00020		mg/L	1	8/17/2017
SPLP Mercury	SW1312/7470A		Prep Date: 8/15/2017		Analyst: LB	
Mercury	ND	0.00025		mg/L	1	8/16/2017
Mercury	SW7471A		Prep Date: 8/11/2017		Analyst: LB	
Mercury	ND	0.020		mg/Kg-dry	1	8/14/2017
pH (25 °C)	SW9045C		Prep Date: 8/15/2017		Analyst: PBG	
pH	7.76			pH Units	1	8/15/2017
Percent Moisture	D2974		Prep Date: 8/10/2017		Analyst: KKA	
Percent Moisture	19.5	0.2	*	wt%	1	8/11/2017

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



Illinois Environmental Protection Agency

Page 1 of 2

Bureau of Land • 1021 North Grand Avenue East • P.O. Box 19276 • Springfield • Illinois • 62794-9276

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: FAP 345 / US Route 20 at IL Route 59 Office Phone Number, if available: _____

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

2531V-23 (600 Block Lake); 2531V-33 (700-740 Olive); 2531V-34 (700-800 Blocks Lake); 2531V-43 (1200 Block Sutton)

City: Bartlett/Streamwood State: IL Zip Code: 60103

County: Cook Township: T41N / Hanover

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

Latitude: 42.008291 Longitude: -88.203318
(Decimal Degrees) (-Decimal Degrees)

Identify how the lat/long data were determined:

☐ GPS ☐ Map Interpolation ☐ Photo Interpolation ☐ Survey ☒ Other

ISGS Public Land Survey System - Approximate Center of multiple addresses

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

II. Owner/Operator Information for Source Site

Site Owner

Name: Illinois Dept. of Transportation, District 1
Street Address: 201 W Center Court
PO Box: _____
City: Schaumburg State: IL
Zip Code: 60196 Phone: 847-705-4101
Contact: Sam Mead
Email, if available: Sam.Mead@illinois.gov

Site Operator

Name: Illinois Dept. of Transportation, District 1
Street Address: 201 W Center Court
PO Box: _____
City: Schaumburg State: IL
Zip Code: 60196 Phone: 847-705-4101
Contact: Sam Mead
Email, if available: Sam.Mead@illinois.gov

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: FAP 345 / US Route 20 at IL Route 59Latitude: 42.008291 Longitude: -88.203318Uncontaminated Site 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):

Refer to Figure 4-1.5, 4-1.6, 4-1.7, and 4-1.8 in the Final PSI Report and boring locations 2531V-23-02 (Sta 523+00 to 523+70); 2531V-33-04 (Sta 217+25 to 218+20); 2531V-34-04, 2531V-34-05, 2531V-34-06, and 2531V-34-07 (Sta 201+00 to 212+00 / Ramp E Sta 306+50 to 314+55); and 2531V-43-09 (Sta 193+00 to 201+25 / Ramp D Sta 155+50 to 160+50).

- 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]:

Refer to Tables 4-2 and 4-3 in the Final PSI Report for results summary and STAT Laboratory Report #1780266 Rev 0. Site specific table of results is attached to this form.

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

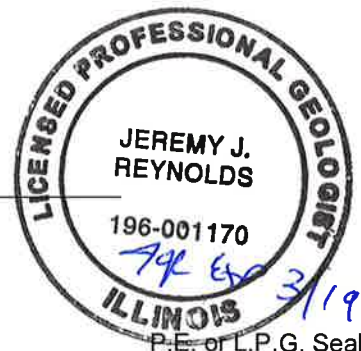
I, Jeremy J. Reynolds, P.G. (name of licensed professional engineer or geologist) certify under penalty of law that the information submitted, including but not limited to, all attachments and other information, is to the best of my knowledge and belief, true, accurate and complete. In accordance with 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: Huff & Huff, Inc. / GZA GeoEnvironmental, Inc.Street Address: 915 Harger Road, Suite 330City: Oak Brook State: IL Zip Code: 60523Phone: 630-684-9100Jeremy J. Reynolds, P.G.

Printed Name:

[Signature]
 Licensed Professional Engineer or
 Licensed Professional Geologist Signature:

Date: 8/24/17

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

LPC-663 Results Table for Sites 2531V-23-02, 33-04, 34-04, 34-05, 34-06, 34-07, and 43-09

Soils for Unrestricted Reuse or Disposal Including CCDD/USFO Facilities

Boring ID	2531V-23-02	2531V-33-04	2531V-34-04	2531V-34-04	2531V-34-05	2531V-34-05	2531V-34-05 (Dup 8)	2531V-34-06	2531V-34-06	2531V-34-07	2531V-43-09	Soil Reference Concentrations ^{a/}
Sample Depth, ft	0-1	0-1	0-7	7-14	0-7	7-14	7-14	0-7	7-14	0-1	0-1	
Sample Date	8/8/17	8/8/17	8/8/17	8/8/17	8/8/17	8/8/17	8/8/17	8/8/17	8/8/17	8/8/17	8/8/17	
Excavation Area(s) [ISGS Site No.(s)]	2531V-23; 2531V-21	2531V-33	2531V-34	2531V-34	2531V-34	2531V-34	2531V-34	2531V-34	2531V-34	2531V-34	2531V-43	
Parameter												
Laboratory soil pH (s.u.)	8.44	8.72	8.29	7.99	7.8	8.04	7.83	8.6	7.61	8.84	8.73	<6.25, >9.0
VOCs (mg/kg)	NO EXCEEDANCES											
SVOCs, mg/kg												
benzo(a)anthracene	< 0.037	< 0.038	< 0.040	< 0.039	< 0.037	0.044	< 0.039	< 0.039	< 0.040	< 0.038	0.039	0.9 / 1.1 / 1.8
Benzo(a)pyrene	< 0.037	< 0.038	< 0.040	< 0.039	< 0.037	< 0.038	< 0.039	< 0.039	< 0.040	< 0.038	0.038	0.09 / 1.3 / 2.1
Benzo(b)fluoranthene	< 0.037	< 0.038	< 0.040	< 0.039	< 0.037	< 0.038	< 0.039	< 0.039	< 0.040	< 0.038	< 0.038	0.9 / 1.5 / 2.1
Dibenz(a,h)anthracene	< 0.037	< 0.038	< 0.040	< 0.039	< 0.037	< 0.038	< 0.039	< 0.039	< 0.040	< 0.038	< 0.038	0.09 / 0.2 / 0.42
Total Metals, mg/kg												
Arsenic	11	7.8	9.0	7.1	6.6	6.7	8.0	9.3	10	9.0	8.2	11.3 / 13
Chromium	24	31	25	21	21	25	20	20	26	21	18	21
Cobalt	16	9.0	14	9.1	8.7	9.0	11	15	14	11	9.5	20
Iron	29000	20000	28000	23000	19000	20000	22000	24000	26000	24000	21000	15,000 / 15,900
Lead	16	26	25	15	17	21	17	27	21	20	24	107
Manganese	490	580	760	430	490	350	600	630	860	600	430	630 / 636
TCLP Metals, mg/L												
Cadmium	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	0.005
Iron	< 0.25	0.47	1.4	0.65	0.92	1.4	< 0.25	1.2	1.2	1.5	< 0.25	5
Lead	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	0.0065	< 0.0050	< 0.0050	< 0.0050	< 0.0050	0.0075
Manganese	4.0	0.52	12	9.0	7.3	7.1	9.4	11	14	1.5	0.14	0.15
Nickel	0.014	< 0.010	0.054	0.068	0.024	0.024	0.030	0.019	0.028	0.017	< 0.010	0.1
Zinc	0.44	< 0.050	0.088	< 0.050	0.082	0.075	< 0.050	0.066	0.080	0.059	< 0.050	5
SPLP Metals, mg/L												
Iron	30	14	0.56	1.0	0.41	6.6	2.8	1.0	0.74	2.8	1.1	5
Lead	0.013	0.013	< 0.0020	< 0.0020	< 0.0020	0.0040	0.0069	0.0037	< 0.0020	0.0031	0.0051	0.0075
Manganese	0.13	0.14	0.0079	0.020	0.011	0.057	0.054	0.041	0.029	0.022	0.048	0.15

--- - Refers to not applicable or value not available

Note: only samples and parameters with exceedances impacting construction activities are presented on this Figure; see Tables C-1 and C-2 in Appendix C for comprehensive analytical report tables of all samples and constituents analyzed.

Organic Soil Reference Concentrations (XX.XX / XX.XX / XX.XX) Include the Most Stringent Values from the MAC Table / The Chicago Corporate Limit / and The MSA County Excluding Chicago Values From the MAC Table

Inorganic Soil Reference Concentrations (xx.xx / xx.xx) Include the Most Stringent values from the MAC Table / and the MSA County Value From the MAC Table as Applicable

a/ Soil reference concentrations from MAC table. Background values for MSA counties are included as applicable.

 Shaded values indicate concentration exceeds reference concentration

FIGURE 4-1.5 EXTENT OF POTENTIALLY IMPACTED SOIL

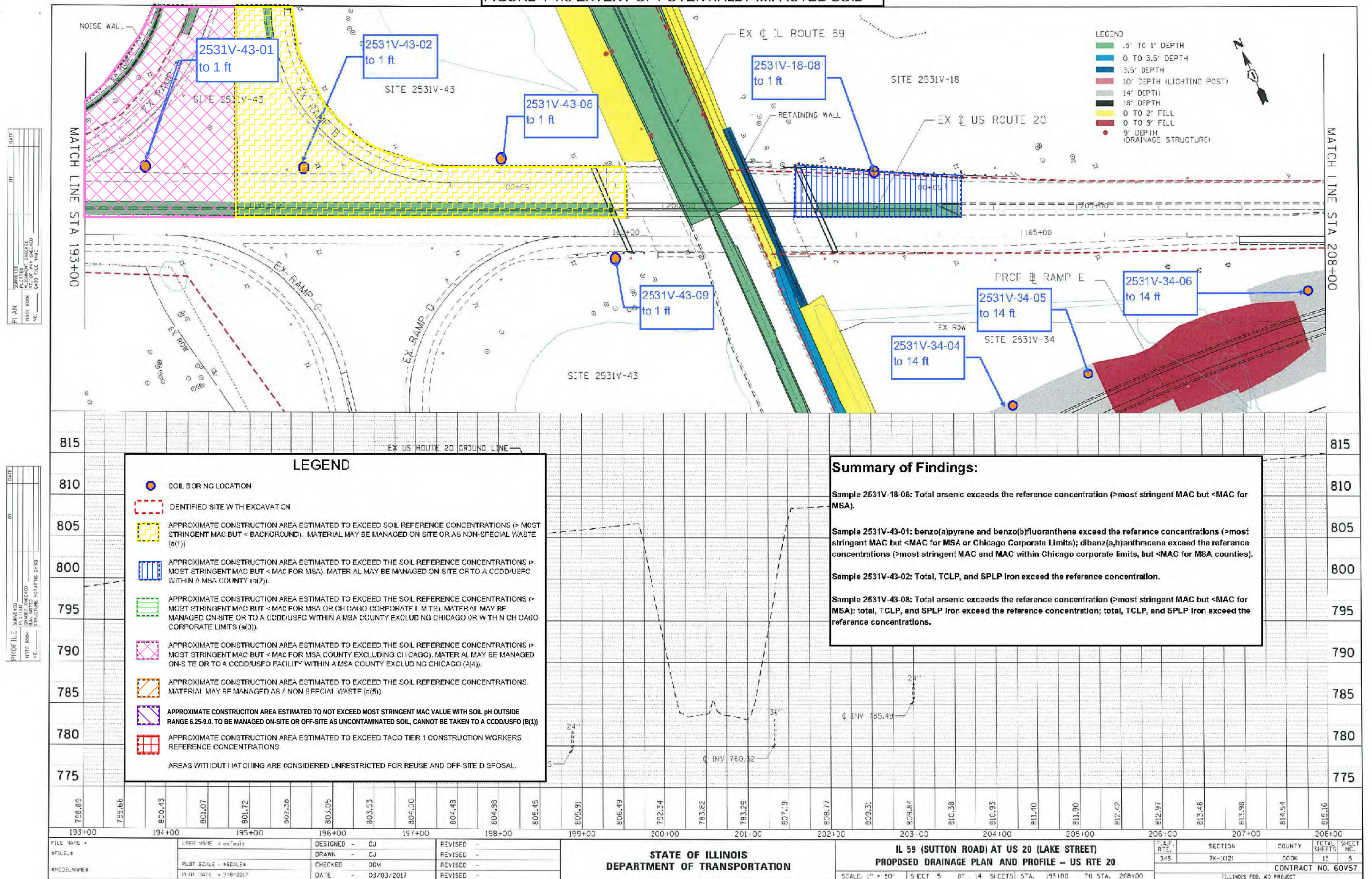


FIGURE 4-1.6 EXTENT OF POTENTIALLY IMPACTED SOIL

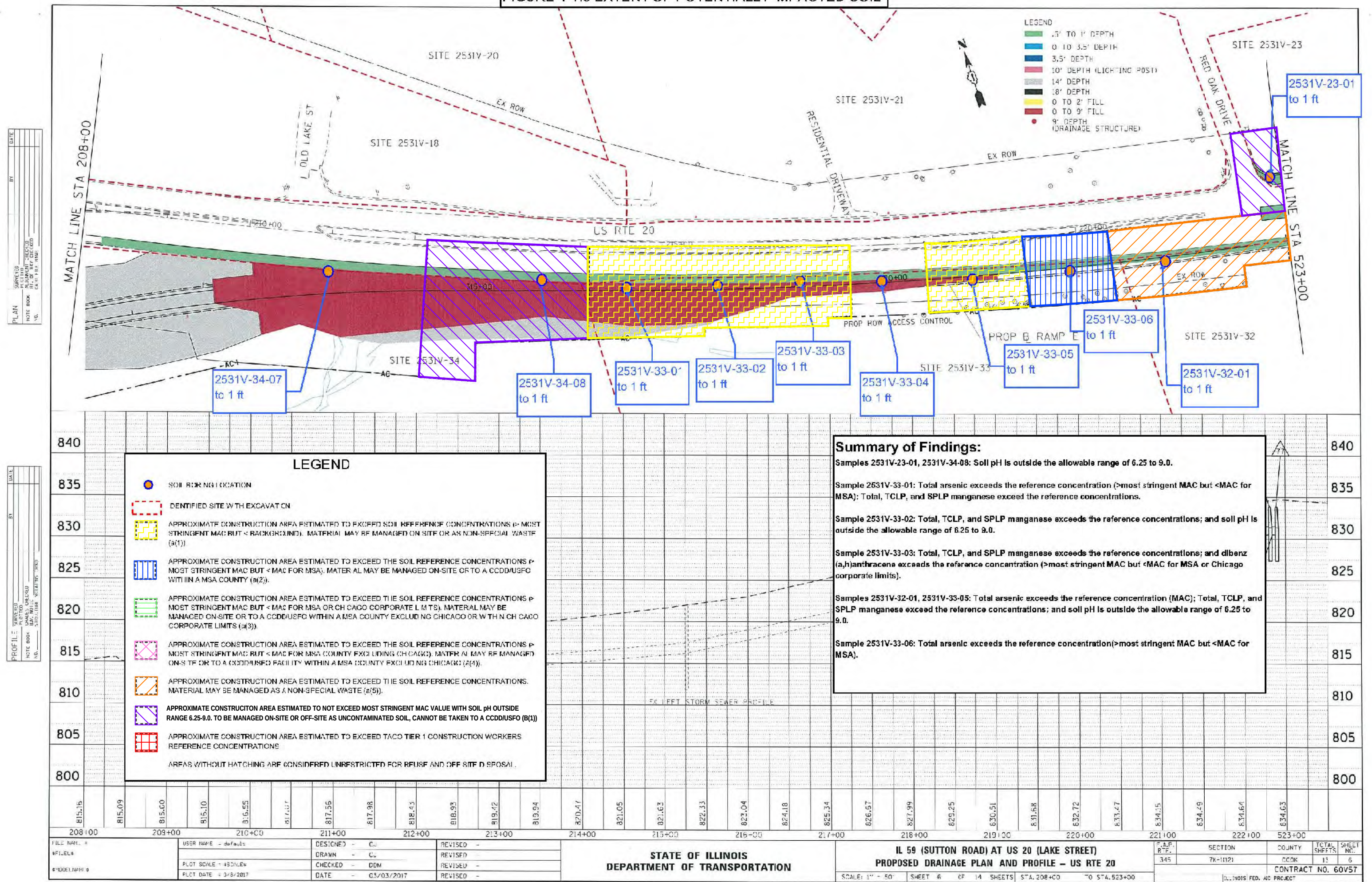
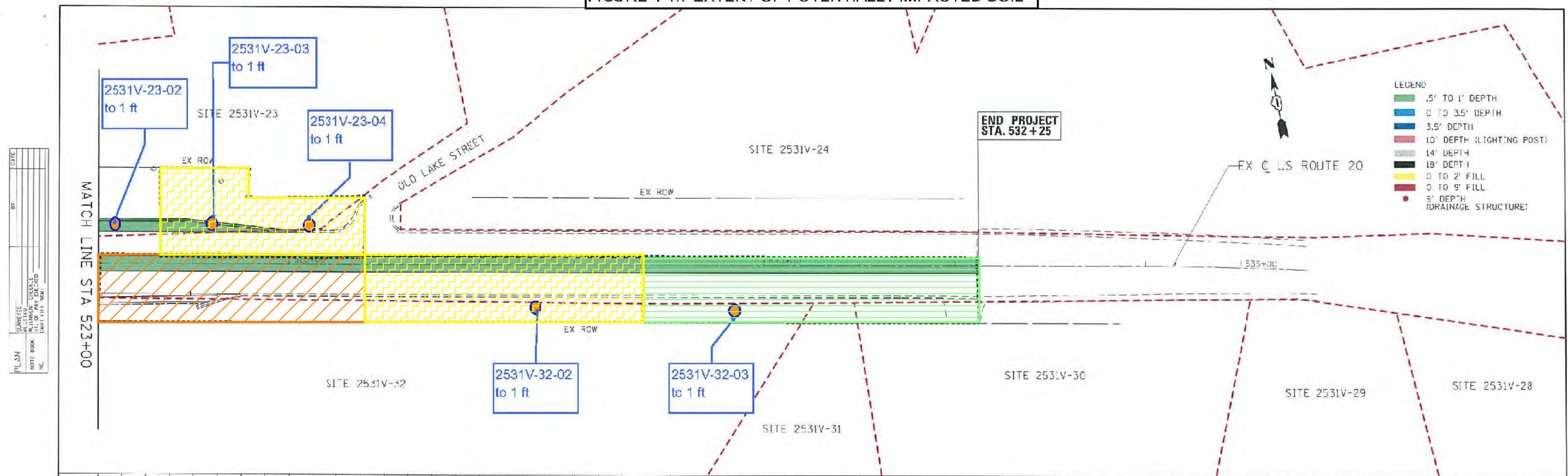
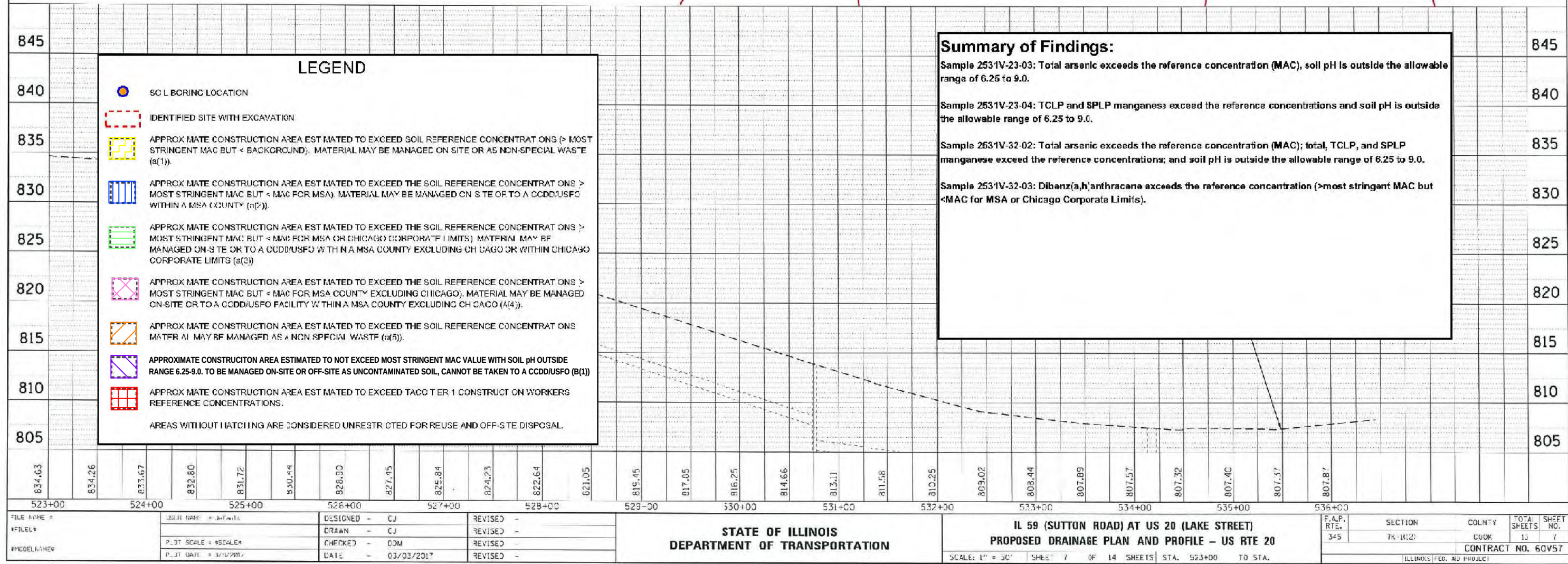


FIGURE 4-1.7 EXTENT OF POTENTIALLY IMPACTED SOIL



PLAN	DATE	BY
DESIGNED		
DRAWN		
CHECKED		
IN CHARGE		

PROFILE	DATE	BY
DESIGNED		
DRAWN		
CHECKED		
IN CHARGE		



LEGEND

- SOIL BORING LOCATION
- IDENTIFIED SITE WITH EXCAVATION
- APPROXIMATE CONSTRUCTION AREA ESTIMATED TO EXCEED SOIL REFERENCE CONCENTRATIONS (> MOST STRINGENT MAC BUT < BACKGROUND); MATERIAL MAY BE MANAGED ON SITE OR AS NON-SPECIAL WASTE (a(1)).
- APPROXIMATE CONSTRUCTION AREA ESTIMATED TO EXCEED THE SOIL REFERENCE CONCENTRATIONS > MOST STRINGENT MAC BUT < MAC FOR MSA; MATERIAL MAY BE MANAGED ON SITE OR TO A CDD/USFO WITHIN A MSA COUNTY (a(2)).
- APPROXIMATE CONSTRUCTION AREA ESTIMATED TO EXCEED THE SOIL REFERENCE CONCENTRATIONS > MOST STRINGENT MAC BUT < MAC FOR MSA OR CHICAGO CORPORATE LIMITS; MATERIAL MAY BE MANAGED ON-SITE OR TO A CDD/USFO WITHIN A MSA COUNTY EXCLUDING CHICAGO OR WITHIN CHICAGO CORPORATE LIMITS (a(3)).
- APPROXIMATE CONSTRUCTION AREA ESTIMATED TO EXCEED THE SOIL REFERENCE CONCENTRATIONS > MOST STRINGENT MAC BUT < MAC FOR MSA COUNTY EXCLUDING CHICAGO; MATERIAL MAY BE MANAGED ON-SITE OR TO A CDD/USFO FACILITY WITHIN A MSA COUNTY EXCLUDING CHICAGO (a(4)).
- APPROXIMATE CONSTRUCTION AREA ESTIMATED TO EXCEED THE SOIL REFERENCE CONCENTRATIONS MATERIAL MAY BE MANAGED AS A NON-SPECIAL WASTE (a(5)).
- APPROXIMATE CONSTRUCTION AREA ESTIMATED TO NOT EXCEED MOST STRINGENT MAC VALUE WITH SOIL pH OUTSIDE RANGE 6.25-9.0. TO BE MANAGED ON-SITE OR OFF-SITE AS UNCONTAMINATED SOIL, CANNOT BE TAKEN TO A CDD/USFO (B(1)).
- APPROXIMATE CONSTRUCTION AREA ESTIMATED TO EXCEED TCC TIER 1 CONSTRUCTION WORKERS REFERENCE CONCENTRATIONS.

AREAS WITHOUT HATCHING ARE CONSIDERED UNRESTRICTED FOR REUSE AND OFF-SITE DISPOSAL.

Summary of Findings:

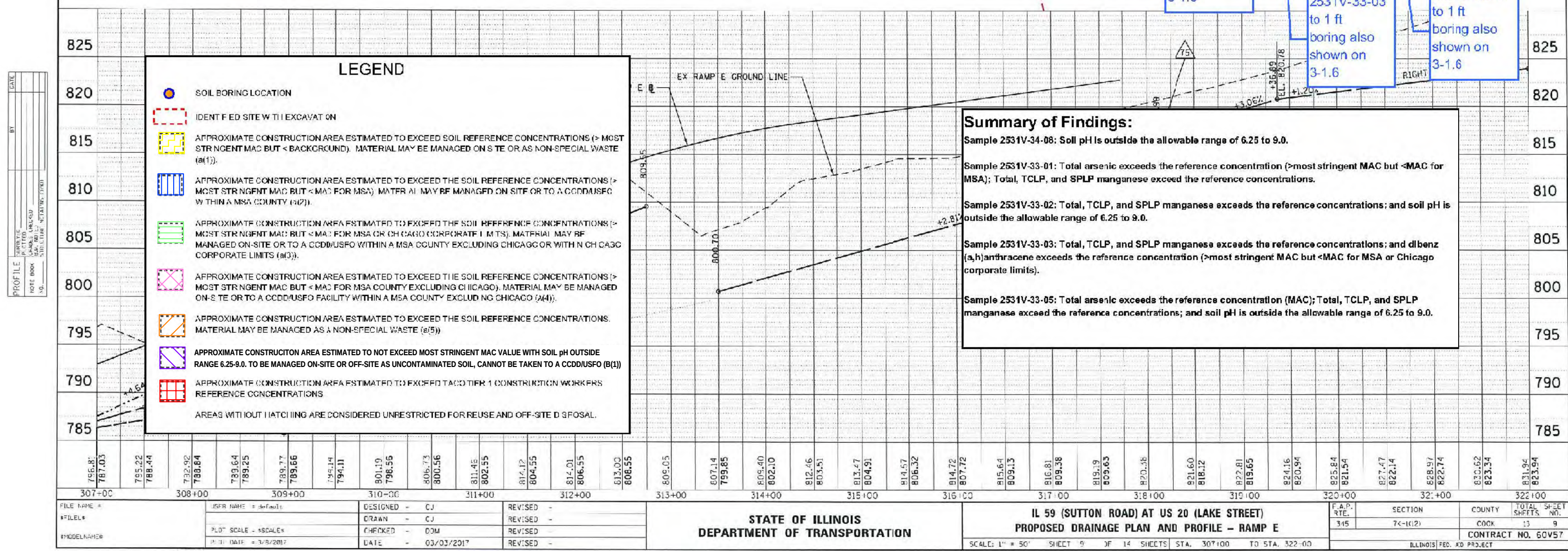
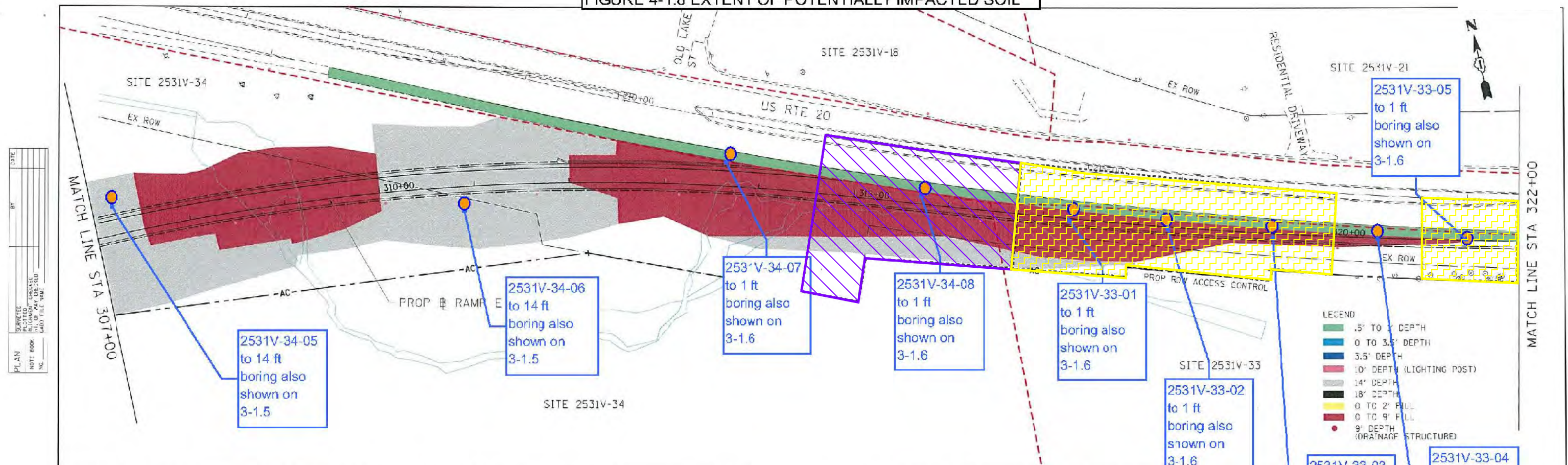
Sample 2531V-23-03: Total arsenic exceeds the reference concentration (MAC), soil pH is outside the allowable range of 6.25 to 9.0.

Sample 2531V-23-04: TCLP and SPLP manganese exceed the reference concentrations and soil pH is outside the allowable range of 6.25 to 9.0.

Sample 2531V-32-02: Total arsenic exceeds the reference concentration (MAC); total, TCLP, and SPLP manganese exceed the reference concentrations; and soil pH is outside the allowable range of 6.25 to 9.0.

Sample 2531V-32-03: Dibenz(a,h)anthracene exceeds the reference concentration (>most stringent MAC but <MAC for MSA or Chicago Corporate Limits).

FIGURE 4-1.8 EXTENT OF POTENTIALLY IMPACTED SOIL



PLAN	DATE	BY	CHECKED
DATE			
BY			
CHECKED			

PROFILE	DATE	BY	CHECKED
DATE			
BY			
CHECKED			

STAT Analysis Corporation

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

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

Report Date: August 17, 2017

Print Date: August 17, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-23-02 (0-1)

Work Order: 17080266 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 8/8/2017 2:05:00 PM

Lab ID: 17080266-028A

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS		SW5035/8260B		Prep Date: 8/9/2017		Analyst: ERP
Acetone	ND	0.069		mg/Kg-dry	1	8/15/2017
Benzene	ND	0.0046		mg/Kg-dry	1	8/15/2017
Bromodichloromethane	ND	0.0046		mg/Kg-dry	1	8/15/2017
Bromoform	ND	0.0046		mg/Kg-dry	1	8/15/2017
Bromomethane	ND	0.0092		mg/Kg-dry	1	8/15/2017
2-Butanone	ND	0.069		mg/Kg-dry	1	8/15/2017
Carbon disulfide	ND	0.046		mg/Kg-dry	1	8/15/2017
Carbon tetrachloride	ND	0.0046		mg/Kg-dry	1	8/15/2017
Chlorobenzene	ND	0.0046		mg/Kg-dry	1	8/15/2017
Chloroethane	ND	0.0092		mg/Kg-dry	1	8/15/2017
Chloroform	ND	0.0046		mg/Kg-dry	1	8/15/2017
Chloromethane	ND	0.0092		mg/Kg-dry	1	8/15/2017
Dibromochloromethane	ND	0.0046		mg/Kg-dry	1	8/15/2017
1,1-Dichloroethane	ND	0.0046		mg/Kg-dry	1	8/15/2017
1,2-Dichloroethane	ND	0.0046		mg/Kg-dry	1	8/15/2017
1,1-Dichloroethene	ND	0.0046		mg/Kg-dry	1	8/15/2017
cis-1,2-Dichloroethene	ND	0.0046		mg/Kg-dry	1	8/15/2017
trans-1,2-Dichloroethene	ND	0.0046		mg/Kg-dry	1	8/15/2017
1,2-Dichloropropane	ND	0.0046		mg/Kg-dry	1	8/15/2017
cis-1,3-Dichloropropene	ND	0.0018		mg/Kg-dry	1	8/15/2017
trans-1,3-Dichloropropene	ND	0.0018		mg/Kg-dry	1	8/15/2017
Ethylbenzene	ND	0.0046		mg/Kg-dry	1	8/15/2017
2-Hexanone	ND	0.018		mg/Kg-dry	1	8/15/2017
4-Methyl-2-pentanone	ND	0.018		mg/Kg-dry	1	8/15/2017
Methylene chloride	ND	0.0092		mg/Kg-dry	1	8/15/2017
Methyl tert-butyl ether	ND	0.0046		mg/Kg-dry	1	8/15/2017
Styrene	ND	0.0046		mg/Kg-dry	1	8/15/2017
1,1,2,2-Tetrachloroethane	ND	0.0046		mg/Kg-dry	1	8/15/2017
Tetrachloroethene	ND	0.0046		mg/Kg-dry	1	8/15/2017
Toluene	ND	0.0046		mg/Kg-dry	1	8/15/2017
1,1,1-Trichloroethane	ND	0.0046		mg/Kg-dry	1	8/15/2017
1,1,2-Trichloroethane	ND	0.0046		mg/Kg-dry	1	8/15/2017
Trichloroethene	ND	0.0046		mg/Kg-dry	1	8/15/2017
Vinyl chloride	ND	0.0046		mg/Kg-dry	1	8/15/2017
Xylenes, Total	ND	0.014		mg/Kg-dry	1	8/15/2017

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

Report Date: August 17, 2017

Print Date: August 17, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-23-02 (0-1)

Work Order: 17080266 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 8/8/2017 2:05:00 PM

Lab ID: 17080266-028B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS		SW8270C (SW3550B)		Prep Date: 8/9/2017		Analyst: MEP
Acenaphthene	ND	0.037		mg/Kg-dry	1	8/13/2017
Acenaphthylene	ND	0.037		mg/Kg-dry	1	8/13/2017
Aniline	ND	0.38		mg/Kg-dry	1	8/13/2017
Anthracene	ND	0.037		mg/Kg-dry	1	8/13/2017
Benz(a)anthracene	ND	0.037		mg/Kg-dry	1	8/13/2017
Benzidine	ND	0.37		mg/Kg-dry	1	8/13/2017
Benzo(a)pyrene	ND	0.037		mg/Kg-dry	1	8/13/2017
Benzo(b)fluoranthene	ND	0.037		mg/Kg-dry	1	8/13/2017
Benzo(g,h,i)perylene	ND	0.037		mg/Kg-dry	1	8/13/2017
Benzo(k)fluoranthene	ND	0.037		mg/Kg-dry	1	8/13/2017
Benzoic acid	ND	0.94		mg/Kg-dry	1	8/13/2017
Benzyl alcohol	ND	0.19		mg/Kg-dry	1	8/13/2017
Bis(2-chloroethoxy)methane	ND	0.19		mg/Kg-dry	1	8/13/2017
Bis(2-chloroethyl)ether	ND	0.19		mg/Kg-dry	1	8/13/2017
Bis(2-ethylhexyl)phthalate	ND	0.94		mg/Kg-dry	1	8/13/2017
4-Bromophenyl phenyl ether	ND	0.19		mg/Kg-dry	1	8/13/2017
Butyl benzyl phthalate	ND	0.19		mg/Kg-dry	1	8/13/2017
Carbazole	ND	0.19		mg/Kg-dry	1	8/13/2017
4-Chloroaniline	ND	0.19		mg/Kg-dry	1	8/13/2017
4-Chloro-3-methylphenol	ND	0.37		mg/Kg-dry	1	8/13/2017
2-Chloronaphthalene	ND	0.19		mg/Kg-dry	1	8/13/2017
2-Chlorophenol	ND	0.19		mg/Kg-dry	1	8/13/2017
4-Chlorophenyl phenyl ether	ND	0.19		mg/Kg-dry	1	8/13/2017
Chrysene	ND	0.037		mg/Kg-dry	1	8/13/2017
Dibenz(a,h)anthracene	ND	0.037		mg/Kg-dry	1	8/13/2017
Dibenzofuran	ND	0.19		mg/Kg-dry	1	8/13/2017
1,2-Dichlorobenzene	ND	0.19		mg/Kg-dry	1	8/13/2017
1,3-Dichlorobenzene	ND	0.19		mg/Kg-dry	1	8/13/2017
1,4-Dichlorobenzene	ND	0.19		mg/Kg-dry	1	8/13/2017
3,3'-Dichlorobenzidine	ND	0.19		mg/Kg-dry	1	8/13/2017
2,4-Dichlorophenol	ND	0.19		mg/Kg-dry	1	8/13/2017
Diethyl phthalate	ND	0.19		mg/Kg-dry	1	8/13/2017
2,4-Dimethylphenol	ND	0.19		mg/Kg-dry	1	8/13/2017
Dimethyl phthalate	ND	0.19		mg/Kg-dry	1	8/13/2017
4,6-Dinitro-2-methylphenol	ND	0.37		mg/Kg-dry	1	8/13/2017
2,4-Dinitrophenol	ND	0.94		mg/Kg-dry	1	8/13/2017
2,4-Dinitrotoluene	ND	0.037		mg/Kg-dry	1	8/13/2017
2,6-Dinitrotoluene	ND	0.037		mg/Kg-dry	1	8/13/2017

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

Report Date: August 17, 2017

Print Date: August 17, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-23-02 (0-1)

Work Order: 17080266 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 8/8/2017 2:05:00 PM

Lab ID: 17080266-028B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS						
	SW8270C (SW3550B)			Prep Date: 8/9/2017		Analyst: MEP
Di-n-butyl phthalate	ND	0.19		mg/Kg-dry	1	8/13/2017
Di-n-octyl phthalate	ND	0.19		mg/Kg-dry	1	8/13/2017
Fluoranthene	ND	0.037		mg/Kg-dry	1	8/13/2017
Fluorene	ND	0.037		mg/Kg-dry	1	8/13/2017
Hexachlorobenzene	ND	0.19		mg/Kg-dry	1	8/13/2017
Hexachlorobutadiene	ND	0.19		mg/Kg-dry	1	8/13/2017
Hexachlorocyclopentadiene	ND	0.19		mg/Kg-dry	1	8/13/2017
Hexachloroethane	ND	0.19		mg/Kg-dry	1	8/13/2017
Indeno(1,2,3-cd)pyrene	ND	0.037		mg/Kg-dry	1	8/13/2017
Isophorone	ND	0.19		mg/Kg-dry	1	8/13/2017
2-Methylnaphthalene	ND	0.19		mg/Kg-dry	1	8/13/2017
2-Methylphenol	ND	0.19		mg/Kg-dry	1	8/13/2017
4-Methylphenol	ND	0.19		mg/Kg-dry	1	8/13/2017
Naphthalene	ND	0.037		mg/Kg-dry	1	8/13/2017
2-Nitroaniline	ND	0.19		mg/Kg-dry	1	8/13/2017
3-Nitroaniline	ND	0.19		mg/Kg-dry	1	8/13/2017
4-Nitroaniline	ND	0.19		mg/Kg-dry	1	8/13/2017
2-Nitrophenol	ND	0.19		mg/Kg-dry	1	8/13/2017
4-Nitrophenol	ND	0.37		mg/Kg-dry	1	8/13/2017
Nitrobenzene	ND	0.037		mg/Kg-dry	1	8/13/2017
N-Nitrosodi-n-propylamine	ND	0.037		mg/Kg-dry	1	8/13/2017
N-Nitrosodimethylamine	ND	0.19		mg/Kg-dry	1	8/13/2017
N-Nitrosodiphenylamine	ND	0.19		mg/Kg-dry	1	8/13/2017
2, 2'-oxybis(1-Chloropropane)	ND	0.19		mg/Kg-dry	1	8/13/2017
Pentachlorophenol	ND	0.075		mg/Kg-dry	1	8/13/2017
Phenanthrene	ND	0.037		mg/Kg-dry	1	8/13/2017
Phenol	ND	0.19		mg/Kg-dry	1	8/13/2017
Pyrene	ND	0.037		mg/Kg-dry	1	8/13/2017
Pyridine	ND	0.75		mg/Kg-dry	1	8/13/2017
1,2,4-Trichlorobenzene	ND	0.19		mg/Kg-dry	1	8/13/2017
2,4,5-Trichlorophenol	ND	0.19		mg/Kg-dry	1	8/13/2017
2,4,6-Trichlorophenol	ND	0.19		mg/Kg-dry	1	8/13/2017
Metals by ICP/MS						
	SW6020 (SW3050B)			Prep Date: 8/9/2017		Analyst: JG
Aluminum	13000	19		mg/Kg-dry	10	8/12/2017
Antimony	ND	1.9		mg/Kg-dry	10	8/12/2017
Arsenic	11	0.96		mg/Kg-dry	10	8/12/2017
Barium	54	0.96		mg/Kg-dry	10	8/12/2017
Beryllium	0.84	0.48		mg/Kg-dry	10	8/12/2017

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E - Value above quantitation range

H - Holding time exceeded

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Report Date: August 17, 2017

Print Date: August 17, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-23-02 (0-1)

Work Order: 17080266 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 8/8/2017 2:05:00 PM

Lab ID: 17080266-028B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed

Metals by ICP/MS

SW6020 (SW3050B)

Prep Date: 8/9/2017

Analyst: JG

Cadmium	ND	0.48		mg/Kg-dry	10	8/12/2017
Calcium	85000	58		mg/Kg-dry	10	8/12/2017
Chromium	24	0.96		mg/Kg-dry	10	8/12/2017
Cobalt	16	0.96		mg/Kg-dry	10	8/12/2017
Copper	26	2.4		mg/Kg-dry	10	8/12/2017
Iron	29000	29		mg/Kg-dry	10	8/12/2017
Lead	16	0.48		mg/Kg-dry	10	8/12/2017
Magnesium	41000	29		mg/Kg-dry	10	8/12/2017
Manganese	490	0.96		mg/Kg-dry	10	8/12/2017
Nickel	32	0.96		mg/Kg-dry	10	8/12/2017
Potassium	2600	29		mg/Kg-dry	10	8/12/2017
Selenium	ND	0.96		mg/Kg-dry	10	8/12/2017
Silver	ND	0.96		mg/Kg-dry	10	8/12/2017
Sodium	1100	58		mg/Kg-dry	10	8/12/2017
Thallium	ND	0.96		mg/Kg-dry	10	8/12/2017
Vanadium	28	0.96		mg/Kg-dry	10	8/12/2017
Zinc	70	4.8		mg/Kg-dry	10	8/12/2017

SPLP Metals by ICP/MS

SW1312/6020 (SW3005A)

Prep Date: 8/10/2017

Analyst: JG

Arsenic	0.014	0.0040		mg/L	2	8/11/2017
Barium	0.069	0.020		mg/L	2	8/11/2017
Beryllium	ND	0.0020		mg/L	2	8/11/2017
Cadmium	ND	0.0020		mg/L	2	8/11/2017
Chromium	0.028	0.0040		mg/L	2	8/11/2017
Cobalt	0.0080	0.0040		mg/L	2	8/11/2017
Copper	ND	0.040		mg/L	2	8/11/2017
Iron	30	0.10		mg/L	2	8/11/2017
Lead	0.013	0.0020		mg/L	2	8/11/2017
Manganese	0.13	0.0040		mg/L	2	8/11/2017
Nickel	0.032	0.0040		mg/L	2	8/11/2017
Selenium	ND	0.0040		mg/L	2	8/11/2017
Silver	ND	0.0040		mg/L	2	8/11/2017
Zinc	0.082	0.020		mg/L	2	8/11/2017

TCLP Metals by ICP/MS

SW1311/6020 (SW3005A)

Prep Date: 8/12/2017

Analyst: JG

Arsenic	ND	0.010		mg/L	5	8/15/2017
Barium	0.62	0.050		mg/L	5	8/15/2017
Beryllium	ND	0.0050		mg/L	5	8/15/2017
Cadmium	ND	0.0050		mg/L	5	8/15/2017

Qualifiers:

ND - Not Detected at the Reporting Limit

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B - Analyte detected in the associated Method Blank

HT - Sample received past holding time

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RL - Reporting / Quantitation Limit for the analysis

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R - RPD outside accepted recovery limits

E - Value above quantitation range

H - Holding time exceeded

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Report Date: August 17, 2017

Print Date: August 17, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-23-02 (0-1)

Work Order: 17080266 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL

Collection Date: 8/8/2017 2:05:00 PM

Lab ID: 17080266-028B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
TCLP Metals by ICP/MS	SW1311/6020 (SW3005A)		Prep Date: 8/12/2017		Analyst: JG	
Chromium	ND	0.010		mg/L	5	8/15/2017
Cobalt	0.014	0.010		mg/L	5	8/15/2017
Copper	ND	0.10		mg/L	5	8/15/2017
Iron	ND	0.25		mg/L	5	8/15/2017
Lead	ND	0.0050		mg/L	5	8/15/2017
Manganese	4.0	0.010		mg/L	5	8/15/2017
Nickel	0.014	0.010		mg/L	5	8/15/2017
Selenium	ND	0.010		mg/L	5	8/15/2017
Silver	ND	0.010		mg/L	5	8/15/2017
Zinc	0.44	0.050		mg/L	5	8/15/2017
TCLP Mercury	SW1311/7470A		Prep Date: 8/14/2017		Analyst: LB	
Mercury	ND	0.00020		mg/L	1	8/14/2017
SPLP Mercury	SW1312/7470A		Prep Date: 8/9/2017		Analyst: LB	
Mercury	ND	0.00025		mg/L	1	8/10/2017
Mercury	SW7471A		Prep Date: 8/10/2017		Analyst: LB	
Mercury	0.031	0.021		mg/Kg-dry	1	8/11/2017
pH (25 °C)	SW9045C		Prep Date: 8/11/2017		Analyst: RW	
pH	8.44			pH Units	1	8/11/2017
Percent Moisture	D2974		Prep Date: 8/9/2017		Analyst: KKA	
Percent Moisture	12.1	0.2	*	wt%	1	8/10/2017

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

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E - Value above quantitation range

H - Holding time exceeded

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Report Date: August 17, 2017

Print Date: August 17, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-33-03 (0-1)

Work Order: 17080266 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 8/8/2017 1:12:00 PM

Lab ID: 17080266-036B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
TCLP Metals by ICP/MS	SW1311/6020 (SW3005A)		Prep Date: 8/14/2017		Analyst: JG	
Chromium	ND	0.010		mg/L	5	8/15/2017
Cobalt	ND	0.010		mg/L	5	8/15/2017
Copper	ND	0.10		mg/L	5	8/15/2017
Iron	ND	0.25		mg/L	5	8/15/2017
Lead	ND	0.0050		mg/L	5	8/15/2017
Manganese	0.27	0.010		mg/L	5	8/15/2017
Nickel	ND	0.010		mg/L	5	8/15/2017
Selenium	ND	0.010		mg/L	5	8/15/2017
Silver	ND	0.010		mg/L	5	8/15/2017
Zinc	ND	0.050		mg/L	5	8/15/2017
TCLP Mercury	SW1311/7470A		Prep Date: 8/14/2017		Analyst: LB	
Mercury	ND	0.00020		mg/L	1	8/14/2017
SPLP Mercury	SW1312/7470A		Prep Date: 8/9/2017		Analyst: LB	
Mercury	ND	0.00025		mg/L	1	8/10/2017
Mercury	SW7471A		Prep Date: 8/10/2017		Analyst: LB	
Mercury	0.038	0.023		mg/Kg-dry	1	8/11/2017
pH (25 °C)	SW9045C		Prep Date: 8/11/2017		Analyst: RW	
pH	8.98			pH Units	1	8/11/2017
Percent Moisture	D2974		Prep Date: 8/9/2017		Analyst: KKA	
Percent Moisture	13.9	0.2	*	wt%	1	8/10/2017

Qualifiers:

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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

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Report Date: August 17, 2017

Print Date: August 17, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-33-04 (0-1)

Work Order: 17080266 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 8/8/2017 1:20:00 PM

Lab ID: 17080266-037A

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS		SW5035/8260B			Prep Date: 8/9/2017	Analyst: ERP
Acetone	ND	0.066		mg/Kg-dry	1	8/15/2017
Benzene	ND	0.0044		mg/Kg-dry	1	8/15/2017
Bromodichloromethane	ND	0.0044		mg/Kg-dry	1	8/15/2017
Bromoform	ND	0.0044		mg/Kg-dry	1	8/15/2017
Bromomethane	ND	0.0088		mg/Kg-dry	1	8/15/2017
2-Butanone	ND	0.066		mg/Kg-dry	1	8/15/2017
Carbon disulfide	ND	0.044		mg/Kg-dry	1	8/15/2017
Carbon tetrachloride	ND	0.0044		mg/Kg-dry	1	8/15/2017
Chlorobenzene	ND	0.0044		mg/Kg-dry	1	8/15/2017
Chloroethane	ND	0.0088		mg/Kg-dry	1	8/15/2017
Chloroform	ND	0.0044		mg/Kg-dry	1	8/15/2017
Chloromethane	ND	0.0088		mg/Kg-dry	1	8/15/2017
Dibromochloromethane	ND	0.0044		mg/Kg-dry	1	8/15/2017
1,1-Dichloroethane	ND	0.0044		mg/Kg-dry	1	8/15/2017
1,2-Dichloroethane	ND	0.0044		mg/Kg-dry	1	8/15/2017
1,1-Dichloroethene	ND	0.0044		mg/Kg-dry	1	8/15/2017
cis-1,2-Dichloroethene	ND	0.0044		mg/Kg-dry	1	8/15/2017
trans-1,2-Dichloroethene	ND	0.0044		mg/Kg-dry	1	8/15/2017
1,2-Dichloropropane	ND	0.0044		mg/Kg-dry	1	8/15/2017
cis-1,3-Dichloropropene	ND	0.0018		mg/Kg-dry	1	8/15/2017
trans-1,3-Dichloropropene	ND	0.0018		mg/Kg-dry	1	8/15/2017
Ethylbenzene	ND	0.0044		mg/Kg-dry	1	8/15/2017
2-Hexanone	ND	0.018		mg/Kg-dry	1	8/15/2017
4-Methyl-2-pentanone	ND	0.018		mg/Kg-dry	1	8/15/2017
Methylene chloride	ND	0.0088		mg/Kg-dry	1	8/15/2017
Methyl tert-butyl ether	ND	0.0044		mg/Kg-dry	1	8/15/2017
Styrene	ND	0.0044		mg/Kg-dry	1	8/15/2017
1,1,2,2-Tetrachloroethane	ND	0.0044		mg/Kg-dry	1	8/15/2017
Tetrachloroethene	ND	0.0044		mg/Kg-dry	1	8/15/2017
Toluene	ND	0.0044		mg/Kg-dry	1	8/15/2017
1,1,1-Trichloroethane	ND	0.0044		mg/Kg-dry	1	8/15/2017
1,1,2-Trichloroethane	ND	0.0044		mg/Kg-dry	1	8/15/2017
Trichloroethene	ND	0.0044		mg/Kg-dry	1	8/15/2017
Vinyl chloride	ND	0.0044		mg/Kg-dry	1	8/15/2017
Xylenes, Total	ND	0.013		mg/Kg-dry	1	8/15/2017

Qualifiers:

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Report Date: August 17, 2017

Print Date: August 17, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-33-04 (0-1)

Work Order: 17080266 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL

Collection Date: 8/8/2017 1:20:00 PM

Lab ID: 17080266-037B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS		SW8270C (SW3550B)		Prep Date: 8/9/2017		Analyst: MEP
Acenaphthene	ND	0.038		mg/Kg-dry	1	8/13/2017
Acenaphthylene	ND	0.038		mg/Kg-dry	1	8/13/2017
Aniline	ND	0.38		mg/Kg-dry	1	8/13/2017
Anthracene	ND	0.038		mg/Kg-dry	1	8/13/2017
Benz(a)anthracene	ND	0.038		mg/Kg-dry	1	8/13/2017
Benzidine	ND	0.38		mg/Kg-dry	1	8/13/2017
Benzo(a)pyrene	ND	0.038		mg/Kg-dry	1	8/13/2017
Benzo(b)fluoranthene	ND	0.038		mg/Kg-dry	1	8/13/2017
Benzo(g,h,i)perylene	ND	0.038		mg/Kg-dry	1	8/13/2017
Benzo(k)fluoranthene	ND	0.038		mg/Kg-dry	1	8/13/2017
Benzoic acid	ND	0.95		mg/Kg-dry	1	8/13/2017
Benzyl alcohol	ND	0.19		mg/Kg-dry	1	8/13/2017
Bis(2-chloroethoxy)methane	ND	0.19		mg/Kg-dry	1	8/13/2017
Bis(2-chloroethyl)ether	ND	0.19		mg/Kg-dry	1	8/13/2017
Bis(2-ethylhexyl)phthalate	ND	0.95		mg/Kg-dry	1	8/13/2017
4-Bromophenyl phenyl ether	ND	0.19		mg/Kg-dry	1	8/13/2017
Butyl benzyl phthalate	ND	0.19		mg/Kg-dry	1	8/13/2017
Carbazole	ND	0.19		mg/Kg-dry	1	8/13/2017
4-Chloroaniline	ND	0.19		mg/Kg-dry	1	8/13/2017
4-Chloro-3-methylphenol	ND	0.38		mg/Kg-dry	1	8/13/2017
2-Chloronaphthalene	ND	0.19		mg/Kg-dry	1	8/13/2017
2-Chlorophenol	ND	0.19		mg/Kg-dry	1	8/13/2017
4-Chlorophenyl phenyl ether	ND	0.19		mg/Kg-dry	1	8/13/2017
Chrysene	ND	0.038		mg/Kg-dry	1	8/13/2017
Dibenz(a,h)anthracene	ND	0.038		mg/Kg-dry	1	8/13/2017
Dibenzofuran	ND	0.19		mg/Kg-dry	1	8/13/2017
1,2-Dichlorobenzene	ND	0.19		mg/Kg-dry	1	8/13/2017
1,3-Dichlorobenzene	ND	0.19		mg/Kg-dry	1	8/13/2017
1,4-Dichlorobenzene	ND	0.19		mg/Kg-dry	1	8/13/2017
3,3'-Dichlorobenzidine	ND	0.19		mg/Kg-dry	1	8/13/2017
2,4-Dichlorophenol	ND	0.19		mg/Kg-dry	1	8/13/2017
Diethyl phthalate	ND	0.19		mg/Kg-dry	1	8/13/2017
2,4-Dimethylphenol	ND	0.19		mg/Kg-dry	1	8/13/2017
Dimethyl phthalate	ND	0.19		mg/Kg-dry	1	8/13/2017
4,6-Dinitro-2-methylphenol	ND	0.38		mg/Kg-dry	1	8/13/2017
2,4-Dinitrophenol	ND	0.95		mg/Kg-dry	1	8/13/2017
2,4-Dinitrotoluene	ND	0.038		mg/Kg-dry	1	8/13/2017
2,6-Dinitrotoluene	ND	0.038		mg/Kg-dry	1	8/13/2017

Qualifiers:

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

Report Date: August 17, 2017

Print Date: August 17, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-33-04 (0-1)

Work Order: 17080266 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 8/8/2017 1:20:00 PM

Lab ID: 17080266-037B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS		SW8270C (SW3550B)		Prep Date: 8/9/2017		Analyst: MEP
Di-n-butyl phthalate	ND	0.19		mg/Kg-dry	1	8/13/2017
Di-n-octyl phthalate	ND	0.19		mg/Kg-dry	1	8/13/2017
Fluoranthene	ND	0.038		mg/Kg-dry	1	8/13/2017
Fluorene	ND	0.038		mg/Kg-dry	1	8/13/2017
Hexachlorobenzene	ND	0.19		mg/Kg-dry	1	8/13/2017
Hexachlorobutadiene	ND	0.19		mg/Kg-dry	1	8/13/2017
Hexachlorocyclopentadiene	ND	0.19		mg/Kg-dry	1	8/13/2017
Hexachloroethane	ND	0.19		mg/Kg-dry	1	8/13/2017
Indeno(1,2,3-cd)pyrene	ND	0.038		mg/Kg-dry	1	8/13/2017
Isophorone	ND	0.19		mg/Kg-dry	1	8/13/2017
2-Methylnaphthalene	ND	0.19		mg/Kg-dry	1	8/13/2017
2-Methylphenol	ND	0.19		mg/Kg-dry	1	8/13/2017
4-Methylphenol	ND	0.19		mg/Kg-dry	1	8/13/2017
Naphthalene	ND	0.038		mg/Kg-dry	1	8/13/2017
2-Nitroaniline	ND	0.19		mg/Kg-dry	1	8/13/2017
3-Nitroaniline	ND	0.19		mg/Kg-dry	1	8/13/2017
4-Nitroaniline	ND	0.19		mg/Kg-dry	1	8/13/2017
2-Nitrophenol	ND	0.19		mg/Kg-dry	1	8/13/2017
4-Nitrophenol	ND	0.38		mg/Kg-dry	1	8/13/2017
Nitrobenzene	ND	0.038		mg/Kg-dry	1	8/13/2017
N-Nitrosodi-n-propylamine	ND	0.038		mg/Kg-dry	1	8/13/2017
N-Nitrosodimethylamine	ND	0.19		mg/Kg-dry	1	8/13/2017
N-Nitrosodiphenylamine	ND	0.19		mg/Kg-dry	1	8/13/2017
2, 2'-oxybis(1-Chloropropane)	ND	0.19		mg/Kg-dry	1	8/13/2017
Pentachlorophenol	ND	0.077		mg/Kg-dry	1	8/13/2017
Phenanthrene	ND	0.038		mg/Kg-dry	1	8/13/2017
Phenol	ND	0.19		mg/Kg-dry	1	8/13/2017
Pyrene	ND	0.038		mg/Kg-dry	1	8/13/2017
Pyridine	ND	0.77		mg/Kg-dry	1	8/13/2017
1,2,4-Trichlorobenzene	ND	0.19		mg/Kg-dry	1	8/13/2017
2,4,5-Trichlorophenol	ND	0.19		mg/Kg-dry	1	8/13/2017
2,4,6-Trichlorophenol	ND	0.19		mg/Kg-dry	1	8/13/2017
Metals by ICP/MS		SW6020 (SW3050B)		Prep Date: 8/9/2017		Analyst: JG
Aluminum	10000	19		mg/Kg-dry	10	8/12/2017
Antimony	ND	1.9		mg/Kg-dry	10	8/12/2017
Arsenic	7.8	0.97		mg/Kg-dry	10	8/12/2017
Barium	72	0.97		mg/Kg-dry	10	8/12/2017
Beryllium	0.69	0.48		mg/Kg-dry	10	8/14/2017

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Report Date: August 17, 2017

Print Date: August 17, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-33-04 (0-1)

Work Order: 17080266 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 8/8/2017 1:20:00 PM

Lab ID: 17080266-037B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed

Metals by ICP/MS

SW6020 (SW3050B)

Prep Date: 8/9/2017

Analyst: JG

Cadmium	ND	0.48		mg/Kg-dry	10	8/12/2017
Calcium	97000	58		mg/Kg-dry	10	8/12/2017
Chromium	31	0.97		mg/Kg-dry	10	8/12/2017
Cobalt	9.0	0.97		mg/Kg-dry	10	8/12/2017
Copper	19	2.4		mg/Kg-dry	10	8/12/2017
Iron	20000	29		mg/Kg-dry	10	8/12/2017
Lead	26	0.48		mg/Kg-dry	10	8/12/2017
Magnesium	44000	29		mg/Kg-dry	10	8/12/2017
Manganese	580	0.97		mg/Kg-dry	10	8/12/2017
Nickel	21	0.97		mg/Kg-dry	10	8/12/2017
Potassium	1300	29		mg/Kg-dry	10	8/12/2017
Selenium	ND	0.97		mg/Kg-dry	10	8/12/2017
Silver	ND	0.97		mg/Kg-dry	10	8/12/2017
Sodium	2100	58		mg/Kg-dry	10	8/12/2017
Thallium	ND	0.97		mg/Kg-dry	10	8/12/2017
Vanadium	25	0.97		mg/Kg-dry	10	8/12/2017
Zinc	57	4.8		mg/Kg-dry	10	8/12/2017

SPLP Metals by ICP/MS

SW1312/6020 (SW3005A)

Prep Date: 8/10/2017

Analyst: JG

Arsenic	0.011	0.0040		mg/L	2	8/11/2017
Barium	0.043	0.020		mg/L	2	8/11/2017
Beryllium	ND	0.0020		mg/L	2	8/11/2017
Cadmium	ND	0.0020		mg/L	2	8/11/2017
Chromium	0.020	0.0040		mg/L	2	8/11/2017
Cobalt	0.0046	0.0040		mg/L	2	8/11/2017
Copper	ND	0.040		mg/L	2	8/11/2017
Iron	14	0.10		mg/L	2	8/11/2017
Lead	0.013	0.0020		mg/L	2	8/11/2017
Manganese	0.14	0.0040		mg/L	2	8/11/2017
Nickel	0.016	0.0040		mg/L	2	8/11/2017
Selenium	ND	0.0040		mg/L	2	8/11/2017
Silver	ND	0.0040		mg/L	2	8/11/2017
Zinc	0.045	0.020		mg/L	2	8/11/2017

TCLP Metals by ICP/MS

SW1311/6020 (SW3005A)

Prep Date: 8/14/2017

Analyst: JG

Arsenic	ND	0.010		mg/L	5	8/15/2017
Barium	0.49	0.050		mg/L	5	8/15/2017
Beryllium	ND	0.0050		mg/L	5	8/15/2017
Cadmium	ND	0.0050		mg/L	5	8/15/2017

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Report Date: August 17, 2017

Print Date: August 17, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-33-04 (0-1)

Work Order: 17080266 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL

Collection Date: 8/8/2017 1:20:00 PM

Lab ID: 17080266-037B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
TCLP Metals by ICP/MS	SW1311/6020 (SW3005A)		Prep Date: 8/14/2017		Analyst: JG	
Chromium	ND	0.010		mg/L	5	8/15/2017
Cobalt	ND	0.010		mg/L	5	8/15/2017
Copper	ND	0.10		mg/L	5	8/15/2017
Iron	0.47	0.25		mg/L	5	8/15/2017
Lead	ND	0.0050		mg/L	5	8/15/2017
Manganese	0.52	0.010		mg/L	5	8/15/2017
Nickel	ND	0.010		mg/L	5	8/15/2017
Selenium	ND	0.010		mg/L	5	8/15/2017
Silver	ND	0.010		mg/L	5	8/15/2017
Zinc	ND	0.050		mg/L	5	8/15/2017
TCLP Mercury	SW1311/7470A		Prep Date: 8/14/2017		Analyst: LB	
Mercury	ND	0.00020		mg/L	1	8/14/2017
SPLP Mercury	SW1312/7470A		Prep Date: 8/9/2017		Analyst: LB	
Mercury	ND	0.00025		mg/L	1	8/10/2017
Mercury	SW7471A		Prep Date: 8/10/2017		Analyst: LB	
Mercury	0.036	0.021		mg/Kg-dry	1	8/11/2017
pH (25 °C)	SW9045C		Prep Date: 8/11/2017		Analyst: RW	
pH	8.72			pH Units	1	8/11/2017
Percent Moisture	D2974		Prep Date: 8/9/2017		Analyst: KKA	
Percent Moisture	13.2	0.2	*	wt%	1	8/10/2017

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Report Date: August 17, 2017

Print Date: August 17, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-34-04 (0-7)

Work Order: 17080266 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 8/8/2017 12:15:00 PM

Lab ID: 17080266-040A

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS		SW5035/8260B			Prep Date: 8/9/2017	Analyst: ERP
Acetone	ND	0.075		mg/Kg-dry	1	8/15/2017
Benzene	ND	0.0050		mg/Kg-dry	1	8/15/2017
Bromodichloromethane	ND	0.0050		mg/Kg-dry	1	8/15/2017
Bromoform	ND	0.0050		mg/Kg-dry	1	8/15/2017
Bromomethane	ND	0.010		mg/Kg-dry	1	8/15/2017
2-Butanone	ND	0.075		mg/Kg-dry	1	8/15/2017
Carbon disulfide	ND	0.050		mg/Kg-dry	1	8/15/2017
Carbon tetrachloride	ND	0.0050		mg/Kg-dry	1	8/15/2017
Chlorobenzene	ND	0.0050		mg/Kg-dry	1	8/15/2017
Chloroethane	ND	0.010		mg/Kg-dry	1	8/15/2017
Chloroform	ND	0.0050		mg/Kg-dry	1	8/15/2017
Chloromethane	ND	0.010		mg/Kg-dry	1	8/15/2017
Dibromochloromethane	ND	0.0050		mg/Kg-dry	1	8/15/2017
1,1-Dichloroethane	ND	0.0050		mg/Kg-dry	1	8/15/2017
1,2-Dichloroethane	ND	0.0050		mg/Kg-dry	1	8/15/2017
1,1-Dichloroethene	ND	0.0050		mg/Kg-dry	1	8/15/2017
cis-1,2-Dichloroethene	ND	0.0050		mg/Kg-dry	1	8/15/2017
trans-1,2-Dichloroethene	ND	0.0050		mg/Kg-dry	1	8/15/2017
1,2-Dichloropropane	ND	0.0050		mg/Kg-dry	1	8/15/2017
cis-1,3-Dichloropropene	ND	0.0020		mg/Kg-dry	1	8/15/2017
trans-1,3-Dichloropropene	ND	0.0020		mg/Kg-dry	1	8/15/2017
Ethylbenzene	ND	0.0050		mg/Kg-dry	1	8/15/2017
2-Hexanone	ND	0.020		mg/Kg-dry	1	8/15/2017
4-Methyl-2-pentanone	ND	0.020		mg/Kg-dry	1	8/15/2017
Methylene chloride	ND	0.010		mg/Kg-dry	1	8/15/2017
Methyl tert-butyl ether	ND	0.0050		mg/Kg-dry	1	8/15/2017
Styrene	ND	0.0050		mg/Kg-dry	1	8/15/2017
1,1,2,2-Tetrachloroethane	ND	0.0050		mg/Kg-dry	1	8/15/2017
Tetrachloroethene	ND	0.0050		mg/Kg-dry	1	8/15/2017
Toluene	ND	0.0050		mg/Kg-dry	1	8/15/2017
1,1,1-Trichloroethane	ND	0.0050		mg/Kg-dry	1	8/15/2017
1,1,2-Trichloroethane	ND	0.0050		mg/Kg-dry	1	8/15/2017
Trichloroethene	ND	0.0050		mg/Kg-dry	1	8/15/2017
Vinyl chloride	ND	0.0050		mg/Kg-dry	1	8/15/2017
Xylenes, Total	ND	0.015		mg/Kg-dry	1	8/15/2017

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Report Date: August 17, 2017

Print Date: August 17, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-34-04 (0-7)

Work Order: 17080266 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL

Collection Date: 8/8/2017 12:15:00 PM

Lab ID: 17080266-040B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS		SW8270C (SW3550B)		Prep Date: 8/9/2017		Analyst: MEP
Acenaphthene	ND	0.040		mg/Kg-dry	1	8/13/2017
Acenaphthylene	ND	0.040		mg/Kg-dry	1	8/13/2017
Aniline	ND	0.41		mg/Kg-dry	1	8/13/2017
Anthracene	ND	0.040		mg/Kg-dry	1	8/13/2017
Benz(a)anthracene	ND	0.040		mg/Kg-dry	1	8/13/2017
Benidine	ND	0.40		mg/Kg-dry	1	8/13/2017
Benzo(a)pyrene	ND	0.040		mg/Kg-dry	1	8/13/2017
Benzo(b)fluoranthene	ND	0.040		mg/Kg-dry	1	8/13/2017
Benzo(g,h,i)perylene	ND	0.040		mg/Kg-dry	1	8/13/2017
Benzo(k)fluoranthene	ND	0.040		mg/Kg-dry	1	8/13/2017
Benzoic acid	ND	1.0		mg/Kg-dry	1	8/13/2017
Benzyl alcohol	ND	0.21		mg/Kg-dry	1	8/13/2017
Bis(2-chloroethoxy)methane	ND	0.21		mg/Kg-dry	1	8/13/2017
Bis(2-chloroethyl)ether	ND	0.21		mg/Kg-dry	1	8/13/2017
Bis(2-ethylhexyl)phthalate	ND	1.0		mg/Kg-dry	1	8/13/2017
4-Bromophenyl phenyl ether	ND	0.21		mg/Kg-dry	1	8/13/2017
Butyl benzyl phthalate	ND	0.21		mg/Kg-dry	1	8/13/2017
Carbazole	ND	0.21		mg/Kg-dry	1	8/13/2017
4-Chloroaniline	ND	0.21		mg/Kg-dry	1	8/13/2017
4-Chloro-3-methylphenol	ND	0.40		mg/Kg-dry	1	8/13/2017
2-Chloronaphthalene	ND	0.21		mg/Kg-dry	1	8/13/2017
2-Chlorophenol	ND	0.21		mg/Kg-dry	1	8/13/2017
4-Chlorophenyl phenyl ether	ND	0.21		mg/Kg-dry	1	8/13/2017
Chrysene	ND	0.040		mg/Kg-dry	1	8/13/2017
Dibenz(a,h)anthracene	ND	0.040		mg/Kg-dry	1	8/13/2017
Dibenzofuran	ND	0.21		mg/Kg-dry	1	8/13/2017
1,2-Dichlorobenzene	ND	0.21		mg/Kg-dry	1	8/13/2017
1,3-Dichlorobenzene	ND	0.21		mg/Kg-dry	1	8/13/2017
1,4-Dichlorobenzene	ND	0.21		mg/Kg-dry	1	8/13/2017
3,3'-Dichlorobenzidine	ND	0.21		mg/Kg-dry	1	8/13/2017
2,4-Dichlorophenol	ND	0.21		mg/Kg-dry	1	8/13/2017
Diethyl phthalate	ND	0.21		mg/Kg-dry	1	8/13/2017
2,4-Dimethylphenol	ND	0.21		mg/Kg-dry	1	8/13/2017
Dimethyl phthalate	ND	0.21		mg/Kg-dry	1	8/13/2017
4,6-Dinitro-2-methylphenol	ND	0.40		mg/Kg-dry	1	8/13/2017
2,4-Dinitrophenol	ND	1.0		mg/Kg-dry	1	8/13/2017
2,4-Dinitrotoluene	ND	0.040		mg/Kg-dry	1	8/13/2017
2,6-Dinitrotoluene	ND	0.040		mg/Kg-dry	1	8/13/2017

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Report Date: August 17, 2017

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ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-34-04 (0-7)

Work Order: 17080266 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 8/8/2017 12:15:00 PM

Lab ID: 17080266-040B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS						
	SW8270C (SW3550B)				Prep Date: 8/9/2017	Analyst: MEP
Di-n-butyl phthalate	ND	0.21		mg/Kg-dry	1	8/13/2017
Di-n-octyl phthalate	ND	0.21		mg/Kg-dry	1	8/13/2017
Fluoranthene	ND	0.040		mg/Kg-dry	1	8/13/2017
Fluorene	ND	0.040		mg/Kg-dry	1	8/13/2017
Hexachlorobenzene	ND	0.21		mg/Kg-dry	1	8/13/2017
Hexachlorobutadiene	ND	0.21		mg/Kg-dry	1	8/13/2017
Hexachlorocyclopentadiene	ND	0.21		mg/Kg-dry	1	8/13/2017
Hexachloroethane	ND	0.21		mg/Kg-dry	1	8/13/2017
Indeno(1,2,3-cd)pyrene	ND	0.040		mg/Kg-dry	1	8/13/2017
Isophorone	ND	0.21		mg/Kg-dry	1	8/13/2017
2-Methylnaphthalene	ND	0.21		mg/Kg-dry	1	8/13/2017
2-Methylphenol	ND	0.21		mg/Kg-dry	1	8/13/2017
4-Methylphenol	ND	0.21		mg/Kg-dry	1	8/13/2017
Naphthalene	ND	0.040		mg/Kg-dry	1	8/13/2017
2-Nitroaniline	ND	0.21		mg/Kg-dry	1	8/13/2017
3-Nitroaniline	ND	0.21		mg/Kg-dry	1	8/13/2017
4-Nitroaniline	ND	0.21		mg/Kg-dry	1	8/13/2017
2-Nitrophenol	ND	0.21		mg/Kg-dry	1	8/13/2017
4-Nitrophenol	ND	0.40		mg/Kg-dry	1	8/13/2017
Nitrobenzene	ND	0.040		mg/Kg-dry	1	8/13/2017
N-Nitrosodi-n-propylamine	ND	0.040		mg/Kg-dry	1	8/13/2017
N-Nitrosodimethylamine	ND	0.21		mg/Kg-dry	1	8/13/2017
N-Nitrosodiphenylamine	ND	0.21		mg/Kg-dry	1	8/13/2017
2, 2'-oxybis(1-Chloropropane)	ND	0.21		mg/Kg-dry	1	8/13/2017
Pentachlorophenol	ND	0.082		mg/Kg-dry	1	8/13/2017
Phenanthrene	ND	0.040		mg/Kg-dry	1	8/13/2017
Phenol	ND	0.21		mg/Kg-dry	1	8/13/2017
Pyrene	ND	0.040		mg/Kg-dry	1	8/13/2017
Pyridine	ND	0.82		mg/Kg-dry	1	8/13/2017
1,2,4-Trichlorobenzene	ND	0.21		mg/Kg-dry	1	8/13/2017
2,4,5-Trichlorophenol	ND	0.21		mg/Kg-dry	1	8/13/2017
2,4,6-Trichlorophenol	ND	0.21		mg/Kg-dry	1	8/13/2017
Metals by ICP/MS						
	SW6020 (SW3050B)				Prep Date: 8/9/2017	Analyst: JG
Aluminum	15000	21		mg/Kg-dry	10	8/12/2017
Antimony	ND	2.1		mg/Kg-dry	10	8/12/2017
Arsenic	9.0	1.1		mg/Kg-dry	10	8/12/2017
Barium	110	1.1		mg/Kg-dry	10	8/12/2017
Beryllium	1.1	0.53		mg/Kg-dry	10	8/14/2017

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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E - Value above quantitation range

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

Report Date: August 17, 2017

Print Date: August 17, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-34-04 (0-7)

Work Order: 17080266 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 8/8/2017 12:15:00 PM

Lab ID: 17080266-040B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed

Metals by ICP/MS

SW6020 (SW3050B)

Prep Date: 8/9/2017

Analyst: JG

Cadmium	ND	0.53		mg/Kg-dry	10	8/12/2017
Calcium	68000	63		mg/Kg-dry	10	8/12/2017
Chromium	25	1.1		mg/Kg-dry	10	8/12/2017
Cobalt	14	1.1		mg/Kg-dry	10	8/12/2017
Copper	33	2.6		mg/Kg-dry	10	8/12/2017
Iron	28000	32		mg/Kg-dry	10	8/12/2017
Lead	25	0.53		mg/Kg-dry	10	8/12/2017
Magnesium	40000	32		mg/Kg-dry	10	8/12/2017
Manganese	760	1.1		mg/Kg-dry	10	8/12/2017
Nickel	34	1.1		mg/Kg-dry	10	8/12/2017
Potassium	2200	32		mg/Kg-dry	10	8/12/2017
Selenium	ND	1.1		mg/Kg-dry	10	8/12/2017
Silver	ND	1.1		mg/Kg-dry	10	8/12/2017
Sodium	830	63		mg/Kg-dry	10	8/12/2017
Thallium	ND	1.1		mg/Kg-dry	10	8/12/2017
Vanadium	32	1.1		mg/Kg-dry	10	8/12/2017
Zinc	95	5.3		mg/Kg-dry	10	8/12/2017

SPLP Metals by ICP/MS

SW1312/6020 (SW3005A)

Prep Date: 8/12/2017

Analyst: JG

Arsenic	ND	0.0040		mg/L	2	8/16/2017
Barium	ND	0.020		mg/L	2	8/16/2017
Beryllium	ND	0.0020		mg/L	2	8/16/2017
Cadmium	ND	0.0020		mg/L	2	8/16/2017
Chromium	ND	0.0040		mg/L	2	8/16/2017
Cobalt	ND	0.0040		mg/L	2	8/16/2017
Copper	ND	0.040		mg/L	2	8/16/2017
Iron	0.56	0.10		mg/L	2	8/16/2017
Lead	ND	0.0020		mg/L	2	8/16/2017
Manganese	0.0079	0.0040		mg/L	2	8/16/2017
Nickel	ND	0.0040		mg/L	2	8/16/2017
Selenium	ND	0.0040		mg/L	2	8/16/2017
Silver	ND	0.0040		mg/L	2	8/16/2017
Zinc	ND	0.020		mg/L	2	8/16/2017

TCLP Metals by ICP/MS

SW1311/6020 (SW3005A)

Prep Date: 8/14/2017

Analyst: JG

Arsenic	ND	0.010		mg/L	5	8/15/2017
Barium	0.77	0.050		mg/L	5	8/15/2017
Beryllium	ND	0.0050		mg/L	5	8/15/2017
Cadmium	ND	0.0050		mg/L	5	8/15/2017

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Report Date: August 17, 2017

Print Date: August 17, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-34-04 (0-7)

Work Order: 17080266 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL

Collection Date: 8/8/2017 12:15:00 PM

Lab ID: 17080266-040B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
TCLP Metals by ICP/MS	SW1311/6020 (SW3005A)					Prep Date: 8/14/2017 Analyst: JG
Chromium	ND	0.010		mg/L	5	8/15/2017
Cobalt	0.041	0.010		mg/L	5	8/15/2017
Copper	ND	0.10		mg/L	5	8/15/2017
Iron	1.4	0.25		mg/L	5	8/15/2017
Lead	ND	0.0050		mg/L	5	8/15/2017
Manganese	12	0.010		mg/L	5	8/15/2017
Nickel	0.054	0.010		mg/L	5	8/15/2017
Selenium	ND	0.010		mg/L	5	8/15/2017
Silver	ND	0.010		mg/L	5	8/15/2017
Zinc	0.088	0.050		mg/L	5	8/15/2017
TCLP Mercury	SW1311/7470A					Prep Date: 8/14/2017 Analyst: LB
Mercury	ND	0.00020		mg/L	1	8/14/2017
SPLP Mercury	SW1312/7470A					Prep Date: 8/11/2017 Analyst: LB
Mercury	ND	0.00025		mg/L	1	8/14/2017
Mercury	SW7471A					Prep Date: 8/10/2017 Analyst: LB
Mercury	0.028	0.019		mg/Kg-dry	1	8/11/2017
pH (25 °C)	SW9045C					Prep Date: 8/11/2017 Analyst: RW
pH	8.29			pH Units	1	8/11/2017
Percent Moisture	D2974					Prep Date: 8/9/2017 Analyst: KKA
Percent Moisture	19.3	0.2	*	wt%	1	8/10/2017

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Report Date: August 17, 2017

Print Date: August 17, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-34-04 (7-14)

Work Order: 17080266 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 8/8/2017 12:18:00 PM

Lab ID: 17080266-041A

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS		SW5035/8260B			Prep Date: 8/9/2017	Analyst: ERP
Acetone	ND	0.079		mg/Kg-dry	1	8/15/2017
Benzene	ND	0.0052		mg/Kg-dry	1	8/15/2017
Bromodichloromethane	ND	0.0052		mg/Kg-dry	1	8/15/2017
Bromoform	ND	0.0052		mg/Kg-dry	1	8/15/2017
Bromomethane	ND	0.010		mg/Kg-dry	1	8/15/2017
2-Butanone	ND	0.079		mg/Kg-dry	1	8/15/2017
Carbon disulfide	ND	0.052		mg/Kg-dry	1	8/15/2017
Carbon tetrachloride	ND	0.0052		mg/Kg-dry	1	8/15/2017
Chlorobenzene	ND	0.0052		mg/Kg-dry	1	8/15/2017
Chloroethane	ND	0.010		mg/Kg-dry	1	8/15/2017
Chloroform	ND	0.0052		mg/Kg-dry	1	8/15/2017
Chloromethane	ND	0.010		mg/Kg-dry	1	8/15/2017
Dibromochloromethane	ND	0.0052		mg/Kg-dry	1	8/15/2017
1,1-Dichloroethane	ND	0.0052		mg/Kg-dry	1	8/15/2017
1,2-Dichloroethane	ND	0.0052		mg/Kg-dry	1	8/15/2017
1,1-Dichloroethene	ND	0.0052		mg/Kg-dry	1	8/15/2017
cis-1,2-Dichloroethene	ND	0.0052		mg/Kg-dry	1	8/15/2017
trans-1,2-Dichloroethene	ND	0.0052		mg/Kg-dry	1	8/15/2017
1,2-Dichloropropane	ND	0.0052		mg/Kg-dry	1	8/15/2017
cis-1,3-Dichloropropene	ND	0.0021		mg/Kg-dry	1	8/15/2017
trans-1,3-Dichloropropene	ND	0.0021		mg/Kg-dry	1	8/15/2017
Ethylbenzene	ND	0.0052		mg/Kg-dry	1	8/15/2017
2-Hexanone	ND	0.021		mg/Kg-dry	1	8/15/2017
4-Methyl-2-pentanone	ND	0.021		mg/Kg-dry	1	8/15/2017
Methylene chloride	ND	0.010		mg/Kg-dry	1	8/15/2017
Methyl tert-butyl ether	ND	0.0052		mg/Kg-dry	1	8/15/2017
Styrene	ND	0.0052		mg/Kg-dry	1	8/15/2017
1,1,2,2-Tetrachloroethane	ND	0.0052		mg/Kg-dry	1	8/15/2017
Tetrachloroethene	ND	0.0052		mg/Kg-dry	1	8/15/2017
Toluene	ND	0.0052		mg/Kg-dry	1	8/15/2017
1,1,1-Trichloroethane	ND	0.0052		mg/Kg-dry	1	8/15/2017
1,1,2-Trichloroethane	ND	0.0052		mg/Kg-dry	1	8/15/2017
Trichloroethene	ND	0.0052		mg/Kg-dry	1	8/15/2017
Vinyl chloride	ND	0.0052		mg/Kg-dry	1	8/15/2017
Xylenes, Total	ND	0.016		mg/Kg-dry	1	8/15/2017

Qualifiers:

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Report Date: August 17, 2017

Print Date: August 17, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-34-04 (7-14)

Work Order: 17080266 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL

Collection Date: 8/8/2017 12:18:00 PM

Lab ID: 17080266-041B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS		SW8270C (SW3550B)		Prep Date: 8/10/2017		Analyst: MEP
Acenaphthene	ND	0.039		mg/Kg-dry	1	8/13/2017
Acenaphthylene	ND	0.039		mg/Kg-dry	1	8/13/2017
Aniline	ND	0.39		mg/Kg-dry	1	8/13/2017
Anthracene	ND	0.039		mg/Kg-dry	1	8/13/2017
Benz(a)anthracene	ND	0.039		mg/Kg-dry	1	8/13/2017
Benzidine	ND	0.39		mg/Kg-dry	1	8/13/2017
Benzo(a)pyrene	ND	0.039		mg/Kg-dry	1	8/13/2017
Benzo(b)fluoranthene	ND	0.039		mg/Kg-dry	1	8/13/2017
Benzo(g,h,i)perylene	ND	0.039		mg/Kg-dry	1	8/13/2017
Benzo(k)fluoranthene	ND	0.039		mg/Kg-dry	1	8/13/2017
Benzoic acid	ND	0.97		mg/Kg-dry	1	8/13/2017
Benzyl alcohol	ND	0.20		mg/Kg-dry	1	8/13/2017
Bis(2-chloroethoxy)methane	ND	0.20		mg/Kg-dry	1	8/13/2017
Bis(2-chloroethyl)ether	ND	0.20		mg/Kg-dry	1	8/13/2017
Bis(2-ethylhexyl)phthalate	ND	0.97		mg/Kg-dry	1	8/13/2017
4-Bromophenyl phenyl ether	ND	0.20		mg/Kg-dry	1	8/13/2017
Butyl benzyl phthalate	ND	0.20		mg/Kg-dry	1	8/13/2017
Carbazole	ND	0.20		mg/Kg-dry	1	8/13/2017
4-Chloroaniline	ND	0.20		mg/Kg-dry	1	8/13/2017
4-Chloro-3-methylphenol	ND	0.39		mg/Kg-dry	1	8/13/2017
2-Chloronaphthalene	ND	0.20		mg/Kg-dry	1	8/13/2017
2-Chlorophenol	ND	0.20		mg/Kg-dry	1	8/13/2017
4-Chlorophenyl phenyl ether	ND	0.20		mg/Kg-dry	1	8/13/2017
Chrysene	ND	0.039		mg/Kg-dry	1	8/13/2017
Dibenz(a,h)anthracene	ND	0.039		mg/Kg-dry	1	8/13/2017
Dibenzofuran	ND	0.20		mg/Kg-dry	1	8/13/2017
1,2-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	8/13/2017
1,3-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	8/13/2017
1,4-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	8/13/2017
3,3'-Dichlorobenzidine	ND	0.20		mg/Kg-dry	1	8/13/2017
2,4-Dichlorophenol	ND	0.20		mg/Kg-dry	1	8/13/2017
Diethyl phthalate	ND	0.20		mg/Kg-dry	1	8/13/2017
2,4-Dimethylphenol	ND	0.20		mg/Kg-dry	1	8/13/2017
Dimethyl phthalate	ND	0.20		mg/Kg-dry	1	8/13/2017
4,6-Dinitro-2-methylphenol	ND	0.39		mg/Kg-dry	1	8/13/2017
2,4-Dinitrophenol	ND	0.97		mg/Kg-dry	1	8/13/2017
2,4-Dinitrotoluene	ND	0.039		mg/Kg-dry	1	8/13/2017
2,6-Dinitrotoluene	ND	0.039		mg/Kg-dry	1	8/13/2017

Qualifiers:

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Report Date: August 17, 2017

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ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-34-04 (7-14)

Work Order: 17080266 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 8/8/2017 12:18:00 PM

Lab ID: 17080266-041B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS						
	SW8270C (SW3550B)					Prep Date: 8/10/2017 Analyst: MEP
Di-n-butyl phthalate	ND	0.20		mg/Kg-dry	1	8/13/2017
Di-n-octyl phthalate	ND	0.20		mg/Kg-dry	1	8/13/2017
Fluoranthene	ND	0.039		mg/Kg-dry	1	8/13/2017
Fluorene	ND	0.039		mg/Kg-dry	1	8/13/2017
Hexachlorobenzene	ND	0.20		mg/Kg-dry	1	8/13/2017
Hexachlorobutadiene	ND	0.20		mg/Kg-dry	1	8/13/2017
Hexachlorocyclopentadiene	ND	0.20		mg/Kg-dry	1	8/13/2017
Hexachloroethane	ND	0.20		mg/Kg-dry	1	8/13/2017
Indeno(1,2,3-cd)pyrene	ND	0.039		mg/Kg-dry	1	8/13/2017
Isophorone	ND	0.20		mg/Kg-dry	1	8/13/2017
2-Methylnaphthalene	ND	0.20		mg/Kg-dry	1	8/13/2017
2-Methylphenol	ND	0.20		mg/Kg-dry	1	8/13/2017
4-Methylphenol	ND	0.20		mg/Kg-dry	1	8/13/2017
Naphthalene	ND	0.039		mg/Kg-dry	1	8/13/2017
2-Nitroaniline	ND	0.20		mg/Kg-dry	1	8/13/2017
3-Nitroaniline	ND	0.20		mg/Kg-dry	1	8/13/2017
4-Nitroaniline	ND	0.20		mg/Kg-dry	1	8/13/2017
2-Nitrophenol	ND	0.20		mg/Kg-dry	1	8/13/2017
4-Nitrophenol	ND	0.39		mg/Kg-dry	1	8/13/2017
Nitrobenzene	ND	0.039		mg/Kg-dry	1	8/13/2017
N-Nitrosodi-n-propylamine	ND	0.039		mg/Kg-dry	1	8/13/2017
N-Nitrosodimethylamine	ND	0.20		mg/Kg-dry	1	8/13/2017
N-Nitrosodiphenylamine	ND	0.20		mg/Kg-dry	1	8/13/2017
2, 2'-oxybis(1-Chloropropane)	ND	0.20		mg/Kg-dry	1	8/13/2017
Pentachlorophenol	ND	0.078		mg/Kg-dry	1	8/13/2017
Phenanthrene	ND	0.039		mg/Kg-dry	1	8/13/2017
Phenol	ND	0.20		mg/Kg-dry	1	8/13/2017
Pyrene	ND	0.039		mg/Kg-dry	1	8/13/2017
Pyridine	ND	0.78		mg/Kg-dry	1	8/13/2017
1,2,4-Trichlorobenzene	ND	0.20		mg/Kg-dry	1	8/13/2017
2,4,5-Trichlorophenol	ND	0.20		mg/Kg-dry	1	8/13/2017
2,4,6-Trichlorophenol	ND	0.20		mg/Kg-dry	1	8/13/2017
Metals by ICP/MS						
	SW6020 (SW3050B)					Prep Date: 8/9/2017 Analyst: JG
Aluminum	13000	20		mg/Kg-dry	10	8/13/2017
Antimony	ND	2.0		mg/Kg-dry	10	8/13/2017
Arsenic	7.1	1.0		mg/Kg-dry	10	8/13/2017
Barium	75	1.0		mg/Kg-dry	10	8/13/2017
Beryllium	0.68	0.51		mg/Kg-dry	10	8/13/2017

Qualifiers:

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R - RPD outside accepted recovery limits

E - Value above quantitation range

H - Holding time exceeded

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

Report Date: August 17, 2017

Print Date: August 17, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-34-04 (7-14)

Work Order: 17080266 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL

Collection Date: 8/8/2017 12:18:00 PM

Lab ID: 17080266-041B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed

Metals by ICP/MS

SW6020 (SW3050B)

Prep Date: 8/9/2017

Analyst: JG

Cadmium	ND	0.51		mg/Kg-dry	10	8/13/2017
Calcium	44000	61		mg/Kg-dry	10	8/13/2017
Chromium	21	1.0		mg/Kg-dry	10	8/13/2017
Cobalt	9.1	1.0		mg/Kg-dry	10	8/13/2017
Copper	26	2.6		mg/Kg-dry	10	8/13/2017
Iron	23000	31		mg/Kg-dry	10	8/13/2017
Lead	15	0.51		mg/Kg-dry	10	8/13/2017
Magnesium	26000	31		mg/Kg-dry	10	8/13/2017
Manganese	430	1.0		mg/Kg-dry	10	8/13/2017
Nickel	30	1.0		mg/Kg-dry	10	8/13/2017
Potassium	2000	31		mg/Kg-dry	10	8/13/2017
Selenium	ND	1.0		mg/Kg-dry	10	8/13/2017
Silver	ND	1.0		mg/Kg-dry	10	8/13/2017
Sodium	360	61		mg/Kg-dry	10	8/13/2017
Thallium	ND	1.0		mg/Kg-dry	10	8/13/2017
Vanadium	25	1.0		mg/Kg-dry	10	8/13/2017
Zinc	62	5.1		mg/Kg-dry	10	8/13/2017

SPLP Metals by ICP/MS

SW1312/6020 (SW3005A)

Prep Date: 8/12/2017

Analyst: JG

Arsenic	ND	0.0040		mg/L	2	8/16/2017
Barium	ND	0.020		mg/L	2	8/16/2017
Beryllium	ND	0.0020		mg/L	2	8/16/2017
Cadmium	ND	0.0020		mg/L	2	8/16/2017
Chromium	ND	0.0040		mg/L	2	8/16/2017
Cobalt	ND	0.0040		mg/L	2	8/16/2017
Copper	ND	0.040		mg/L	2	8/16/2017
Iron	1.0	0.10		mg/L	2	8/16/2017
Lead	ND	0.0020		mg/L	2	8/16/2017
Manganese	0.020	0.0040		mg/L	2	8/16/2017
Nickel	ND	0.0040		mg/L	2	8/16/2017
Selenium	ND	0.0040		mg/L	2	8/16/2017
Silver	ND	0.0040		mg/L	2	8/16/2017
Zinc	ND	0.020		mg/L	2	8/16/2017

TCLP Metals by ICP/MS

SW1311/6020 (SW3005A)

Prep Date: 8/12/2017

Analyst: JG

Arsenic	ND	0.010		mg/L	5	8/15/2017
Barium	0.50	0.050		mg/L	5	8/15/2017
Beryllium	ND	0.0050		mg/L	5	8/15/2017
Cadmium	ND	0.0050		mg/L	5	8/15/2017

Qualifiers:

ND - Not Detected at the Reporting Limit

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E - Value above quantitation range

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Report Date: August 17, 2017

Print Date: August 17, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-34-04 (7-14)

Work Order: 17080266 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 8/8/2017 12:18:00 PM

Lab ID: 17080266-041B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
TCLP Metals by ICP/MS	SW1311/6020 (SW3005A)					Prep Date: 8/12/2017 Analyst: JG
Chromium	ND	0.010		mg/L	5	8/15/2017
Cobalt	0.072	0.010		mg/L	5	8/15/2017
Copper	ND	0.10		mg/L	5	8/15/2017
Iron	0.65	0.25		mg/L	5	8/15/2017
Lead	ND	0.0050		mg/L	5	8/15/2017
Manganese	9.0	0.010		mg/L	5	8/15/2017
Nickel	0.068	0.010		mg/L	5	8/15/2017
Selenium	ND	0.010		mg/L	5	8/15/2017
Silver	ND	0.010		mg/L	5	8/15/2017
Zinc	ND	0.050		mg/L	5	8/15/2017
TCLP Mercury	SW1311/7470A					Prep Date: 8/14/2017 Analyst: LB
Mercury	ND	0.00020		mg/L	1	8/14/2017
SPLP Mercury	SW1312/7470A					Prep Date: 8/11/2017 Analyst: LB
Mercury	ND	0.00025		mg/L	1	8/14/2017
Mercury	SW7471A					Prep Date: 8/10/2017 Analyst: LB
Mercury	0.023	0.022		mg/Kg-dry	1	8/10/2017
pH (25 °C)	SW9045C					Prep Date: 8/11/2017 Analyst: RW
pH	7.99			pH Units	1	8/11/2017
Percent Moisture	D2974					Prep Date: 8/10/2017 Analyst: KKA
Percent Moisture	14.6	0.2	*	wt%	1	8/11/2017

Qualifiers:

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Report Date: August 17, 2017

Print Date: August 17, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-34-05 (0-7)

Work Order: 17080266 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 8/8/2017 12:27:00 PM

Lab ID: 17080266-042A

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS		SW5035/8260B		Prep Date: 8/9/2017		Analyst: ERP
Acetone	ND	0.071		mg/Kg-dry	1	8/15/2017
Benzene	ND	0.0047		mg/Kg-dry	1	8/15/2017
Bromodichloromethane	ND	0.0047		mg/Kg-dry	1	8/15/2017
Bromoform	ND	0.0047		mg/Kg-dry	1	8/15/2017
Bromomethane	ND	0.0095		mg/Kg-dry	1	8/15/2017
2-Butanone	ND	0.071		mg/Kg-dry	1	8/15/2017
Carbon disulfide	ND	0.047		mg/Kg-dry	1	8/15/2017
Carbon tetrachloride	ND	0.0047		mg/Kg-dry	1	8/15/2017
Chlorobenzene	ND	0.0047		mg/Kg-dry	1	8/15/2017
Chloroethane	ND	0.0095		mg/Kg-dry	1	8/15/2017
Chloroform	ND	0.0047		mg/Kg-dry	1	8/15/2017
Chloromethane	ND	0.0095		mg/Kg-dry	1	8/15/2017
Dibromochloromethane	ND	0.0047		mg/Kg-dry	1	8/15/2017
1,1-Dichloroethane	ND	0.0047		mg/Kg-dry	1	8/15/2017
1,2-Dichloroethane	ND	0.0047		mg/Kg-dry	1	8/15/2017
1,1-Dichloroethene	ND	0.0047		mg/Kg-dry	1	8/15/2017
cis-1,2-Dichloroethene	ND	0.0047		mg/Kg-dry	1	8/15/2017
trans-1,2-Dichloroethene	ND	0.0047		mg/Kg-dry	1	8/15/2017
1,2-Dichloropropane	ND	0.0047		mg/Kg-dry	1	8/15/2017
cis-1,3-Dichloropropene	ND	0.0019		mg/Kg-dry	1	8/15/2017
trans-1,3-Dichloropropene	ND	0.0019		mg/Kg-dry	1	8/15/2017
Ethylbenzene	ND	0.0047		mg/Kg-dry	1	8/15/2017
2-Hexanone	ND	0.019		mg/Kg-dry	1	8/15/2017
4-Methyl-2-pentanone	ND	0.019		mg/Kg-dry	1	8/15/2017
Methylene chloride	ND	0.0095		mg/Kg-dry	1	8/15/2017
Methyl tert-butyl ether	ND	0.0047		mg/Kg-dry	1	8/15/2017
Styrene	ND	0.0047		mg/Kg-dry	1	8/15/2017
1,1,2,2-Tetrachloroethane	ND	0.0047		mg/Kg-dry	1	8/15/2017
Tetrachloroethene	ND	0.0047		mg/Kg-dry	1	8/15/2017
Toluene	ND	0.0047		mg/Kg-dry	1	8/15/2017
1,1,1-Trichloroethane	ND	0.0047		mg/Kg-dry	1	8/15/2017
1,1,2-Trichloroethane	ND	0.0047		mg/Kg-dry	1	8/15/2017
Trichloroethene	ND	0.0047		mg/Kg-dry	1	8/15/2017
Vinyl chloride	ND	0.0047		mg/Kg-dry	1	8/15/2017
Xylenes, Total	ND	0.014		mg/Kg-dry	1	8/15/2017

Qualifiers:

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Report Date: August 17, 2017

Print Date: August 17, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-34-05 (0-7)

Work Order: 17080266 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 8/8/2017 12:27:00 PM

Lab ID: 17080266-042B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS		SW8270C (SW3550B)		Prep Date: 8/10/2017		Analyst: MEP
Acenaphthene	ND	0.037		mg/Kg-dry	1	8/13/2017
Acenaphthylene	ND	0.037		mg/Kg-dry	1	8/13/2017
Aniline	ND	0.38		mg/Kg-dry	1	8/13/2017
Anthracene	ND	0.037		mg/Kg-dry	1	8/13/2017
Benz(a)anthracene	ND	0.037		mg/Kg-dry	1	8/13/2017
Benzidine	ND	0.37		mg/Kg-dry	1	8/13/2017
Benzo(a)pyrene	ND	0.037		mg/Kg-dry	1	8/13/2017
Benzo(b)fluoranthene	ND	0.037		mg/Kg-dry	1	8/13/2017
Benzo(g,h,i)perylene	ND	0.037		mg/Kg-dry	1	8/13/2017
Benzo(k)fluoranthene	ND	0.037		mg/Kg-dry	1	8/13/2017
Benzoic acid	ND	0.93		mg/Kg-dry	1	8/13/2017
Benzyl alcohol	ND	0.19		mg/Kg-dry	1	8/13/2017
Bis(2-chloroethoxy)methane	ND	0.19		mg/Kg-dry	1	8/13/2017
Bis(2-chloroethyl)ether	ND	0.19		mg/Kg-dry	1	8/13/2017
Bis(2-ethylhexyl)phthalate	ND	0.93		mg/Kg-dry	1	8/13/2017
4-Bromophenyl phenyl ether	ND	0.19		mg/Kg-dry	1	8/13/2017
Butyl benzyl phthalate	ND	0.19		mg/Kg-dry	1	8/13/2017
Carbazole	ND	0.19		mg/Kg-dry	1	8/13/2017
4-Chloroaniline	ND	0.19		mg/Kg-dry	1	8/13/2017
4-Chloro-3-methylphenol	ND	0.37		mg/Kg-dry	1	8/13/2017
2-Chloronaphthalene	ND	0.19		mg/Kg-dry	1	8/13/2017
2-Chlorophenol	ND	0.19		mg/Kg-dry	1	8/13/2017
4-Chlorophenyl phenyl ether	ND	0.19		mg/Kg-dry	1	8/13/2017
Chrysene	ND	0.037		mg/Kg-dry	1	8/13/2017
Dibenz(a,h)anthracene	ND	0.037		mg/Kg-dry	1	8/13/2017
Dibenzofuran	ND	0.19		mg/Kg-dry	1	8/13/2017
1,2-Dichlorobenzene	ND	0.19		mg/Kg-dry	1	8/13/2017
1,3-Dichlorobenzene	ND	0.19		mg/Kg-dry	1	8/13/2017
1,4-Dichlorobenzene	ND	0.19		mg/Kg-dry	1	8/13/2017
3,3'-Dichlorobenzidine	ND	0.19		mg/Kg-dry	1	8/13/2017
2,4-Dichlorophenol	ND	0.19		mg/Kg-dry	1	8/13/2017
Diethyl phthalate	ND	0.19		mg/Kg-dry	1	8/13/2017
2,4-Dimethylphenol	ND	0.19		mg/Kg-dry	1	8/13/2017
Dimethyl phthalate	ND	0.19		mg/Kg-dry	1	8/13/2017
4,6-Dinitro-2-methylphenol	ND	0.37		mg/Kg-dry	1	8/13/2017
2,4-Dinitrophenol	ND	0.93		mg/Kg-dry	1	8/13/2017
2,4-Dinitrotoluene	ND	0.037		mg/Kg-dry	1	8/13/2017
2,6-Dinitrotoluene	ND	0.037		mg/Kg-dry	1	8/13/2017

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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Report Date: August 17, 2017

Print Date: August 17, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-34-05 (0-7)

Work Order: 17080266 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 8/8/2017 12:27:00 PM

Lab ID: 17080266-042B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS						
	SW8270C (SW3550B)				Prep Date: 8/10/2017	Analyst: MEP
Di-n-butyl phthalate	ND	0.19		mg/Kg-dry	1	8/13/2017
Di-n-octyl phthalate	ND	0.19		mg/Kg-dry	1	8/13/2017
Fluoranthene	0.041	0.037		mg/Kg-dry	1	8/13/2017
Fluorene	ND	0.037		mg/Kg-dry	1	8/13/2017
Hexachlorobenzene	ND	0.19		mg/Kg-dry	1	8/13/2017
Hexachlorobutadiene	ND	0.19		mg/Kg-dry	1	8/13/2017
Hexachlorocyclopentadiene	ND	0.19		mg/Kg-dry	1	8/13/2017
Hexachloroethane	ND	0.19		mg/Kg-dry	1	8/13/2017
Indeno(1,2,3-cd)pyrene	ND	0.037		mg/Kg-dry	1	8/13/2017
Isophorone	ND	0.19		mg/Kg-dry	1	8/13/2017
2-Methylnaphthalene	ND	0.19		mg/Kg-dry	1	8/13/2017
2-Methylphenol	ND	0.19		mg/Kg-dry	1	8/13/2017
4-Methylphenol	ND	0.19		mg/Kg-dry	1	8/13/2017
Naphthalene	ND	0.037		mg/Kg-dry	1	8/13/2017
2-Nitroaniline	ND	0.19		mg/Kg-dry	1	8/13/2017
3-Nitroaniline	ND	0.19		mg/Kg-dry	1	8/13/2017
4-Nitroaniline	ND	0.19		mg/Kg-dry	1	8/13/2017
2-Nitrophenol	ND	0.19		mg/Kg-dry	1	8/13/2017
4-Nitrophenol	ND	0.37		mg/Kg-dry	1	8/13/2017
Nitrobenzene	ND	0.037		mg/Kg-dry	1	8/13/2017
N-Nitrosodi-n-propylamine	ND	0.037		mg/Kg-dry	1	8/13/2017
N-Nitrosodimethylamine	ND	0.19		mg/Kg-dry	1	8/13/2017
N-Nitrosodiphenylamine	ND	0.19		mg/Kg-dry	1	8/13/2017
2, 2'-oxybis(1-Chloropropane)	ND	0.19		mg/Kg-dry	1	8/13/2017
Pentachlorophenol	ND	0.075		mg/Kg-dry	1	8/13/2017
Phenanthrene	ND	0.037		mg/Kg-dry	1	8/13/2017
Phenol	ND	0.19		mg/Kg-dry	1	8/13/2017
Pyrene	ND	0.037		mg/Kg-dry	1	8/13/2017
Pyridine	ND	0.75		mg/Kg-dry	1	8/13/2017
1,2,4-Trichlorobenzene	ND	0.19		mg/Kg-dry	1	8/13/2017
2,4,5-Trichlorophenol	ND	0.19		mg/Kg-dry	1	8/13/2017
2,4,6-Trichlorophenol	ND	0.19		mg/Kg-dry	1	8/13/2017
Metals by ICP/MS						
	SW6020 (SW3050B)				Prep Date: 8/9/2017	Analyst: JG
Aluminum	7500	20		mg/Kg-dry	10	8/13/2017
Antimony	ND	2.0		mg/Kg-dry	10	8/13/2017
Arsenic	6.6	1.0		mg/Kg-dry	10	8/13/2017
Barium	55	1.0		mg/Kg-dry	10	8/13/2017
Beryllium	ND	0.50		mg/Kg-dry	10	8/13/2017

Qualifiers:

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Report Date: August 17, 2017

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ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-34-05 (0-7)

Work Order: 17080266 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 8/8/2017 12:27:00 PM

Lab ID: 17080266-042B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed

Metals by ICP/MS

SW6020 (SW3050B)

Prep Date: 8/9/2017

Analyst: JG

Cadmium	ND	0.50		mg/Kg-dry	10	8/13/2017
Calcium	80000	61		mg/Kg-dry	10	8/13/2017
Chromium	21	1.0		mg/Kg-dry	10	8/13/2017
Cobalt	8.7	1.0		mg/Kg-dry	10	8/13/2017
Copper	27	2.5		mg/Kg-dry	10	8/13/2017
Iron	19000	30		mg/Kg-dry	10	8/13/2017
Lead	17	0.50		mg/Kg-dry	10	8/13/2017
Magnesium	45000	30		mg/Kg-dry	10	8/13/2017
Manganese	490	1.0		mg/Kg-dry	10	8/13/2017
Nickel	22	1.0		mg/Kg-dry	10	8/13/2017
Potassium	1300	30		mg/Kg-dry	10	8/13/2017
Selenium	ND	1.0		mg/Kg-dry	10	8/13/2017
Silver	ND	1.0		mg/Kg-dry	10	8/13/2017
Sodium	450	61		mg/Kg-dry	10	8/13/2017
Thallium	ND	1.0		mg/Kg-dry	10	8/13/2017
Vanadium	20	1.0		mg/Kg-dry	10	8/13/2017
Zinc	83	5.0		mg/Kg-dry	10	8/13/2017

SPLP Metals by ICP/MS

SW1312/6020 (SW3005A)

Prep Date: 8/12/2017

Analyst: JG

Arsenic	ND	0.0040		mg/L	2	8/16/2017
Barium	ND	0.020		mg/L	2	8/16/2017
Beryllium	ND	0.0020		mg/L	2	8/16/2017
Cadmium	ND	0.0020		mg/L	2	8/16/2017
Chromium	ND	0.0040		mg/L	2	8/16/2017
Cobalt	ND	0.0040		mg/L	2	8/16/2017
Copper	ND	0.040		mg/L	2	8/16/2017
Iron	0.41	0.10		mg/L	2	8/16/2017
Lead	ND	0.0020		mg/L	2	8/16/2017
Manganese	0.011	0.0040		mg/L	2	8/16/2017
Nickel	ND	0.0040		mg/L	2	8/16/2017
Selenium	ND	0.0040		mg/L	2	8/16/2017
Silver	ND	0.0040		mg/L	2	8/16/2017
Zinc	ND	0.020		mg/L	2	8/16/2017

TCLP Metals by ICP/MS

SW1311/6020 (SW3005A)

Prep Date: 8/15/2017

Analyst: JG

Arsenic	ND	0.010		mg/L	5	8/16/2017
Barium	0.75	0.050		mg/L	5	8/16/2017
Beryllium	ND	0.0050		mg/L	5	8/16/2017
Cadmium	ND	0.0050		mg/L	5	8/16/2017

Qualifiers:

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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

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

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

Report Date: August 17, 2017

Print Date: August 17, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-34-05 (0-7)

Work Order: 17080266 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL

Collection Date: 8/8/2017 12:27:00 PM

Lab ID: 17080266-042B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
TCLP Metals by ICP/MS	SW1311/6020 (SW3005A)			Prep Date: 8/15/2017		Analyst: JG
Chromium	ND	0.010		mg/L	5	8/16/2017
Cobalt	0.019	0.010		mg/L	5	8/16/2017
Copper	ND	0.10		mg/L	5	8/16/2017
Iron	0.92	0.25		mg/L	5	8/16/2017
Lead	ND	0.0050		mg/L	5	8/16/2017
Manganese	7.3	0.010		mg/L	5	8/16/2017
Nickel	0.024	0.010		mg/L	5	8/16/2017
Selenium	ND	0.010		mg/L	5	8/16/2017
Silver	ND	0.010		mg/L	5	8/16/2017
Zinc	0.082	0.050		mg/L	5	8/16/2017
TCLP Mercury	SW1311/7470A			Prep Date: 8/15/2017		Analyst: LB
Mercury	ND	0.00020		mg/L	1	8/15/2017
SPLP Mercury	SW1312/7470A			Prep Date: 8/11/2017		Analyst: LB
Mercury	ND	0.00025		mg/L	1	8/14/2017
Mercury	SW7471A			Prep Date: 8/10/2017		Analyst: LB
Mercury	0.023	0.021		mg/Kg-dry	1	8/10/2017
pH (25 °C)	SW9045C			Prep Date: 8/11/2017		Analyst: RW
pH	7.80			pH Units	1	8/11/2017
Percent Moisture	D2974			Prep Date: 8/10/2017		Analyst: KKA
Percent Moisture	12.2	0.2	*	wt%	1	8/11/2017

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

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HT - Sample received past holding time

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

Report Date: August 17, 2017

Print Date: August 17, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-34-05 (7-14)

Work Order: 17080266 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL

Collection Date: 8/8/2017 12:30:00 PM

Lab ID: 17080266-043A

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS		SW5035/8260B			Prep Date: 8/9/2017	Analyst: ERP
Acetone	ND	0.068		mg/Kg-dry	1	8/15/2017
Benzene	ND	0.0045		mg/Kg-dry	1	8/15/2017
Bromodichloromethane	ND	0.0045		mg/Kg-dry	1	8/15/2017
Bromoform	ND	0.0045		mg/Kg-dry	1	8/15/2017
Bromomethane	ND	0.0091		mg/Kg-dry	1	8/15/2017
2-Butanone	ND	0.068		mg/Kg-dry	1	8/15/2017
Carbon disulfide	ND	0.045		mg/Kg-dry	1	8/15/2017
Carbon tetrachloride	ND	0.0045		mg/Kg-dry	1	8/15/2017
Chlorobenzene	ND	0.0045		mg/Kg-dry	1	8/15/2017
Chloroethane	ND	0.0091		mg/Kg-dry	1	8/15/2017
Chloroform	ND	0.0045		mg/Kg-dry	1	8/15/2017
Chloromethane	ND	0.0091		mg/Kg-dry	1	8/15/2017
Dibromochloromethane	ND	0.0045		mg/Kg-dry	1	8/15/2017
1,1-Dichloroethane	ND	0.0045		mg/Kg-dry	1	8/15/2017
1,2-Dichloroethane	ND	0.0045		mg/Kg-dry	1	8/15/2017
1,1-Dichloroethene	ND	0.0045		mg/Kg-dry	1	8/15/2017
cis-1,2-Dichloroethene	ND	0.0045		mg/Kg-dry	1	8/15/2017
trans-1,2-Dichloroethene	ND	0.0045		mg/Kg-dry	1	8/15/2017
1,2-Dichloropropane	ND	0.0045		mg/Kg-dry	1	8/15/2017
cis-1,3-Dichloropropene	ND	0.0018		mg/Kg-dry	1	8/15/2017
trans-1,3-Dichloropropene	ND	0.0018		mg/Kg-dry	1	8/15/2017
Ethylbenzene	ND	0.0045		mg/Kg-dry	1	8/15/2017
2-Hexanone	ND	0.018		mg/Kg-dry	1	8/15/2017
4-Methyl-2-pentanone	ND	0.018		mg/Kg-dry	1	8/15/2017
Methylene chloride	ND	0.0091		mg/Kg-dry	1	8/15/2017
Methyl tert-butyl ether	ND	0.0045		mg/Kg-dry	1	8/15/2017
Styrene	ND	0.0045		mg/Kg-dry	1	8/15/2017
1,1,2,2-Tetrachloroethane	ND	0.0045		mg/Kg-dry	1	8/15/2017
Tetrachloroethene	ND	0.0045		mg/Kg-dry	1	8/15/2017
Toluene	ND	0.0045		mg/Kg-dry	1	8/15/2017
1,1,1-Trichloroethane	ND	0.0045		mg/Kg-dry	1	8/15/2017
1,1,2-Trichloroethane	ND	0.0045		mg/Kg-dry	1	8/15/2017
Trichloroethene	ND	0.0045		mg/Kg-dry	1	8/15/2017
Vinyl chloride	ND	0.0045		mg/Kg-dry	1	8/15/2017
Xylenes, Total	ND	0.014		mg/Kg-dry	1	8/15/2017

Qualifiers:

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Report Date: August 17, 2017

Print Date: August 17, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-34-05 (7-14)

Work Order: 17080266 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL

Collection Date: 8/8/2017 12:30:00 PM

Lab ID: 17080266-043B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS		SW8270C (SW3550B)		Prep Date: 8/10/2017		Analyst: MEP
Acenaphthene	ND	0.038		mg/Kg-dry	1	8/13/2017
Acenaphthylene	ND	0.038		mg/Kg-dry	1	8/13/2017
Aniline	ND	0.38		mg/Kg-dry	1	8/13/2017
Anthracene	ND	0.038		mg/Kg-dry	1	8/13/2017
Benz(a)anthracene	0.044	0.038		mg/Kg-dry	1	8/13/2017
Benzdine	ND	0.38		mg/Kg-dry	1	8/13/2017
Benzo(a)pyrene	ND	0.038		mg/Kg-dry	1	8/13/2017
Benzo(b)fluoranthene	ND	0.038		mg/Kg-dry	1	8/13/2017
Benzo(g,h,i)perylene	ND	0.038		mg/Kg-dry	1	8/13/2017
Benzo(k)fluoranthene	ND	0.038		mg/Kg-dry	1	8/13/2017
Benzoic acid	ND	0.96		mg/Kg-dry	1	8/13/2017
Benzyl alcohol	ND	0.20		mg/Kg-dry	1	8/13/2017
Bis(2-chloroethoxy)methane	ND	0.20		mg/Kg-dry	1	8/13/2017
Bis(2-chloroethyl)ether	ND	0.20		mg/Kg-dry	1	8/13/2017
Bis(2-ethylhexyl)phthalate	ND	0.96		mg/Kg-dry	1	8/13/2017
4-Bromophenyl phenyl ether	ND	0.20		mg/Kg-dry	1	8/13/2017
Butyl benzyl phthalate	ND	0.20		mg/Kg-dry	1	8/13/2017
Carbazole	ND	0.20		mg/Kg-dry	1	8/13/2017
4-Chloroaniline	ND	0.20		mg/Kg-dry	1	8/13/2017
4-Chloro-3-methylphenol	ND	0.38		mg/Kg-dry	1	8/13/2017
2-Chloronaphthalene	ND	0.20		mg/Kg-dry	1	8/13/2017
2-Chlorophenol	ND	0.20		mg/Kg-dry	1	8/13/2017
4-Chlorophenyl phenyl ether	ND	0.20		mg/Kg-dry	1	8/13/2017
Chrysene	0.052	0.038		mg/Kg-dry	1	8/13/2017
Dibenz(a,h)anthracene	ND	0.038		mg/Kg-dry	1	8/13/2017
Dibenzofuran	ND	0.20		mg/Kg-dry	1	8/13/2017
1,2-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	8/13/2017
1,3-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	8/13/2017
1,4-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	8/13/2017
3,3'-Dichlorobenzidine	ND	0.20		mg/Kg-dry	1	8/13/2017
2,4-Dichlorophenol	ND	0.20		mg/Kg-dry	1	8/13/2017
Diethyl phthalate	ND	0.20		mg/Kg-dry	1	8/13/2017
2,4-Dimethylphenol	ND	0.20		mg/Kg-dry	1	8/13/2017
Dimethyl phthalate	ND	0.20		mg/Kg-dry	1	8/13/2017
4,6-Dinitro-2-methylphenol	ND	0.38		mg/Kg-dry	1	8/13/2017
2,4-Dinitrophenol	ND	0.96		mg/Kg-dry	1	8/13/2017
2,4-Dinitrotoluene	ND	0.038		mg/Kg-dry	1	8/13/2017
2,6-Dinitrotoluene	ND	0.038		mg/Kg-dry	1	8/13/2017

Qualifiers:

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Report Date: August 17, 2017

Print Date: August 17, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-34-05 (7-14)

Work Order: 17080266 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 8/8/2017 12:30:00 PM

Lab ID: 17080266-043B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS						
	SW8270C (SW3550B)					Prep Date: 8/10/2017 Analyst: MEP
Di-n-butyl phthalate	ND	0.20		mg/Kg-dry	1	8/13/2017
Di-n-octyl phthalate	ND	0.20		mg/Kg-dry	1	8/13/2017
Fluoranthene	0.092	0.038		mg/Kg-dry	1	8/13/2017
Fluorene	ND	0.038		mg/Kg-dry	1	8/13/2017
Hexachlorobenzene	ND	0.20		mg/Kg-dry	1	8/13/2017
Hexachlorobutadiene	ND	0.20		mg/Kg-dry	1	8/13/2017
Hexachlorocyclopentadiene	ND	0.20		mg/Kg-dry	1	8/13/2017
Hexachloroethane	ND	0.20		mg/Kg-dry	1	8/13/2017
Indeno(1,2,3-cd)pyrene	ND	0.038		mg/Kg-dry	1	8/13/2017
Isophorone	ND	0.20		mg/Kg-dry	1	8/13/2017
2-Methylnaphthalene	ND	0.20		mg/Kg-dry	1	8/13/2017
2-Methylphenol	ND	0.20		mg/Kg-dry	1	8/13/2017
4-Methylphenol	ND	0.20		mg/Kg-dry	1	8/13/2017
Naphthalene	ND	0.038		mg/Kg-dry	1	8/13/2017
2-Nitroaniline	ND	0.20		mg/Kg-dry	1	8/13/2017
3-Nitroaniline	ND	0.20		mg/Kg-dry	1	8/13/2017
4-Nitroaniline	ND	0.20		mg/Kg-dry	1	8/13/2017
2-Nitrophenol	ND	0.20		mg/Kg-dry	1	8/13/2017
4-Nitrophenol	ND	0.38		mg/Kg-dry	1	8/13/2017
Nitrobenzene	ND	0.038		mg/Kg-dry	1	8/13/2017
N-Nitrosodi-n-propylamine	ND	0.038		mg/Kg-dry	1	8/13/2017
N-Nitrosodimethylamine	ND	0.20		mg/Kg-dry	1	8/13/2017
N-Nitrosodiphenylamine	ND	0.20		mg/Kg-dry	1	8/13/2017
2, 2'-oxybis(1-Chloropropane)	ND	0.20		mg/Kg-dry	1	8/13/2017
Pentachlorophenol	ND	0.077		mg/Kg-dry	1	8/13/2017
Phenanthrene	0.041	0.038		mg/Kg-dry	1	8/13/2017
Phenol	ND	0.20		mg/Kg-dry	1	8/13/2017
Pyrene	0.074	0.038		mg/Kg-dry	1	8/13/2017
Pyridine	ND	0.77		mg/Kg-dry	1	8/13/2017
1,2,4-Trichlorobenzene	ND	0.20		mg/Kg-dry	1	8/13/2017
2,4,5-Trichlorophenol	ND	0.20		mg/Kg-dry	1	8/13/2017
2,4,6-Trichlorophenol	ND	0.20		mg/Kg-dry	1	8/13/2017
Metals by ICP/MS						
	SW6020 (SW3050B)					Prep Date: 8/9/2017 Analyst: JG
Aluminum	10000	20		mg/Kg-dry	10	8/13/2017
Antimony	ND	2.0		mg/Kg-dry	10	8/13/2017
Arsenic	6.7	0.98		mg/Kg-dry	10	8/13/2017
Barium	71	0.98		mg/Kg-dry	10	8/13/2017
Beryllium	0.55	0.49		mg/Kg-dry	10	8/13/2017

Qualifiers:

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Report Date: August 17, 2017

Print Date: August 17, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-34-05 (7-14)

Work Order: 17080266 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 8/8/2017 12:30:00 PM

Lab ID: 17080266-043B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed

Metals by ICP/MS

SW6020 (SW3050B)

Prep Date: 8/9/2017

Analyst: JG

Cadmium	ND	0.49		mg/Kg-dry	10	8/13/2017
Calcium	52000	59		mg/Kg-dry	10	8/13/2017
Chromium	25	0.98		mg/Kg-dry	10	8/13/2017
Cobalt	9.0	0.98		mg/Kg-dry	10	8/13/2017
Copper	26	2.4		mg/Kg-dry	10	8/13/2017
Iron	20000	29		mg/Kg-dry	10	8/13/2017
Lead	21	0.49		mg/Kg-dry	10	8/13/2017
Magnesium	30000	29		mg/Kg-dry	10	8/13/2017
Manganese	350	0.98		mg/Kg-dry	10	8/13/2017
Nickel	20	0.98		mg/Kg-dry	10	8/13/2017
Potassium	1400	29		mg/Kg-dry	10	8/13/2017
Selenium	ND	0.98		mg/Kg-dry	10	8/13/2017
Silver	ND	0.98		mg/Kg-dry	10	8/13/2017
Sodium	2300	59		mg/Kg-dry	10	8/13/2017
Thallium	ND	0.98		mg/Kg-dry	10	8/13/2017
Vanadium	24	0.98		mg/Kg-dry	10	8/13/2017
Zinc	71	4.9		mg/Kg-dry	10	8/13/2017

SPLP Metals by ICP/MS

SW1312/6020 (SW3005A)

Prep Date: 8/12/2017

Analyst: JG

Arsenic	0.0042	0.0040		mg/L	2	8/16/2017
Barium	ND	0.020		mg/L	2	8/16/2017
Beryllium	ND	0.0020		mg/L	2	8/16/2017
Cadmium	ND	0.0020		mg/L	2	8/16/2017
Chromium	0.0074	0.0040		mg/L	2	8/16/2017
Cobalt	ND	0.0040		mg/L	2	8/16/2017
Copper	ND	0.040		mg/L	2	8/16/2017
Iron	6.6	0.10		mg/L	2	8/16/2017
Lead	0.0040	0.0020		mg/L	2	8/16/2017
Manganese	0.057	0.0040		mg/L	2	8/16/2017
Nickel	0.0094	0.0040		mg/L	2	8/16/2017
Selenium	ND	0.0040		mg/L	2	8/16/2017
Silver	ND	0.0040		mg/L	2	8/16/2017
Zinc	ND	0.020		mg/L	2	8/16/2017

TCLP Metals by ICP/MS

SW1311/6020 (SW3005A)

Prep Date: 8/15/2017

Analyst: JG

Arsenic	ND	0.010		mg/L	5	8/16/2017
Barium	0.65	0.050		mg/L	5	8/16/2017
Beryllium	ND	0.0050		mg/L	5	8/16/2017
Cadmium	ND	0.0050		mg/L	5	8/16/2017

Qualifiers:

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Report Date: August 17, 2017

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ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-34-05 (7-14)

Work Order: 17080266 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL

Collection Date: 8/8/2017 12:30:00 PM

Lab ID: 17080266-043B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
TCLP Metals by ICP/MS	SW1311/6020 (SW3005A)					Prep Date: 8/15/2017 Analyst: JG
Chromium	ND	0.010		mg/L	5	8/16/2017
Cobalt	0.025	0.010		mg/L	5	8/16/2017
Copper	ND	0.10		mg/L	5	8/16/2017
Iron	1.4	0.25		mg/L	5	8/16/2017
Lead	ND	0.0050		mg/L	5	8/16/2017
Manganese	7.1	0.010		mg/L	5	8/16/2017
Nickel	0.024	0.010		mg/L	5	8/16/2017
Selenium	ND	0.010		mg/L	5	8/16/2017
Silver	ND	0.010		mg/L	5	8/16/2017
Zinc	0.075	0.050		mg/L	5	8/16/2017
TCLP Mercury	SW1311/7470A					Prep Date: 8/15/2017 Analyst: LB
Mercury	ND	0.00020		mg/L	1	8/15/2017
SPLP Mercury	SW1312/7470A					Prep Date: 8/11/2017 Analyst: LB
Mercury	ND	0.00025		mg/L	1	8/14/2017
Mercury	SW7471A					Prep Date: 8/10/2017 Analyst: LB
Mercury	ND	0.020		mg/Kg-dry	1	8/10/2017
pH (25 °C)	SW9045C					Prep Date: 8/11/2017 Analyst: RW
pH	8.04			pH Units	1	8/11/2017
Percent Moisture	D2974					Prep Date: 8/10/2017 Analyst: KKA
Percent Moisture	13.3	0.2	*	wt%	1	8/11/2017

Qualifiers:

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J - Analyte detected below quantitation limits

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Report Date: August 17, 2017

Print Date: August 17, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-34-06 (0-7)

Work Order: 17080266 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 8/8/2017 12:40:00 PM

Lab ID: 17080266-044A

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS		SW5035/8260B			Prep Date: 8/9/2017	Analyst: ERP
Acetone	ND	0.073		mg/Kg-dry	1	8/15/2017
Benzene	ND	0.0049		mg/Kg-dry	1	8/15/2017
Bromodichloromethane	ND	0.0049		mg/Kg-dry	1	8/15/2017
Bromoform	ND	0.0049		mg/Kg-dry	1	8/15/2017
Bromomethane	ND	0.0098		mg/Kg-dry	1	8/15/2017
2-Butanone	ND	0.073		mg/Kg-dry	1	8/15/2017
Carbon disulfide	ND	0.049		mg/Kg-dry	1	8/15/2017
Carbon tetrachloride	ND	0.0049		mg/Kg-dry	1	8/15/2017
Chlorobenzene	ND	0.0049		mg/Kg-dry	1	8/15/2017
Chloroethane	ND	0.0098		mg/Kg-dry	1	8/15/2017
Chloroform	ND	0.0049		mg/Kg-dry	1	8/15/2017
Chloromethane	ND	0.0098		mg/Kg-dry	1	8/15/2017
Dibromochloromethane	ND	0.0049		mg/Kg-dry	1	8/15/2017
1,1-Dichloroethane	ND	0.0049		mg/Kg-dry	1	8/15/2017
1,2-Dichloroethane	ND	0.0049		mg/Kg-dry	1	8/15/2017
1,1-Dichloroethene	ND	0.0049		mg/Kg-dry	1	8/15/2017
cis-1,2-Dichloroethene	ND	0.0049		mg/Kg-dry	1	8/15/2017
trans-1,2-Dichloroethene	ND	0.0049		mg/Kg-dry	1	8/15/2017
1,2-Dichloropropane	ND	0.0049		mg/Kg-dry	1	8/15/2017
cis-1,3-Dichloropropene	ND	0.0020		mg/Kg-dry	1	8/15/2017
trans-1,3-Dichloropropene	ND	0.0020		mg/Kg-dry	1	8/15/2017
Ethylbenzene	ND	0.0049		mg/Kg-dry	1	8/15/2017
2-Hexanone	ND	0.020		mg/Kg-dry	1	8/15/2017
4-Methyl-2-pentanone	ND	0.020		mg/Kg-dry	1	8/15/2017
Methylene chloride	ND	0.0098		mg/Kg-dry	1	8/15/2017
Methyl tert-butyl ether	ND	0.0049		mg/Kg-dry	1	8/15/2017
Styrene	ND	0.0049		mg/Kg-dry	1	8/15/2017
1,1,2,2-Tetrachloroethane	ND	0.0049		mg/Kg-dry	1	8/15/2017
Tetrachloroethene	ND	0.0049		mg/Kg-dry	1	8/15/2017
Toluene	ND	0.0049		mg/Kg-dry	1	8/15/2017
1,1,1-Trichloroethane	ND	0.0049		mg/Kg-dry	1	8/15/2017
1,1,2-Trichloroethane	ND	0.0049		mg/Kg-dry	1	8/15/2017
Trichloroethene	ND	0.0049		mg/Kg-dry	1	8/15/2017
Vinyl chloride	ND	0.0049		mg/Kg-dry	1	8/15/2017
Xylenes, Total	ND	0.015		mg/Kg-dry	1	8/15/2017

Qualifiers:

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

Report Date: August 17, 2017

Print Date: August 17, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-34-06 (0-7)

Work Order: 17080266 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL

Collection Date: 8/8/2017 12:40:00 PM

Lab ID: 17080266-044B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS		SW8270C (SW3550B)		Prep Date: 8/10/2017		Analyst: MEP
Acenaphthene	ND	0.039		mg/Kg-dry	1	8/13/2017
Acenaphthylene	ND	0.039		mg/Kg-dry	1	8/13/2017
Aniline	ND	0.39		mg/Kg-dry	1	8/13/2017
Anthracene	ND	0.039		mg/Kg-dry	1	8/13/2017
Benz(a)anthracene	ND	0.039		mg/Kg-dry	1	8/13/2017
Benzidine	ND	0.39		mg/Kg-dry	1	8/13/2017
Benzo(a)pyrene	ND	0.039		mg/Kg-dry	1	8/13/2017
Benzo(b)fluoranthene	ND	0.039		mg/Kg-dry	1	8/13/2017
Benzo(g,h,i)perylene	ND	0.039		mg/Kg-dry	1	8/13/2017
Benzo(k)fluoranthene	ND	0.039		mg/Kg-dry	1	8/13/2017
Benzoic acid	ND	0.98		mg/Kg-dry	1	8/13/2017
Benzyl alcohol	ND	0.20		mg/Kg-dry	1	8/13/2017
Bis(2-chloroethoxy)methane	ND	0.20		mg/Kg-dry	1	8/13/2017
Bis(2-chloroethyl)ether	ND	0.20		mg/Kg-dry	1	8/13/2017
Bis(2-ethylhexyl)phthalate	ND	0.98		mg/Kg-dry	1	8/13/2017
4-Bromophenyl phenyl ether	ND	0.20		mg/Kg-dry	1	8/13/2017
Butyl benzyl phthalate	ND	0.20		mg/Kg-dry	1	8/13/2017
Carbazole	ND	0.20		mg/Kg-dry	1	8/13/2017
4-Chloroaniline	ND	0.20		mg/Kg-dry	1	8/13/2017
4-Chloro-3-methylphenol	ND	0.39		mg/Kg-dry	1	8/13/2017
2-Chloronaphthalene	ND	0.20		mg/Kg-dry	1	8/13/2017
2-Chlorophenol	ND	0.20		mg/Kg-dry	1	8/13/2017
4-Chlorophenyl phenyl ether	ND	0.20		mg/Kg-dry	1	8/13/2017
Chrysene	ND	0.039		mg/Kg-dry	1	8/13/2017
Dibenz(a,h)anthracene	ND	0.039		mg/Kg-dry	1	8/13/2017
Dibenzofuran	ND	0.20		mg/Kg-dry	1	8/13/2017
1,2-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	8/13/2017
1,3-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	8/13/2017
1,4-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	8/13/2017
3,3'-Dichlorobenzidine	ND	0.20		mg/Kg-dry	1	8/13/2017
2,4-Dichlorophenol	ND	0.20		mg/Kg-dry	1	8/13/2017
Diethyl phthalate	ND	0.20		mg/Kg-dry	1	8/13/2017
2,4-Dimethylphenol	ND	0.20		mg/Kg-dry	1	8/13/2017
Dimethyl phthalate	ND	0.20		mg/Kg-dry	1	8/13/2017
4,6-Dinitro-2-methylphenol	ND	0.39		mg/Kg-dry	1	8/13/2017
2,4-Dinitrophenol	ND	0.98		mg/Kg-dry	1	8/13/2017
2,4-Dinitrotoluene	ND	0.039		mg/Kg-dry	1	8/13/2017
2,6-Dinitrotoluene	ND	0.039		mg/Kg-dry	1	8/13/2017

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

Report Date: August 17, 2017

Print Date: August 17, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-34-06 (0-7)

Work Order: 17080266 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL

Collection Date: 8/8/2017 12:40:00 PM

Lab ID: 17080266-044B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS						
	SW8270C (SW3550B)				Prep Date: 8/10/2017	Analyst: MEP
Di-n-butyl phthalate	ND	0.20		mg/Kg-dry	1	8/13/2017
Di-n-octyl phthalate	ND	0.20		mg/Kg-dry	1	8/13/2017
Fluoranthene	0.040	0.039		mg/Kg-dry	1	8/13/2017
Fluorene	ND	0.039		mg/Kg-dry	1	8/13/2017
Hexachlorobenzene	ND	0.20		mg/Kg-dry	1	8/13/2017
Hexachlorobutadiene	ND	0.20		mg/Kg-dry	1	8/13/2017
Hexachlorocyclopentadiene	ND	0.20		mg/Kg-dry	1	8/13/2017
Hexachloroethane	ND	0.20		mg/Kg-dry	1	8/13/2017
Indeno(1,2,3-cd)pyrene	ND	0.039		mg/Kg-dry	1	8/13/2017
Isophorone	ND	0.20		mg/Kg-dry	1	8/13/2017
2-Methylnaphthalene	ND	0.20		mg/Kg-dry	1	8/13/2017
2-Methylphenol	ND	0.20		mg/Kg-dry	1	8/13/2017
4-Methylphenol	ND	0.20		mg/Kg-dry	1	8/13/2017
Naphthalene	ND	0.039		mg/Kg-dry	1	8/13/2017
2-Nitroaniline	ND	0.20		mg/Kg-dry	1	8/13/2017
3-Nitroaniline	ND	0.20		mg/Kg-dry	1	8/13/2017
4-Nitroaniline	ND	0.20		mg/Kg-dry	1	8/13/2017
2-Nitrophenol	ND	0.20		mg/Kg-dry	1	8/13/2017
4-Nitrophenol	ND	0.39		mg/Kg-dry	1	8/13/2017
Nitrobenzene	ND	0.039		mg/Kg-dry	1	8/13/2017
N-Nitrosodi-n-propylamine	ND	0.039		mg/Kg-dry	1	8/13/2017
N-Nitrosodimethylamine	ND	0.20		mg/Kg-dry	1	8/13/2017
N-Nitrosodiphenylamine	ND	0.20		mg/Kg-dry	1	8/13/2017
2, 2'-oxybis(1-Chloropropane)	ND	0.20		mg/Kg-dry	1	8/13/2017
Pentachlorophenol	ND	0.079		mg/Kg-dry	1	8/13/2017
Phenanthrene	ND	0.039		mg/Kg-dry	1	8/13/2017
Phenol	ND	0.20		mg/Kg-dry	1	8/13/2017
Pyrene	0.048	0.039		mg/Kg-dry	1	8/13/2017
Pyridine	ND	0.79		mg/Kg-dry	1	8/13/2017
1,2,4-Trichlorobenzene	ND	0.20		mg/Kg-dry	1	8/13/2017
2,4,5-Trichlorophenol	ND	0.20		mg/Kg-dry	1	8/13/2017
2,4,6-Trichlorophenol	ND	0.20		mg/Kg-dry	1	8/13/2017
Metals by ICP/MS						
	SW6020 (SW3050B)				Prep Date: 8/9/2017	Analyst: JG
Aluminum	11000	22		mg/Kg-dry	10	8/13/2017
Antimony	ND	2.2		mg/Kg-dry	10	8/13/2017
Arsenic	9.3	1.1		mg/Kg-dry	10	8/13/2017
Barium	65	1.1		mg/Kg-dry	10	8/13/2017
Beryllium	0.58	0.54		mg/Kg-dry	10	8/13/2017

Qualifiers:

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Report Date: August 17, 2017

Print Date: August 17, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-34-06 (0-7)

Work Order: 17080266 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 8/8/2017 12:40:00 PM

Lab ID: 17080266-044B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed

Metals by ICP/MS

SW6020 (SW3050B)

Prep Date: 8/9/2017

Analyst: JG

Cadmium	ND	0.54		mg/Kg-dry	10	8/13/2017
Calcium	70000	65		mg/Kg-dry	10	8/13/2017
Chromium	20	1.1		mg/Kg-dry	10	8/13/2017
Cobalt	15	1.1		mg/Kg-dry	10	8/13/2017
Copper	24	2.7		mg/Kg-dry	10	8/13/2017
Iron	24000	32		mg/Kg-dry	10	8/13/2017
Lead	27	0.54		mg/Kg-dry	10	8/13/2017
Magnesium	37000	32		mg/Kg-dry	10	8/13/2017
Manganese	630	1.1		mg/Kg-dry	10	8/13/2017
Nickel	30	1.1		mg/Kg-dry	10	8/13/2017
Potassium	1900	32		mg/Kg-dry	10	8/13/2017
Selenium	ND	1.1		mg/Kg-dry	10	8/13/2017
Silver	ND	1.1		mg/Kg-dry	10	8/13/2017
Sodium	1300	65		mg/Kg-dry	10	8/13/2017
Thallium	ND	1.1		mg/Kg-dry	10	8/13/2017
Vanadium	24	1.1		mg/Kg-dry	10	8/13/2017
Zinc	140	5.4		mg/Kg-dry	10	8/13/2017

SPLP Metals by ICP/MS

SW1312/6020 (SW3005A)

Prep Date: 8/12/2017

Analyst: JG

Arsenic	ND	0.0040		mg/L	2	8/16/2017
Barium	ND	0.020		mg/L	2	8/16/2017
Beryllium	ND	0.0020		mg/L	2	8/16/2017
Cadmium	ND	0.0020		mg/L	2	8/16/2017
Chromium	ND	0.0040		mg/L	2	8/16/2017
Cobalt	ND	0.0040		mg/L	2	8/16/2017
Copper	ND	0.040		mg/L	2	8/16/2017
Iron	1.0	0.10		mg/L	2	8/16/2017
Lead	0.0037	0.0020		mg/L	2	8/16/2017
Manganese	0.041	0.0040		mg/L	2	8/16/2017
Nickel	ND	0.0040		mg/L	2	8/16/2017
Selenium	ND	0.0040		mg/L	2	8/16/2017
Silver	ND	0.0040		mg/L	2	8/16/2017
Zinc	ND	0.020		mg/L	2	8/16/2017

TCLP Metals by ICP/MS

SW1311/6020 (SW3005A)

Prep Date: 8/15/2017

Analyst: JG

Arsenic	ND	0.010		mg/L	5	8/16/2017
Barium	0.73	0.050		mg/L	5	8/16/2017
Beryllium	ND	0.0050		mg/L	5	8/16/2017
Cadmium	ND	0.0050		mg/L	5	8/16/2017

Qualifiers:

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Report Date: August 17, 2017

Print Date: August 17, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-34-06 (0-7)

Work Order: 17080266 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 8/8/2017 12:40:00 PM

Lab ID: 17080266-044B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
TCLP Metals by ICP/MS	SW1311/6020 (SW3005A)					Prep Date: 8/15/2017 Analyst: JG
Chromium	ND	0.010		mg/L	5	8/16/2017
Cobalt	0.019	0.010		mg/L	5	8/16/2017
Copper	ND	0.10		mg/L	5	8/16/2017
Iron	1.2	0.25		mg/L	5	8/16/2017
Lead	ND	0.0050		mg/L	5	8/16/2017
Manganese	11	0.010		mg/L	5	8/16/2017
Nickel	0.019	0.010		mg/L	5	8/16/2017
Selenium	ND	0.010		mg/L	5	8/16/2017
Silver	ND	0.010		mg/L	5	8/16/2017
Zinc	0.066	0.050		mg/L	5	8/16/2017
TCLP Mercury	SW1311/7470A					Prep Date: 8/15/2017 Analyst: LB
Mercury	ND	0.00020		mg/L	1	8/15/2017
SPLP Mercury	SW1312/7470A					Prep Date: 8/11/2017 Analyst: LB
Mercury	ND	0.00025		mg/L	1	8/14/2017
Mercury	SW7471A					Prep Date: 8/10/2017 Analyst: LB
Mercury	ND	0.021		mg/Kg-dry	1	8/10/2017
pH (25 °C)	SW9045C					Prep Date: 8/11/2017 Analyst: RW
pH	8.60			pH Units	1	8/11/2017
Percent Moisture	D2974					Prep Date: 8/10/2017 Analyst: KKA
Percent Moisture	15.6	0.2	*	wt%	1	8/11/2017

Qualifiers:

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Report Date: August 17, 2017

Print Date: August 17, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-34-06 (7-14)

Work Order: 17080266 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL

Collection Date: 8/8/2017 12:45:00 PM

Lab ID: 17080266-045A

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS		SW5035/8260B			Prep Date: 8/9/2017	Analyst: ERP
Acetone	ND	0.091		mg/Kg-dry	1	8/15/2017
Benzene	ND	0.0061		mg/Kg-dry	1	8/15/2017
Bromodichloromethane	ND	0.0061		mg/Kg-dry	1	8/15/2017
Bromoform	ND	0.0061		mg/Kg-dry	1	8/15/2017
Bromomethane	ND	0.012		mg/Kg-dry	1	8/15/2017
2-Butanone	ND	0.091		mg/Kg-dry	1	8/15/2017
Carbon disulfide	ND	0.061		mg/Kg-dry	1	8/15/2017
Carbon tetrachloride	ND	0.0061		mg/Kg-dry	1	8/15/2017
Chlorobenzene	ND	0.0061		mg/Kg-dry	1	8/15/2017
Chloroethane	ND	0.012		mg/Kg-dry	1	8/15/2017
Chloroform	ND	0.0061		mg/Kg-dry	1	8/15/2017
Chloromethane	ND	0.012		mg/Kg-dry	1	8/15/2017
Dibromochloromethane	ND	0.0061		mg/Kg-dry	1	8/15/2017
1,1-Dichloroethane	ND	0.0061		mg/Kg-dry	1	8/15/2017
1,2-Dichloroethane	ND	0.0061		mg/Kg-dry	1	8/15/2017
1,1-Dichloroethene	ND	0.0061		mg/Kg-dry	1	8/15/2017
cis-1,2-Dichloroethene	ND	0.0061		mg/Kg-dry	1	8/15/2017
trans-1,2-Dichloroethene	ND	0.0061		mg/Kg-dry	1	8/15/2017
1,2-Dichloropropane	ND	0.0061		mg/Kg-dry	1	8/15/2017
cis-1,3-Dichloropropene	ND	0.0024		mg/Kg-dry	1	8/15/2017
trans-1,3-Dichloropropene	ND	0.0024		mg/Kg-dry	1	8/15/2017
Ethylbenzene	ND	0.0061		mg/Kg-dry	1	8/15/2017
2-Hexanone	ND	0.024		mg/Kg-dry	1	8/15/2017
4-Methyl-2-pentanone	ND	0.024		mg/Kg-dry	1	8/15/2017
Methylene chloride	ND	0.012		mg/Kg-dry	1	8/15/2017
Methyl tert-butyl ether	ND	0.0061		mg/Kg-dry	1	8/15/2017
Styrene	ND	0.0061		mg/Kg-dry	1	8/15/2017
1,1,2,2-Tetrachloroethane	ND	0.0061		mg/Kg-dry	1	8/15/2017
Tetrachloroethene	ND	0.0061		mg/Kg-dry	1	8/15/2017
Toluene	ND	0.0061		mg/Kg-dry	1	8/15/2017
1,1,1-Trichloroethane	ND	0.0061		mg/Kg-dry	1	8/15/2017
1,1,2-Trichloroethane	ND	0.0061		mg/Kg-dry	1	8/15/2017
Trichloroethene	ND	0.0061		mg/Kg-dry	1	8/15/2017
Vinyl chloride	ND	0.0061		mg/Kg-dry	1	8/15/2017
Xylenes, Total	ND	0.018		mg/Kg-dry	1	8/15/2017

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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* - Non-accredited parameter

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E - Value above quantitation range

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Report Date: August 17, 2017

Print Date: August 17, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-34-06 (7-14)

Work Order: 17080266 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 8/8/2017 12:45:00 PM

Lab ID: 17080266-045B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS		SW8270C (SW3550B)		Prep Date: 8/10/2017		Analyst: MEP
Acenaphthene	ND	0.040		mg/Kg-dry	1	8/13/2017
Acenaphthylene	ND	0.040		mg/Kg-dry	1	8/13/2017
Aniline	ND	0.40		mg/Kg-dry	1	8/13/2017
Anthracene	ND	0.040		mg/Kg-dry	1	8/13/2017
Benz(a)anthracene	ND	0.040		mg/Kg-dry	1	8/13/2017
Benzidine	ND	0.40		mg/Kg-dry	1	8/13/2017
Benzo(a)pyrene	ND	0.040		mg/Kg-dry	1	8/13/2017
Benzo(b)fluoranthene	ND	0.040		mg/Kg-dry	1	8/13/2017
Benzo(g,h,i)perylene	ND	0.040		mg/Kg-dry	1	8/13/2017
Benzo(k)fluoranthene	ND	0.040		mg/Kg-dry	1	8/13/2017
Benzoic acid	ND	1.0		mg/Kg-dry	1	8/13/2017
Benzyl alcohol	ND	0.21		mg/Kg-dry	1	8/13/2017
Bis(2-chloroethoxy)methane	ND	0.21		mg/Kg-dry	1	8/13/2017
Bis(2-chloroethyl)ether	ND	0.21		mg/Kg-dry	1	8/13/2017
Bis(2-ethylhexyl)phthalate	ND	1.0		mg/Kg-dry	1	8/13/2017
4-Bromophenyl phenyl ether	ND	0.21		mg/Kg-dry	1	8/13/2017
Butyl benzyl phthalate	ND	0.21		mg/Kg-dry	1	8/13/2017
Carbazole	ND	0.21		mg/Kg-dry	1	8/13/2017
4-Chloroaniline	ND	0.21		mg/Kg-dry	1	8/13/2017
4-Chloro-3-methylphenol	ND	0.40		mg/Kg-dry	1	8/13/2017
2-Chloronaphthalene	ND	0.21		mg/Kg-dry	1	8/13/2017
2-Chlorophenol	ND	0.21		mg/Kg-dry	1	8/13/2017
4-Chlorophenyl phenyl ether	ND	0.21		mg/Kg-dry	1	8/13/2017
Chrysene	ND	0.040		mg/Kg-dry	1	8/13/2017
Dibenz(a,h)anthracene	ND	0.040		mg/Kg-dry	1	8/13/2017
Dibenzofuran	ND	0.21		mg/Kg-dry	1	8/13/2017
1,2-Dichlorobenzene	ND	0.21		mg/Kg-dry	1	8/13/2017
1,3-Dichlorobenzene	ND	0.21		mg/Kg-dry	1	8/13/2017
1,4-Dichlorobenzene	ND	0.21		mg/Kg-dry	1	8/13/2017
3,3'-Dichlorobenzidine	ND	0.21		mg/Kg-dry	1	8/13/2017
2,4-Dichlorophenol	ND	0.21		mg/Kg-dry	1	8/13/2017
Diethyl phthalate	ND	0.21		mg/Kg-dry	1	8/13/2017
2,4-Dimethylphenol	ND	0.21		mg/Kg-dry	1	8/13/2017
Dimethyl phthalate	ND	0.21		mg/Kg-dry	1	8/13/2017
4,6-Dinitro-2-methylphenol	ND	0.40		mg/Kg-dry	1	8/13/2017
2,4-Dinitrophenol	ND	1.0		mg/Kg-dry	1	8/13/2017
2,4-Dinitrotoluene	ND	0.040		mg/Kg-dry	1	8/13/2017
2,6-Dinitrotoluene	ND	0.040		mg/Kg-dry	1	8/13/2017

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

HT - Sample received past holding time

* - Non-accredited parameter

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E - Value above quantitation range

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STAT Analysis Corporation

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

Report Date: August 17, 2017

Print Date: August 17, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-34-06 (7-14)

Work Order: 17080266 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 8/8/2017 12:45:00 PM

Lab ID: 17080266-045B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS						
	SW8270C (SW3550B)					Prep Date: 8/10/2017 Analyst: MEP
Di-n-butyl phthalate	ND	0.21		mg/Kg-dry	1	8/13/2017
Di-n-octyl phthalate	ND	0.21		mg/Kg-dry	1	8/13/2017
Fluoranthene	ND	0.040		mg/Kg-dry	1	8/13/2017
Fluorene	ND	0.040		mg/Kg-dry	1	8/13/2017
Hexachlorobenzene	ND	0.21		mg/Kg-dry	1	8/13/2017
Hexachlorobutadiene	ND	0.21		mg/Kg-dry	1	8/13/2017
Hexachlorocyclopentadiene	ND	0.21		mg/Kg-dry	1	8/13/2017
Hexachloroethane	ND	0.21		mg/Kg-dry	1	8/13/2017
Indeno(1,2,3-cd)pyrene	ND	0.040		mg/Kg-dry	1	8/13/2017
Isophorone	ND	0.21		mg/Kg-dry	1	8/13/2017
2-Methylnaphthalene	ND	0.21		mg/Kg-dry	1	8/13/2017
2-Methylphenol	ND	0.21		mg/Kg-dry	1	8/13/2017
4-Methylphenol	ND	0.21		mg/Kg-dry	1	8/13/2017
Naphthalene	ND	0.040		mg/Kg-dry	1	8/13/2017
2-Nitroaniline	ND	0.21		mg/Kg-dry	1	8/13/2017
3-Nitroaniline	ND	0.21		mg/Kg-dry	1	8/13/2017
4-Nitroaniline	ND	0.21		mg/Kg-dry	1	8/13/2017
2-Nitrophenol	ND	0.21		mg/Kg-dry	1	8/13/2017
4-Nitrophenol	ND	0.40		mg/Kg-dry	1	8/13/2017
Nitrobenzene	ND	0.040		mg/Kg-dry	1	8/13/2017
N-Nitrosodi-n-propylamine	ND	0.040		mg/Kg-dry	1	8/13/2017
N-Nitrosodimethylamine	ND	0.21		mg/Kg-dry	1	8/13/2017
N-Nitrosodiphenylamine	ND	0.21		mg/Kg-dry	1	8/13/2017
2, 2'-oxybis(1-Chloropropane)	ND	0.21		mg/Kg-dry	1	8/13/2017
Pentachlorophenol	ND	0.081		mg/Kg-dry	1	8/13/2017
Phenanthrene	ND	0.040		mg/Kg-dry	1	8/13/2017
Phenol	ND	0.21		mg/Kg-dry	1	8/13/2017
Pyrene	ND	0.040		mg/Kg-dry	1	8/13/2017
Pyridine	ND	0.81		mg/Kg-dry	1	8/13/2017
1,2,4-Trichlorobenzene	ND	0.21		mg/Kg-dry	1	8/13/2017
2,4,5-Trichlorophenol	ND	0.21		mg/Kg-dry	1	8/13/2017
2,4,6-Trichlorophenol	ND	0.21		mg/Kg-dry	1	8/13/2017
Metals by ICP/MS						
	SW6020 (SW3050B)					Prep Date: 8/9/2017 Analyst: JG
Aluminum	14000	21		mg/Kg-dry	10	8/13/2017
Antimony	ND	2.1		mg/Kg-dry	10	8/13/2017
Arsenic	10	1.0		mg/Kg-dry	10	8/13/2017
Barium	94	1.0		mg/Kg-dry	10	8/13/2017
Beryllium	0.72	0.52		mg/Kg-dry	10	8/13/2017

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E - Value above quantitation range

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Report Date: August 17, 2017

Print Date: August 17, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-34-06 (7-14)

Work Order: 17080266 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 8/8/2017 12:45:00 PM

Lab ID: 17080266-045B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed

Metals by ICP/MS

SW6020 (SW3050B)

Prep Date: 8/9/2017

Analyst: JG

Cadmium	ND	0.52		mg/Kg-dry	10	8/13/2017
Calcium	37000	62		mg/Kg-dry	10	8/13/2017
Chromium	26	1.0		mg/Kg-dry	10	8/13/2017
Cobalt	14	1.0		mg/Kg-dry	10	8/13/2017
Copper	28	2.6		mg/Kg-dry	10	8/13/2017
Iron	26000	31		mg/Kg-dry	10	8/13/2017
Lead	21	0.52		mg/Kg-dry	10	8/13/2017
Magnesium	21000	31		mg/Kg-dry	10	8/13/2017
Manganese	860	1.0		mg/Kg-dry	10	8/13/2017
Nickel	33	1.0		mg/Kg-dry	10	8/13/2017
Potassium	1800	31		mg/Kg-dry	10	8/13/2017
Selenium	ND	1.0		mg/Kg-dry	10	8/13/2017
Silver	ND	1.0		mg/Kg-dry	10	8/13/2017
Sodium	130	62		mg/Kg-dry	10	8/13/2017
Thallium	ND	1.0		mg/Kg-dry	10	8/13/2017
Vanadium	30	1.0		mg/Kg-dry	10	8/13/2017
Zinc	80	5.2		mg/Kg-dry	10	8/13/2017

SPLP Metals by ICP/MS

SW1312/6020 (SW3005A)

Prep Date: 8/12/2017

Analyst: JG

Arsenic	0.0046	0.0040		mg/L	2	8/16/2017
Barium	ND	0.020		mg/L	2	8/16/2017
Beryllium	ND	0.0020		mg/L	2	8/16/2017
Cadmium	ND	0.0020		mg/L	2	8/16/2017
Chromium	ND	0.0040		mg/L	2	8/16/2017
Cobalt	ND	0.0040		mg/L	2	8/16/2017
Copper	ND	0.040		mg/L	2	8/16/2017
Iron	0.74	0.10		mg/L	2	8/16/2017
Lead	ND	0.0020		mg/L	2	8/16/2017
Manganese	0.029	0.0040		mg/L	2	8/16/2017
Nickel	ND	0.0040		mg/L	2	8/16/2017
Selenium	ND	0.0040		mg/L	2	8/16/2017
Silver	ND	0.0040		mg/L	2	8/16/2017
Zinc	ND	0.020		mg/L	2	8/16/2017

TCLP Metals by ICP/MS

SW1311/6020 (SW3005A)

Prep Date: 8/15/2017

Analyst: JG

Arsenic	ND	0.010		mg/L	5	8/16/2017
Barium	1.0	0.050		mg/L	5	8/16/2017
Beryllium	ND	0.0050		mg/L	5	8/16/2017
Cadmium	ND	0.0050		mg/L	5	8/16/2017

Qualifiers:

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Report Date: August 17, 2017

Print Date: August 17, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-34-06 (7-14)

Work Order: 17080266 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL

Collection Date: 8/8/2017 12:45:00 PM

Lab ID: 17080266-045B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
TCLP Metals by ICP/MS	SW1311/6020 (SW3005A)		Prep Date: 8/15/2017		Analyst: JG	
Chromium	ND	0.010		mg/L	5	8/16/2017
Cobalt	0.032	0.010		mg/L	5	8/16/2017
Copper	ND	0.10		mg/L	5	8/16/2017
Iron	1.2	0.25		mg/L	5	8/16/2017
Lead	ND	0.0050		mg/L	5	8/16/2017
Manganese	14	0.010		mg/L	5	8/16/2017
Nickel	0.028	0.010		mg/L	5	8/16/2017
Selenium	ND	0.010		mg/L	5	8/16/2017
Silver	ND	0.010		mg/L	5	8/16/2017
Zinc	0.080	0.050		mg/L	5	8/16/2017
TCLP Mercury	SW1311/7470A		Prep Date: 8/15/2017		Analyst: LB	
Mercury	ND	0.00020		mg/L	1	8/15/2017
SPLP Mercury	SW1312/7470A		Prep Date: 8/11/2017		Analyst: LB	
Mercury	ND	0.00025		mg/L	1	8/14/2017
Mercury	SW7471A		Prep Date: 8/10/2017		Analyst: LB	
Mercury	0.030	0.022		mg/Kg-dry	1	8/10/2017
pH (25 °C)	SW9045C		Prep Date: 8/11/2017		Analyst: RW	
pH	7.61			pH Units	1	8/11/2017
Percent Moisture	D2974		Prep Date: 8/10/2017		Analyst: KKA	
Percent Moisture	18.2	0.2	*	wt%	1	8/11/2017

Qualifiers:

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E - Value above quantitation range

H - Holding time exceeded

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Report Date: August 17, 2017

Print Date: August 17, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-34-07 (0-1)

Work Order: 17080266 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 8/8/2017 1:05:00 PM

Lab ID: 17080266-046A

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS		SW5035/8260B		Prep Date: 8/9/2017		Analyst: ERP
Acetone	ND	0.071		mg/Kg-dry	1	8/15/2017
Benzene	ND	0.0047		mg/Kg-dry	1	8/15/2017
Bromodichloromethane	ND	0.0047		mg/Kg-dry	1	8/15/2017
Bromoform	ND	0.0047		mg/Kg-dry	1	8/15/2017
Bromomethane	ND	0.0095		mg/Kg-dry	1	8/15/2017
2-Butanone	ND	0.071		mg/Kg-dry	1	8/15/2017
Carbon disulfide	ND	0.047		mg/Kg-dry	1	8/15/2017
Carbon tetrachloride	ND	0.0047		mg/Kg-dry	1	8/15/2017
Chlorobenzene	ND	0.0047		mg/Kg-dry	1	8/15/2017
Chloroethane	ND	0.0095		mg/Kg-dry	1	8/15/2017
Chloroform	ND	0.0047		mg/Kg-dry	1	8/15/2017
Chloromethane	ND	0.0095		mg/Kg-dry	1	8/15/2017
Dibromochloromethane	ND	0.0047		mg/Kg-dry	1	8/15/2017
1,1-Dichloroethane	ND	0.0047		mg/Kg-dry	1	8/15/2017
1,2-Dichloroethane	ND	0.0047		mg/Kg-dry	1	8/15/2017
1,1-Dichloroethene	ND	0.0047		mg/Kg-dry	1	8/15/2017
cis-1,2-Dichloroethene	ND	0.0047		mg/Kg-dry	1	8/15/2017
trans-1,2-Dichloroethene	ND	0.0047		mg/Kg-dry	1	8/15/2017
1,2-Dichloropropane	ND	0.0047		mg/Kg-dry	1	8/15/2017
cis-1,3-Dichloropropene	ND	0.0019		mg/Kg-dry	1	8/15/2017
trans-1,3-Dichloropropene	ND	0.0019		mg/Kg-dry	1	8/15/2017
Ethylbenzene	ND	0.0047		mg/Kg-dry	1	8/15/2017
2-Hexanone	ND	0.019		mg/Kg-dry	1	8/15/2017
4-Methyl-2-pentanone	ND	0.019		mg/Kg-dry	1	8/15/2017
Methylene chloride	ND	0.0095		mg/Kg-dry	1	8/15/2017
Methyl tert-butyl ether	ND	0.0047		mg/Kg-dry	1	8/15/2017
Styrene	ND	0.0047		mg/Kg-dry	1	8/15/2017
1,1,2,2-Tetrachloroethane	ND	0.0047		mg/Kg-dry	1	8/15/2017
Tetrachloroethene	ND	0.0047		mg/Kg-dry	1	8/15/2017
Toluene	ND	0.0047		mg/Kg-dry	1	8/15/2017
1,1,1-Trichloroethane	ND	0.0047		mg/Kg-dry	1	8/15/2017
1,1,2-Trichloroethane	ND	0.0047		mg/Kg-dry	1	8/15/2017
Trichloroethene	ND	0.0047		mg/Kg-dry	1	8/15/2017
Vinyl chloride	ND	0.0047		mg/Kg-dry	1	8/15/2017
Xylenes, Total	ND	0.014		mg/Kg-dry	1	8/15/2017

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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H - Holding time exceeded

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Report Date: August 17, 2017

Print Date: August 17, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-34-07 (0-1)

Work Order: 17080266 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 8/8/2017 1:05:00 PM

Lab ID: 17080266-046B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS		SW8270C (SW3550B)		Prep Date: 8/10/2017		Analyst: MEP
Acenaphthene	ND	0.038		mg/Kg-dry	1	8/13/2017
Acenaphthylene	ND	0.038		mg/Kg-dry	1	8/13/2017
Aniline	ND	0.39		mg/Kg-dry	1	8/13/2017
Anthracene	ND	0.038		mg/Kg-dry	1	8/13/2017
Benz(a)anthracene	ND	0.038		mg/Kg-dry	1	8/13/2017
Benzidine	ND	0.38		mg/Kg-dry	1	8/13/2017
Benzo(a)pyrene	ND	0.038		mg/Kg-dry	1	8/13/2017
Benzo(b)fluoranthene	ND	0.038		mg/Kg-dry	1	8/13/2017
Benzo(g,h,i)perylene	ND	0.038		mg/Kg-dry	1	8/13/2017
Benzo(k)fluoranthene	ND	0.038		mg/Kg-dry	1	8/13/2017
Benzoic acid	ND	0.96		mg/Kg-dry	1	8/13/2017
Benzyl alcohol	ND	0.20		mg/Kg-dry	1	8/13/2017
Bis(2-chloroethoxy)methane	ND	0.20		mg/Kg-dry	1	8/13/2017
Bis(2-chloroethyl)ether	ND	0.20		mg/Kg-dry	1	8/13/2017
Bis(2-ethylhexyl)phthalate	ND	0.96		mg/Kg-dry	1	8/13/2017
4-Bromophenyl phenyl ether	ND	0.20		mg/Kg-dry	1	8/13/2017
Butyl benzyl phthalate	ND	0.20		mg/Kg-dry	1	8/13/2017
Carbazole	ND	0.20		mg/Kg-dry	1	8/13/2017
4-Chloroaniline	ND	0.20		mg/Kg-dry	1	8/13/2017
4-Chloro-3-methylphenol	ND	0.38		mg/Kg-dry	1	8/13/2017
2-Chloronaphthalene	ND	0.20		mg/Kg-dry	1	8/13/2017
2-Chlorophenol	ND	0.20		mg/Kg-dry	1	8/13/2017
4-Chlorophenyl phenyl ether	ND	0.20		mg/Kg-dry	1	8/13/2017
Chrysene	ND	0.038		mg/Kg-dry	1	8/13/2017
Dibenz(a,h)anthracene	ND	0.038		mg/Kg-dry	1	8/13/2017
Dibenzofuran	ND	0.20		mg/Kg-dry	1	8/13/2017
1,2-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	8/13/2017
1,3-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	8/13/2017
1,4-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	8/13/2017
3,3'-Dichlorobenzidine	ND	0.20		mg/Kg-dry	1	8/13/2017
2,4-Dichlorophenol	ND	0.20		mg/Kg-dry	1	8/13/2017
Diethyl phthalate	ND	0.20		mg/Kg-dry	1	8/13/2017
2,4-Dimethylphenol	ND	0.20		mg/Kg-dry	1	8/13/2017
Dimethyl phthalate	ND	0.20		mg/Kg-dry	1	8/13/2017
4,6-Dinitro-2-methylphenol	ND	0.38		mg/Kg-dry	1	8/13/2017
2,4-Dinitrophenol	ND	0.96		mg/Kg-dry	1	8/13/2017
2,4-Dinitrotoluene	ND	0.038		mg/Kg-dry	1	8/13/2017
2,6-Dinitrotoluene	ND	0.038		mg/Kg-dry	1	8/13/2017

Qualifiers:

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S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

H - Holding time exceeded

STAT Analysis Corporation

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

Report Date: August 17, 2017

Print Date: August 17, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-34-07 (0-1)

Work Order: 17080266 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 8/8/2017 1:05:00 PM

Lab ID: 17080266-046B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS						
	SW8270C (SW3550B)					Prep Date: 8/10/2017 Analyst: MEP
Di-n-butyl phthalate	ND	0.20		mg/Kg-dry	1	8/13/2017
Di-n-octyl phthalate	ND	0.20		mg/Kg-dry	1	8/13/2017
Fluoranthene	ND	0.038		mg/Kg-dry	1	8/13/2017
Fluorene	ND	0.038		mg/Kg-dry	1	8/13/2017
Hexachlorobenzene	ND	0.20		mg/Kg-dry	1	8/13/2017
Hexachlorobutadiene	ND	0.20		mg/Kg-dry	1	8/13/2017
Hexachlorocyclopentadiene	ND	0.20		mg/Kg-dry	1	8/13/2017
Hexachloroethane	ND	0.20		mg/Kg-dry	1	8/13/2017
Indeno(1,2,3-cd)pyrene	ND	0.038		mg/Kg-dry	1	8/13/2017
Isophorone	ND	0.20		mg/Kg-dry	1	8/13/2017
2-Methylnaphthalene	ND	0.20		mg/Kg-dry	1	8/13/2017
2-Methylphenol	ND	0.20		mg/Kg-dry	1	8/13/2017
4-Methylphenol	ND	0.20		mg/Kg-dry	1	8/13/2017
Naphthalene	ND	0.038		mg/Kg-dry	1	8/13/2017
2-Nitroaniline	ND	0.20		mg/Kg-dry	1	8/13/2017
3-Nitroaniline	ND	0.20		mg/Kg-dry	1	8/13/2017
4-Nitroaniline	ND	0.20		mg/Kg-dry	1	8/13/2017
2-Nitrophenol	ND	0.20		mg/Kg-dry	1	8/13/2017
4-Nitrophenol	ND	0.38		mg/Kg-dry	1	8/13/2017
Nitrobenzene	ND	0.038		mg/Kg-dry	1	8/13/2017
N-Nitrosodi-n-propylamine	ND	0.038		mg/Kg-dry	1	8/13/2017
N-Nitrosodimethylamine	ND	0.20		mg/Kg-dry	1	8/13/2017
N-Nitrosodiphenylamine	ND	0.20		mg/Kg-dry	1	8/13/2017
2, 2'-oxybis(1-Chloropropane)	ND	0.20		mg/Kg-dry	1	8/13/2017
Pentachlorophenol	ND	0.078		mg/Kg-dry	1	8/13/2017
Phenanthrene	ND	0.038		mg/Kg-dry	1	8/13/2017
Phenol	ND	0.20		mg/Kg-dry	1	8/13/2017
Pyrene	ND	0.038		mg/Kg-dry	1	8/13/2017
Pyridine	ND	0.78		mg/Kg-dry	1	8/13/2017
1,2,4-Trichlorobenzene	ND	0.20		mg/Kg-dry	1	8/13/2017
2,4,5-Trichlorophenol	ND	0.20		mg/Kg-dry	1	8/13/2017
2,4,6-Trichlorophenol	ND	0.20		mg/Kg-dry	1	8/13/2017
Metals by ICP/MS						
	SW6020 (SW3050B)					Prep Date: 8/9/2017 Analyst: JG
Aluminum	13000	20		mg/Kg-dry	10	8/13/2017
Antimony	ND	2.0		mg/Kg-dry	10	8/13/2017
Arsenic	9.0	0.98		mg/Kg-dry	10	8/13/2017
Barium	85	0.98		mg/Kg-dry	10	8/13/2017
Beryllium	0.70	0.49		mg/Kg-dry	10	8/13/2017

Qualifiers:

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Report Date: August 17, 2017

Print Date: August 17, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-34-07 (0-1)

Work Order: 17080266 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 8/8/2017 1:05:00 PM

Lab ID: 17080266-046B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed

Metals by ICP/MS

SW6020 (SW3050B)

Prep Date: 8/9/2017

Analyst: JG

Cadmium	ND	0.49		mg/Kg-dry	10	8/13/2017
Calcium	54000	59		mg/Kg-dry	10	8/13/2017
Chromium	21	0.98		mg/Kg-dry	10	8/13/2017
Cobalt	11	0.98		mg/Kg-dry	10	8/13/2017
Copper	27	2.5		mg/Kg-dry	10	8/13/2017
Iron	24000	29		mg/Kg-dry	10	8/13/2017
Lead	20	0.49		mg/Kg-dry	10	8/13/2017
Magnesium	29000	29		mg/Kg-dry	10	8/13/2017
Manganese	600	0.98		mg/Kg-dry	10	8/13/2017
Nickel	29	0.98		mg/Kg-dry	10	8/13/2017
Potassium	1600	29		mg/Kg-dry	10	8/13/2017
Selenium	ND	0.98		mg/Kg-dry	10	8/13/2017
Silver	ND	0.98		mg/Kg-dry	10	8/13/2017
Sodium	1600	59		mg/Kg-dry	10	8/13/2017
Thallium	ND	0.98		mg/Kg-dry	10	8/13/2017
Vanadium	28	0.98		mg/Kg-dry	10	8/13/2017
Zinc	69	4.9		mg/Kg-dry	10	8/13/2017

SPLP Metals by ICP/MS

SW1312/6020 (SW3005A)

Prep Date: 8/12/2017

Analyst: JG

Arsenic	ND	0.0040		mg/L	2	8/16/2017
Barium	ND	0.020		mg/L	2	8/16/2017
Beryllium	ND	0.0020		mg/L	2	8/16/2017
Cadmium	ND	0.0020		mg/L	2	8/16/2017
Chromium	ND	0.0040		mg/L	2	8/16/2017
Cobalt	ND	0.0040		mg/L	2	8/16/2017
Copper	ND	0.040		mg/L	2	8/16/2017
Iron	2.8	0.10		mg/L	2	8/16/2017
Lead	0.0031	0.0020		mg/L	2	8/16/2017
Manganese	0.022	0.0040		mg/L	2	8/16/2017
Nickel	ND	0.0040		mg/L	2	8/16/2017
Selenium	ND	0.0040		mg/L	2	8/16/2017
Silver	ND	0.0040		mg/L	2	8/16/2017
Zinc	ND	0.020		mg/L	2	8/16/2017

TCLP Metals by ICP/MS

SW1311/6020 (SW3005A)

Prep Date: 8/15/2017

Analyst: JG

Arsenic	ND	0.010		mg/L	5	8/16/2017
Barium	0.63	0.050		mg/L	5	8/16/2017
Beryllium	ND	0.0050		mg/L	5	8/16/2017
Cadmium	ND	0.0050		mg/L	5	8/16/2017

Qualifiers:

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Report Date: August 17, 2017

Print Date: August 17, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-34-07 (0-1)

Work Order: 17080266 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL

Collection Date: 8/8/2017 1:05:00 PM

Lab ID: 17080266-046B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
TCLP Metals by ICP/MS	SW1311/6020 (SW3005A)					Prep Date: 8/15/2017 Analyst: JG
Chromium	ND	0.010		mg/L	5	8/16/2017
Cobalt	ND	0.010		mg/L	5	8/16/2017
Copper	ND	0.10		mg/L	5	8/16/2017
Iron	1.5	0.25		mg/L	5	8/16/2017
Lead	ND	0.0050		mg/L	5	8/16/2017
Manganese	1.5	0.010		mg/L	5	8/16/2017
Nickel	0.017	0.010		mg/L	5	8/16/2017
Selenium	ND	0.010		mg/L	5	8/16/2017
Silver	ND	0.010		mg/L	5	8/16/2017
Zinc	0.059	0.050		mg/L	5	8/16/2017
TCLP Mercury	SW1311/7470A					Prep Date: 8/15/2017 Analyst: LB
Mercury	ND	0.00020		mg/L	1	8/15/2017
SPLP Mercury	SW1312/7470A					Prep Date: 8/11/2017 Analyst: LB
Mercury	ND	0.00025		mg/L	1	8/14/2017
Mercury	SW7471A					Prep Date: 8/10/2017 Analyst: LB
Mercury	0.031	0.021		mg/Kg-dry	1	8/10/2017
pH (25 °C)	SW9045C					Prep Date: 8/11/2017 Analyst: RW
pH	8.84			pH Units	1	8/11/2017
Percent Moisture	D2974					Prep Date: 8/10/2017 Analyst: KKA
Percent Moisture	14.1	0.2	*	wt%	1	8/11/2017

Qualifiers:

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E - Value above quantitation range

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

Report Date: August 17, 2017

Print Date: August 17, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-43-09 (0-1)

Work Order: 17080266 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 8/8/2017 11:55:00 AM

Lab ID: 17080266-050A

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS		SW5035/8260B		Prep Date: 8/9/2017		Analyst: ERP
Acetone	ND	0.074		mg/Kg-dry	1	8/15/2017
Benzene	ND	0.0049		mg/Kg-dry	1	8/15/2017
Bromodichloromethane	ND	0.0049		mg/Kg-dry	1	8/15/2017
Bromoform	ND	0.0049		mg/Kg-dry	1	8/15/2017
Bromomethane	ND	0.0099		mg/Kg-dry	1	8/15/2017
2-Butanone	ND	0.074		mg/Kg-dry	1	8/15/2017
Carbon disulfide	ND	0.049		mg/Kg-dry	1	8/15/2017
Carbon tetrachloride	ND	0.0049		mg/Kg-dry	1	8/15/2017
Chlorobenzene	ND	0.0049		mg/Kg-dry	1	8/15/2017
Chloroethane	ND	0.0099		mg/Kg-dry	1	8/15/2017
Chloroform	ND	0.0049		mg/Kg-dry	1	8/15/2017
Chloromethane	ND	0.0099		mg/Kg-dry	1	8/15/2017
Dibromochloromethane	ND	0.0049		mg/Kg-dry	1	8/15/2017
1,1-Dichloroethane	ND	0.0049		mg/Kg-dry	1	8/15/2017
1,2-Dichloroethane	ND	0.0049		mg/Kg-dry	1	8/15/2017
1,1-Dichloroethene	ND	0.0049		mg/Kg-dry	1	8/15/2017
cis-1,2-Dichloroethene	ND	0.0049		mg/Kg-dry	1	8/15/2017
trans-1,2-Dichloroethene	ND	0.0049		mg/Kg-dry	1	8/15/2017
1,2-Dichloropropane	ND	0.0049		mg/Kg-dry	1	8/15/2017
cis-1,3-Dichloropropene	ND	0.0020		mg/Kg-dry	1	8/15/2017
trans-1,3-Dichloropropene	ND	0.0020		mg/Kg-dry	1	8/15/2017
Ethylbenzene	ND	0.0049		mg/Kg-dry	1	8/15/2017
2-Hexanone	ND	0.020		mg/Kg-dry	1	8/15/2017
4-Methyl-2-pentanone	ND	0.020		mg/Kg-dry	1	8/15/2017
Methylene chloride	ND	0.0099		mg/Kg-dry	1	8/15/2017
Methyl tert-butyl ether	ND	0.0049		mg/Kg-dry	1	8/15/2017
Styrene	ND	0.0049		mg/Kg-dry	1	8/15/2017
1,1,2,2-Tetrachloroethane	ND	0.0049		mg/Kg-dry	1	8/15/2017
Tetrachloroethene	ND	0.0049		mg/Kg-dry	1	8/15/2017
Toluene	ND	0.0049		mg/Kg-dry	1	8/15/2017
1,1,1-Trichloroethane	ND	0.0049		mg/Kg-dry	1	8/15/2017
1,1,2-Trichloroethane	ND	0.0049		mg/Kg-dry	1	8/15/2017
Trichloroethene	ND	0.0049		mg/Kg-dry	1	8/15/2017
Vinyl chloride	ND	0.0049		mg/Kg-dry	1	8/15/2017
Xylenes, Total	ND	0.015		mg/Kg-dry	1	8/15/2017

Qualifiers:

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Report Date: August 17, 2017

Print Date: August 17, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-43-09 (0-1)

Work Order: 17080266 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL

Collection Date: 8/8/2017 11:55:00 AM

Lab ID: 17080266-050B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed

Semivolatile Organic Compounds by GC/MS	SW8270C (SW3550B)				Prep Date: 8/10/2017	Analyst: DM

Acenaphthene	ND	0.038		mg/Kg-dry	1	8/15/2017
Acenaphthylene	ND	0.038		mg/Kg-dry	1	8/15/2017
Aniline	ND	0.38		mg/Kg-dry	1	8/15/2017
Anthracene	ND	0.038		mg/Kg-dry	1	8/15/2017
Benz(a)anthracene	0.039	0.038		mg/Kg-dry	1	8/15/2017
Benidine	ND	0.38		mg/Kg-dry	1	8/15/2017
Benzo(a)pyrene	0.038	0.038		mg/Kg-dry	1	8/15/2017
Benzo(b)fluoranthene	ND	0.038		mg/Kg-dry	1	8/15/2017
Benzo(g,h,i)perylene	ND	0.038		mg/Kg-dry	1	8/15/2017
Benzo(k)fluoranthene	ND	0.038		mg/Kg-dry	1	8/15/2017
Benzoic acid	ND	0.95		mg/Kg-dry	1	8/15/2017
Benzyl alcohol	ND	0.20		mg/Kg-dry	1	8/15/2017
Bis(2-chloroethoxy)methane	ND	0.20		mg/Kg-dry	1	8/15/2017
Bis(2-chloroethyl)ether	ND	0.20		mg/Kg-dry	1	8/15/2017
Bis(2-ethylhexyl)phthalate	ND	0.95		mg/Kg-dry	1	8/15/2017
4-Bromophenyl phenyl ether	ND	0.20		mg/Kg-dry	1	8/15/2017
Butyl benzyl phthalate	ND	0.20		mg/Kg-dry	1	8/15/2017
Carbazole	ND	0.20		mg/Kg-dry	1	8/15/2017
4-Chloroaniline	ND	0.20		mg/Kg-dry	1	8/15/2017
4-Chloro-3-methylphenol	ND	0.38		mg/Kg-dry	1	8/15/2017
2-Chloronaphthalene	ND	0.20		mg/Kg-dry	1	8/15/2017
2-Chlorophenol	ND	0.20		mg/Kg-dry	1	8/15/2017
4-Chlorophenyl phenyl ether	ND	0.20		mg/Kg-dry	1	8/15/2017
Chrysene	0.049	0.038		mg/Kg-dry	1	8/15/2017
Dibenz(a,h)anthracene	ND	0.038		mg/Kg-dry	1	8/15/2017
Dibenzofuran	ND	0.20		mg/Kg-dry	1	8/15/2017
1,2-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	8/15/2017
1,3-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	8/15/2017
1,4-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	8/15/2017
3,3'-Dichlorobenzidine	ND	0.20		mg/Kg-dry	1	8/15/2017
2,4-Dichlorophenol	ND	0.20		mg/Kg-dry	1	8/15/2017
Diethyl phthalate	ND	0.20		mg/Kg-dry	1	8/15/2017
2,4-Dimethylphenol	ND	0.20		mg/Kg-dry	1	8/15/2017
Dimethyl phthalate	ND	0.20		mg/Kg-dry	1	8/15/2017
4,6-Dinitro-2-methylphenol	ND	0.38		mg/Kg-dry	1	8/15/2017
2,4-Dinitrophenol	ND	0.95		mg/Kg-dry	1	8/15/2017
2,4-Dinitrotoluene	ND	0.038		mg/Kg-dry	1	8/15/2017
2,6-Dinitrotoluene	ND	0.038		mg/Kg-dry	1	8/15/2017

Qualifiers:

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Report Date: August 17, 2017

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ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-43-09 (0-1)

Work Order: 17080266 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 8/8/2017 11:55:00 AM

Lab ID: 17080266-050B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed

Semivolatile Organic Compounds by GC/MS SW8270C (SW3550B) Prep Date: 8/10/2017 Analyst: DM

Di-n-butyl phthalate	ND	0.20		mg/Kg-dry	1	8/15/2017
Di-n-octyl phthalate	ND	0.20		mg/Kg-dry	1	8/15/2017
Fluoranthene	0.089	0.038		mg/Kg-dry	1	8/15/2017
Fluorene	ND	0.038		mg/Kg-dry	1	8/15/2017
Hexachlorobenzene	ND	0.20		mg/Kg-dry	1	8/15/2017
Hexachlorobutadiene	ND	0.20		mg/Kg-dry	1	8/15/2017
Hexachlorocyclopentadiene	ND	0.20		mg/Kg-dry	1	8/15/2017
Hexachloroethane	ND	0.20		mg/Kg-dry	1	8/15/2017
Indeno(1,2,3-cd)pyrene	ND	0.038		mg/Kg-dry	1	8/15/2017
Isophorone	ND	0.20		mg/Kg-dry	1	8/15/2017
2-Methylnaphthalene	ND	0.20		mg/Kg-dry	1	8/15/2017
2-Methylphenol	ND	0.20		mg/Kg-dry	1	8/15/2017
4-Methylphenol	ND	0.20		mg/Kg-dry	1	8/15/2017
Naphthalene	ND	0.038		mg/Kg-dry	1	8/15/2017
2-Nitroaniline	ND	0.20		mg/Kg-dry	1	8/15/2017
3-Nitroaniline	ND	0.20		mg/Kg-dry	1	8/15/2017
4-Nitroaniline	ND	0.20		mg/Kg-dry	1	8/15/2017
2-Nitrophenol	ND	0.20		mg/Kg-dry	1	8/15/2017
4-Nitrophenol	ND	0.38		mg/Kg-dry	1	8/15/2017
Nitrobenzene	ND	0.038		mg/Kg-dry	1	8/15/2017
N-Nitrosodi-n-propylamine	ND	0.038		mg/Kg-dry	1	8/15/2017
N-Nitrosodimethylamine	ND	0.20		mg/Kg-dry	1	8/15/2017
N-Nitrosodiphenylamine	ND	0.20		mg/Kg-dry	1	8/15/2017
2, 2'-oxybis(1-Chloropropane)	ND	0.20		mg/Kg-dry	1	8/15/2017
Pentachlorophenol	ND	0.077		mg/Kg-dry	1	8/15/2017
Phenanthrene	0.048	0.038		mg/Kg-dry	1	8/15/2017
Phenol	ND	0.20		mg/Kg-dry	1	8/15/2017
Pyrene	0.068	0.038		mg/Kg-dry	1	8/15/2017
Pyridine	ND	0.77		mg/Kg-dry	1	8/15/2017
1,2,4-Trichlorobenzene	ND	0.20		mg/Kg-dry	1	8/15/2017
2,4,5-Trichlorophenol	ND	0.20		mg/Kg-dry	1	8/15/2017
2,4,6-Trichlorophenol	ND	0.20		mg/Kg-dry	1	8/15/2017

Metals by ICP/MS SW6020 (SW3050B) Prep Date: 8/9/2017 Analyst: JG

Aluminum	10000	20		mg/Kg-dry	10	8/13/2017
Antimony	ND	2.0		mg/Kg-dry	10	8/13/2017
Arsenic	8.2	0.98		mg/Kg-dry	10	8/13/2017
Barium	76	0.98		mg/Kg-dry	10	8/13/2017
Beryllium	0.52	0.49		mg/Kg-dry	10	8/13/2017

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

Report Date: August 17, 2017

Print Date: August 17, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-43-09 (0-1)

Work Order: 17080266 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 8/8/2017 11:55:00 AM

Lab ID: 17080266-050B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed

Metals by ICP/MS

SW6020 (SW3050B)

Prep Date: 8/9/2017

Analyst: JG

Cadmium	ND	0.49		mg/Kg-dry	10	8/13/2017
Calcium	39000	59		mg/Kg-dry	10	8/13/2017
Chromium	18	0.98		mg/Kg-dry	10	8/13/2017
Cobalt	9.5	0.98		mg/Kg-dry	10	8/13/2017
Copper	22	2.4		mg/Kg-dry	10	8/13/2017
Iron	21000	29		mg/Kg-dry	10	8/13/2017
Lead	24	0.49		mg/Kg-dry	10	8/13/2017
Magnesium	24000	29		mg/Kg-dry	10	8/13/2017
Manganese	430	0.98		mg/Kg-dry	10	8/13/2017
Nickel	22	0.98		mg/Kg-dry	10	8/13/2017
Potassium	1400	29		mg/Kg-dry	10	8/13/2017
Selenium	ND	0.98		mg/Kg-dry	10	8/13/2017
Silver	ND	0.98		mg/Kg-dry	10	8/13/2017
Sodium	1500	59		mg/Kg-dry	10	8/13/2017
Thallium	ND	0.98		mg/Kg-dry	10	8/13/2017
Vanadium	26	0.98		mg/Kg-dry	10	8/13/2017
Zinc	65	4.9		mg/Kg-dry	10	8/13/2017

SPLP Metals by ICP/MS

SW1312/6020 (SW3005A)

Prep Date: 8/12/2017

Analyst: JG

Arsenic	ND	0.0040		mg/L	2	8/16/2017
Barium	ND	0.020		mg/L	2	8/16/2017
Beryllium	ND	0.0020		mg/L	2	8/16/2017
Cadmium	ND	0.0020		mg/L	2	8/16/2017
Chromium	ND	0.0040		mg/L	2	8/16/2017
Cobalt	ND	0.0040		mg/L	2	8/16/2017
Copper	ND	0.040		mg/L	2	8/16/2017
Iron	1.1	0.10		mg/L	2	8/16/2017
Lead	0.0051	0.0020		mg/L	2	8/16/2017
Manganese	0.048	0.0040		mg/L	2	8/16/2017
Nickel	ND	0.0040		mg/L	2	8/16/2017
Selenium	ND	0.0040		mg/L	2	8/16/2017
Silver	ND	0.0040		mg/L	2	8/16/2017
Zinc	ND	0.020		mg/L	2	8/16/2017

TCLP Metals by ICP/MS

SW1311/6020 (SW3005A)

Prep Date: 8/15/2017

Analyst: JG

Arsenic	ND	0.010		mg/L	5	8/16/2017
Barium	0.51	0.050		mg/L	5	8/16/2017
Beryllium	ND	0.0050		mg/L	5	8/16/2017
Cadmium	ND	0.0050		mg/L	5	8/16/2017

Qualifiers:

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E - Value above quantitation range

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Report Date: August 17, 2017

Print Date: August 17, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-43-09 (0-1)

Work Order: 17080266 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 8/8/2017 11:55:00 AM

Lab ID: 17080266-050B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
TCLP Metals by ICP/MS	SW1311/6020 (SW3005A)		Prep Date: 8/15/2017		Analyst: JG	
Chromium	ND	0.010		mg/L	5	8/16/2017
Cobalt	ND	0.010		mg/L	5	8/16/2017
Copper	ND	0.10		mg/L	5	8/16/2017
Iron	ND	0.25		mg/L	5	8/16/2017
Lead	ND	0.0050		mg/L	5	8/16/2017
Manganese	0.14	0.010		mg/L	5	8/16/2017
Nickel	ND	0.010		mg/L	5	8/16/2017
Selenium	ND	0.010		mg/L	5	8/16/2017
Silver	ND	0.010		mg/L	5	8/16/2017
Zinc	ND	0.050		mg/L	5	8/16/2017
TCLP Mercury	SW1311/7470A		Prep Date: 8/15/2017		Analyst: LB	
Mercury	ND	0.00020		mg/L	1	8/15/2017
SPLP Mercury	SW1312/7470A		Prep Date: 8/11/2017		Analyst: LB	
Mercury	ND	0.00025		mg/L	1	8/14/2017
Mercury	SW7471A		Prep Date: 8/10/2017		Analyst: LB	
Mercury	0.036	0.023		mg/Kg-dry	1	8/10/2017
pH (25 °C)	SW9045C		Prep Date: 8/11/2017		Analyst: RW	
pH	8.73			pH Units	1	8/11/2017
Percent Moisture	D2974		Prep Date: 8/10/2017		Analyst: KKA	
Percent Moisture	13.8	0.2	*	wt%	1	8/11/2017

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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H - Holding time exceeded



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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: FAP 345 / US Route 20 at IL Route 59 Office Phone Number, if available: _____

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

2531V-41 (9N100 Block IL59) and 2531V-43 (1200 Block Sutton)

City: Bartlett/Streamwood State: IL Zip Code: 60103

County: Cook Township: T41N / Hanover

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

Latitude: 42.008291 Longitude: -88.203318

(Decimal Degrees)

(-Decimal Degrees)

Identify how the lat/long data were determined:

☐ GPS ☐ Map Interpolation ☐ Photo Interpolation ☐ Survey ☒ Other

ISGS Public Land Survey System - Approximate Center of multiple addresses

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

II. Owner/Operator Information for Source Site

Site Owner

Name: Illinois Dept. of Transportation, District 1

Street Address: 201 W Center Court

PO Box: _____

City: Schaumburg State: IL

Zip Code: 60196 Phone: 847-705-4101

Contact: Sam Mead

Email, if available: Sam.Mead@illinois.gov

Site Operator

Name: Illinois Dept. of Transportation, District 1

Street Address: 201 W Center Court

PO Box: _____

City: Schaumburg State: IL

Zip Code: 60196 Phone: 847-705-4101

Contact: Sam Mead

Email, if available: Sam.Mead@illinois.gov

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: FAP 345 / US Route 20 at IL Route 59Latitude: 42.008291 Longitude: -88.203318Uncontaminated Site 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):

Refer to Figure 4-1.10 in the Final PSI Report and boring locations 2531V-41-01 and 2531V-41-02 (Ramp C Sta 112+50 to Sta 115+50) and 2531V-43-10 (Ramp D Sta 152+00 to Sta 155+00).

- 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]:

Refer to Tables 4-2 and 4-3 in the Final PSI Report for results summary and STAT Laboratory Report #1780286 Rev 0. Site specific table of results is attached to this form.

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

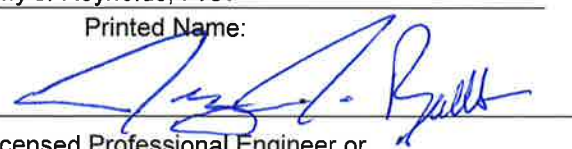
I, Jeremy J. Reynolds, P.G. (name of licensed professional engineer or geologist) certify under penalty of law that the information submitted, including but not limited to, all attachments and other information, is to the best of my knowledge and belief, true, accurate and complete. In accordance with 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: Huff & Huff, Inc. / GZA GeoEnvironmental, Inc.Street Address: 915 Harger Road, Suite 330City: Oak Brook State: IL Zip Code: 60523Phone: 630-684-9100

Jeremy J. Reynolds, P.G.

Printed Name:


 Licensed Professional Engineer or
 Licensed Professional Geologist Signature:

Date:

8/24/17

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

LPC-663 Results Table for Sites 2531V-41-01, 41-02, and 43-10
Soils for Unrestricted Reuse or Disposal Including CCDD/USFO Facilities

Boring ID	2531V-41-01	2531V-41-02	2531V-43-10	Soil Reference Concentrations ^{a/}
Sample Depth, ft	0-1	0-1	0-1	
Sample Date	8/7/17	8/7/17	8/7/17	
Excavation Area(s) [ISGS Site No.(s)]	2531V-41	2531V-41	2531V-43	
Parameter				
Laboratory soil pH (s.u.)	8.56	8.48	8.71	<6.25, >9.0
VOCs (mg/kg)	NO EXCEEDANCES			
SVOCs, mg/kg				
benzo(a)anthracene	< 0.038	< 0.039	< 0.039	0.9 / 1.1 / 1.8
Benzo(a)pyrene	< 0.038	< 0.039	< 0.039	0.09 / 1.3 / 2.1
Benzo(b)fluoranthene	< 0.038	< 0.039	< 0.039	0.9 / 1.5 / 2.1
Dibenz(a,h)anthracene	< 0.038	< 0.039	< 0.039	0.09 / 0.2 / 0.42
Total Metals, mg/kg				
Arsenic	9.1	5.2	7.9	11.3 / 13
Chromium	18	21	18	21
Cobalt	11	11	11	20
Iron	23000	22000	22000	15,000 / 15,900
Lead	16	49	23	107
Manganese	620	370	640	630 / 636
TCLP Metals, mg/L				
Cadmium	< 0.0050	< 0.0050	< 0.0050	0.005
Iron	< 0.25	< 0.25	< 0.25	5
Lead	< 0.0050	< 0.0050	< 0.0050	0.0075
Manganese	8.2	0.11	0.72	0.15
Nickel	0.064	0.014	< 0.010	0.1
Zinc	< 0.050	< 0.050	< 0.050	5
SPLP Metals, mg/L				
Iron	9.1	15	32	5
Lead	0.0067	0.015	0.019	0.0075
Manganese	0.053	0.17	0.15	0.15

--- - Refers to not applicable or value not available

Note: only samples and parameters with exceedances impacting construction activities are presented on this Figure; see Tables C-1 and C-2 in Appendix C for comprehensive analytical report tables of all samples and constituents analyzed.

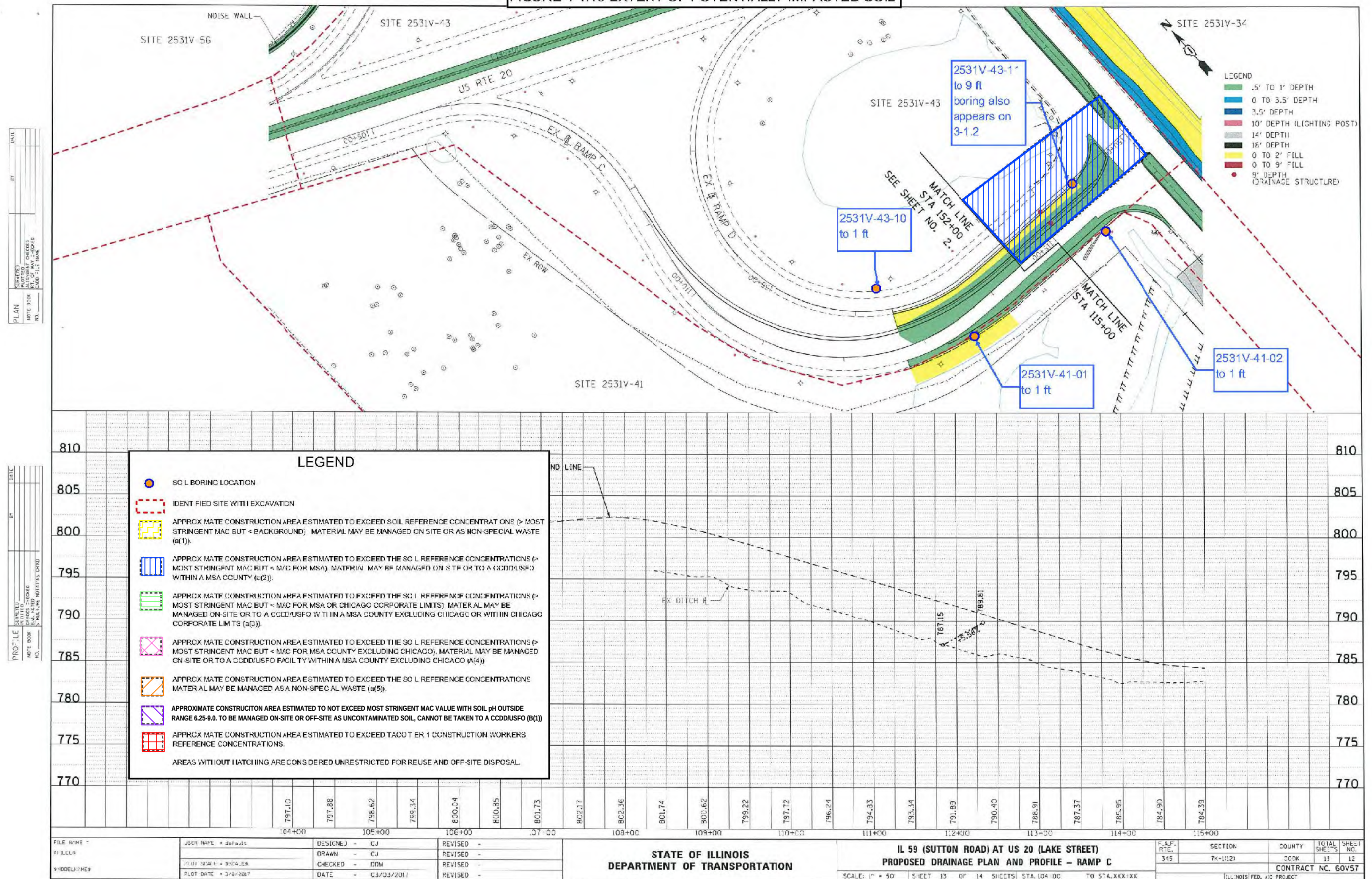
Organic Soil Reference Concentrations (XX.XX / XX.XX / XX.XX) Include the Most Stringent Values from the MAC Table / The Chicago Corporate Limit / and The MSA County Excluding Chicago Values From the MAC Table

Inorganic Soil Reference Concentrations (xx.xx / xx.xx) Include the Most Stringent values from the MAC Table / and the MSA County Value From the MAC Table as Applicable

a/ Soil reference concentrations from MAC table. Background values for MSA counties are included as applicable.

 Shaded values indicate concentration exceeds reference concentration

FIGURE 4-1.10 EXTENT OF POTENTIALLY IMPACTED SOIL



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Report Date: August 18, 2017

Print Date: August 18, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-41-01 (0-1)

Work Order: 17080286 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 8/7/2017 1:15:00 PM

Lab ID: 17080286-018A

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS		SW5035/8260B			Prep Date: 8/9/2017	Analyst: ERP
Acetone	ND	0.070		mg/Kg-dry	1	8/15/2017
Benzene	ND	0.0047		mg/Kg-dry	1	8/15/2017
Bromodichloromethane	ND	0.0047		mg/Kg-dry	1	8/15/2017
Bromoform	ND	0.0047		mg/Kg-dry	1	8/15/2017
Bromomethane	ND	0.0093		mg/Kg-dry	1	8/15/2017
2-Butanone	ND	0.070		mg/Kg-dry	1	8/15/2017
Carbon disulfide	ND	0.047		mg/Kg-dry	1	8/15/2017
Carbon tetrachloride	ND	0.0047		mg/Kg-dry	1	8/15/2017
Chlorobenzene	ND	0.0047		mg/Kg-dry	1	8/15/2017
Chloroethane	ND	0.0093		mg/Kg-dry	1	8/15/2017
Chloroform	ND	0.0047		mg/Kg-dry	1	8/15/2017
Chloromethane	ND	0.0093		mg/Kg-dry	1	8/15/2017
Dibromochloromethane	ND	0.0047		mg/Kg-dry	1	8/15/2017
1,1-Dichloroethane	ND	0.0047		mg/Kg-dry	1	8/15/2017
1,2-Dichloroethane	ND	0.0047		mg/Kg-dry	1	8/15/2017
1,1-Dichloroethene	ND	0.0047		mg/Kg-dry	1	8/15/2017
cis-1,2-Dichloroethene	ND	0.0047		mg/Kg-dry	1	8/15/2017
trans-1,2-Dichloroethene	ND	0.0047		mg/Kg-dry	1	8/15/2017
1,2-Dichloropropane	ND	0.0047		mg/Kg-dry	1	8/15/2017
cis-1,3-Dichloropropene	ND	0.0019		mg/Kg-dry	1	8/15/2017
trans-1,3-Dichloropropene	ND	0.0019		mg/Kg-dry	1	8/15/2017
Ethylbenzene	ND	0.0047		mg/Kg-dry	1	8/15/2017
2-Hexanone	ND	0.019		mg/Kg-dry	1	8/15/2017
4-Methyl-2-pentanone	ND	0.019		mg/Kg-dry	1	8/15/2017
Methylene chloride	ND	0.0093		mg/Kg-dry	1	8/15/2017
Methyl tert-butyl ether	ND	0.0047		mg/Kg-dry	1	8/15/2017
Styrene	ND	0.0047		mg/Kg-dry	1	8/15/2017
1,1,2,2-Tetrachloroethane	ND	0.0047		mg/Kg-dry	1	8/15/2017
Tetrachloroethene	ND	0.0047		mg/Kg-dry	1	8/15/2017
Toluene	ND	0.0047		mg/Kg-dry	1	8/15/2017
1,1,1-Trichloroethane	ND	0.0047		mg/Kg-dry	1	8/15/2017
1,1,2-Trichloroethane	ND	0.0047		mg/Kg-dry	1	8/15/2017
Trichloroethene	ND	0.0047		mg/Kg-dry	1	8/15/2017
Vinyl chloride	ND	0.0047		mg/Kg-dry	1	8/15/2017
Xylenes, Total	ND	0.014		mg/Kg-dry	1	8/15/2017

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

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Report Date: August 18, 2017

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ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-41-01 (0-1)

Work Order: 17080286 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 8/7/2017 1:15:00 PM

Lab ID: 17080286-018B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS		SW8270C (SW3550B)		Prep Date: 8/10/2017		Analyst: MEP
Acenaphthene	ND	0.038		mg/Kg-dry	1	8/14/2017
Acenaphthylene	ND	0.038		mg/Kg-dry	1	8/14/2017
Aniline	ND	0.38		mg/Kg-dry	1	8/14/2017
Anthracene	ND	0.038		mg/Kg-dry	1	8/14/2017
Benz(a)anthracene	ND	0.038		mg/Kg-dry	1	8/14/2017
Benzidine	ND	0.38		mg/Kg-dry	1	8/14/2017
Benzo(a)pyrene	ND	0.038		mg/Kg-dry	1	8/14/2017
Benzo(b)fluoranthene	ND	0.038		mg/Kg-dry	1	8/14/2017
Benzo(g,h,i)perylene	ND	0.038		mg/Kg-dry	1	8/14/2017
Benzo(k)fluoranthene	ND	0.038		mg/Kg-dry	1	8/14/2017
Benzoic acid	ND	0.96		mg/Kg-dry	1	8/14/2017
Benzyl alcohol	ND	0.20		mg/Kg-dry	1	8/14/2017
Bis(2-chloroethoxy)methane	ND	0.20		mg/Kg-dry	1	8/14/2017
Bis(2-chloroethyl)ether	ND	0.20		mg/Kg-dry	1	8/14/2017
Bis(2-ethylhexyl)phthalate	ND	0.96		mg/Kg-dry	1	8/14/2017
4-Bromophenyl phenyl ether	ND	0.20		mg/Kg-dry	1	8/14/2017
Butyl benzyl phthalate	ND	0.20		mg/Kg-dry	1	8/14/2017
Carbazole	ND	0.20		mg/Kg-dry	1	8/14/2017
4-Chloroaniline	ND	0.20		mg/Kg-dry	1	8/14/2017
4-Chloro-3-methylphenol	ND	0.38		mg/Kg-dry	1	8/14/2017
2-Chloronaphthalene	ND	0.20		mg/Kg-dry	1	8/14/2017
2-Chlorophenol	ND	0.20		mg/Kg-dry	1	8/14/2017
4-Chlorophenyl phenyl ether	ND	0.20		mg/Kg-dry	1	8/14/2017
Chrysene	ND	0.038		mg/Kg-dry	1	8/14/2017
Dibenz(a,h)anthracene	ND	0.038		mg/Kg-dry	1	8/14/2017
Dibenzofuran	ND	0.20		mg/Kg-dry	1	8/14/2017
1,2-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	8/14/2017
1,3-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	8/14/2017
1,4-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	8/14/2017
3,3'-Dichlorobenzidine	ND	0.20		mg/Kg-dry	1	8/14/2017
2,4-Dichlorophenol	ND	0.20		mg/Kg-dry	1	8/14/2017
Diethyl phthalate	ND	0.20		mg/Kg-dry	1	8/14/2017
2,4-Dimethylphenol	ND	0.20		mg/Kg-dry	1	8/14/2017
Dimethyl phthalate	ND	0.20		mg/Kg-dry	1	8/14/2017
4,6-Dinitro-2-methylphenol	ND	0.38		mg/Kg-dry	1	8/14/2017
2,4-Dinitrophenol	ND	0.96		mg/Kg-dry	1	8/14/2017
2,4-Dinitrotoluene	ND	0.038		mg/Kg-dry	1	8/14/2017
2,6-Dinitrotoluene	ND	0.038		mg/Kg-dry	1	8/14/2017

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

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

Report Date: August 18, 2017

Print Date: August 18, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-41-01 (0-1)

Work Order: 17080286 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 8/7/2017 1:15:00 PM

Lab ID: 17080286-018B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS						
	SW8270C (SW3550B)				Prep Date: 8/10/2017	Analyst: MEP
Di-n-butyl phthalate	ND	0.20		mg/Kg-dry	1	8/14/2017
Di-n-octyl phthalate	ND	0.20		mg/Kg-dry	1	8/14/2017
Fluoranthene	ND	0.038		mg/Kg-dry	1	8/14/2017
Fluorene	ND	0.038		mg/Kg-dry	1	8/14/2017
Hexachlorobenzene	ND	0.20		mg/Kg-dry	1	8/14/2017
Hexachlorobutadiene	ND	0.20		mg/Kg-dry	1	8/14/2017
Hexachlorocyclopentadiene	ND	0.20		mg/Kg-dry	1	8/14/2017
Hexachloroethane	ND	0.20		mg/Kg-dry	1	8/14/2017
Indeno(1,2,3-cd)pyrene	ND	0.038		mg/Kg-dry	1	8/14/2017
Isophorone	ND	0.20		mg/Kg-dry	1	8/14/2017
2-Methylnaphthalene	ND	0.20		mg/Kg-dry	1	8/14/2017
2-Methylphenol	ND	0.20		mg/Kg-dry	1	8/14/2017
4-Methylphenol	ND	0.20		mg/Kg-dry	1	8/14/2017
Naphthalene	ND	0.038		mg/Kg-dry	1	8/14/2017
2-Nitroaniline	ND	0.20		mg/Kg-dry	1	8/14/2017
3-Nitroaniline	ND	0.20		mg/Kg-dry	1	8/14/2017
4-Nitroaniline	ND	0.20		mg/Kg-dry	1	8/14/2017
2-Nitrophenol	ND	0.20		mg/Kg-dry	1	8/14/2017
4-Nitrophenol	ND	0.38		mg/Kg-dry	1	8/14/2017
Nitrobenzene	ND	0.038		mg/Kg-dry	1	8/14/2017
N-Nitrosodi-n-propylamine	ND	0.038		mg/Kg-dry	1	8/14/2017
N-Nitrosodimethylamine	ND	0.20		mg/Kg-dry	1	8/14/2017
N-Nitrosodiphenylamine	ND	0.20		mg/Kg-dry	1	8/14/2017
2, 2'-oxybis(1-Chloropropane)	ND	0.20		mg/Kg-dry	1	8/14/2017
Pentachlorophenol	ND	0.077		mg/Kg-dry	1	8/14/2017
Phenanthrene	ND	0.038		mg/Kg-dry	1	8/14/2017
Phenol	ND	0.20		mg/Kg-dry	1	8/14/2017
Pyrene	ND	0.038		mg/Kg-dry	1	8/14/2017
Pyridine	ND	0.77		mg/Kg-dry	1	8/14/2017
1,2,4-Trichlorobenzene	ND	0.20		mg/Kg-dry	1	8/14/2017
2,4,5-Trichlorophenol	ND	0.20		mg/Kg-dry	1	8/14/2017
2,4,6-Trichlorophenol	ND	0.20		mg/Kg-dry	1	8/14/2017
Metals by ICP/MS						
	SW6020 (SW3050B)				Prep Date: 8/10/2017	Analyst: JG
Aluminum	12000	20		mg/Kg-dry	10	8/13/2017
Antimony	ND	2.0		mg/Kg-dry	10	8/13/2017
Arsenic	9.1	1.0		mg/Kg-dry	10	8/13/2017
Barium	65	1.0		mg/Kg-dry	10	8/13/2017
Beryllium	0.61	0.51		mg/Kg-dry	10	8/13/2017

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

HT - Sample received past holding time

* - Non-accredited parameter

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S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

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Report Date: August 18, 2017

Print Date: August 18, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-41-01 (0-1)

Work Order: 17080286 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 8/7/2017 1:15:00 PM

Lab ID: 17080286-018B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed

Metals by ICP/MS

SW6020 (SW3050B)

Prep Date: 8/10/2017

Analyst: JG

Cadmium	ND	0.51		mg/Kg-dry	10	8/13/2017
Calcium	22000	61		mg/Kg-dry	10	8/13/2017
Chromium	18	1.0		mg/Kg-dry	10	8/13/2017
Cobalt	11	1.0		mg/Kg-dry	10	8/13/2017
Copper	22	2.5		mg/Kg-dry	10	8/13/2017
Iron	23000	30		mg/Kg-dry	10	8/13/2017
Lead	16	0.51		mg/Kg-dry	10	8/13/2017
Magnesium	13000	30		mg/Kg-dry	10	8/13/2017
Manganese	620	1.0		mg/Kg-dry	10	8/13/2017
Nickel	27	1.0		mg/Kg-dry	10	8/13/2017
Potassium	1100	30		mg/Kg-dry	10	8/13/2017
Selenium	ND	1.0		mg/Kg-dry	10	8/13/2017
Silver	ND	1.0		mg/Kg-dry	10	8/13/2017
Sodium	1300	61		mg/Kg-dry	10	8/13/2017
Thallium	ND	1.0		mg/Kg-dry	10	8/13/2017
Vanadium	29	1.0		mg/Kg-dry	10	8/13/2017
Zinc	52	5.1		mg/Kg-dry	10	8/13/2017

SPLP Metals by ICP/MS

SW1312/6020 (SW3005A)

Prep Date: 8/12/2017

Analyst: JG

Arsenic	0.0044	0.0040		mg/L	2	8/16/2017
Barium	0.029	0.020		mg/L	2	8/16/2017
Beryllium	ND	0.0020		mg/L	2	8/16/2017
Cadmium	ND	0.0020		mg/L	2	8/16/2017
Chromium	0.0092	0.0040		mg/L	2	8/16/2017
Cobalt	ND	0.0040		mg/L	2	8/16/2017
Copper	ND	0.040		mg/L	2	8/16/2017
Iron	9.1	0.10		mg/L	2	8/16/2017
Lead	0.0067	0.0020		mg/L	2	8/16/2017
Manganese	0.053	0.0040		mg/L	2	8/16/2017
Nickel	0.0099	0.0040		mg/L	2	8/16/2017
Selenium	ND	0.0040		mg/L	2	8/16/2017
Silver	ND	0.0040		mg/L	2	8/16/2017
Zinc	0.056	0.020		mg/L	2	8/16/2017

TCLP Metals by ICP/MS

SW1311/6020 (SW3005A)

Prep Date: 8/16/2017

Analyst: JG

Arsenic	ND	0.010		mg/L	5	8/17/2017
Barium	0.93	0.050		mg/L	5	8/17/2017
Beryllium	ND	0.0050		mg/L	5	8/17/2017
Cadmium	ND	0.0050		mg/L	5	8/17/2017

Qualifiers:

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Report Date: August 18, 2017

Print Date: August 18, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-41-01 (0-1)

Work Order: 17080286 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 8/7/2017 1:15:00 PM

Lab ID: 17080286-018B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
TCLP Metals by ICP/MS	SW1311/6020 (SW3005A)		Prep Date: 8/16/2017		Analyst: JG	
Chromium	ND	0.010		mg/L	5	8/17/2017
Cobalt	0.037	0.010		mg/L	5	8/17/2017
Copper	ND	0.10		mg/L	5	8/17/2017
Iron	ND	0.25		mg/L	5	8/17/2017
Lead	ND	0.0050		mg/L	5	8/17/2017
Manganese	8.2	0.010		mg/L	5	8/17/2017
Nickel	0.064	0.010		mg/L	5	8/17/2017
Selenium	ND	0.010		mg/L	5	8/17/2017
Silver	ND	0.010		mg/L	5	8/17/2017
Zinc	ND	0.050		mg/L	5	8/17/2017
TCLP Mercury	SW1311/7470A		Prep Date: 8/16/2017		Analyst: LB	
Mercury	ND	0.00020		mg/L	1	8/16/2017
SPLP Mercury	SW1312/7470A		Prep Date: 8/14/2017		Analyst: LB	
Mercury	ND	0.00025		mg/L	1	8/14/2017
Mercury	SW7471A		Prep Date: 8/11/2017		Analyst: LB	
Mercury	0.025	0.018		mg/Kg-dry	1	8/14/2017
pH (25 °C)	SW9045C		Prep Date: 8/14/2017		Analyst: RW	
pH	8.56			pH Units	1	8/14/2017
Percent Moisture	D2974		Prep Date: 8/10/2017		Analyst: KKA	
Percent Moisture	13.6	0.2	*	wt%	1	8/11/2017

Qualifiers:

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S - Spike Recovery outside accepted recovery limits

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E - Value above quantitation range

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Report Date: August 18, 2017

Print Date: August 18, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-41-02 (0-1)

Work Order: 17080286 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 8/7/2017 1:12:00 PM

Lab ID: 17080286-019A

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS		SW5035/8260B		Prep Date: 8/9/2017		Analyst: ERP
Acetone	ND	0.075		mg/Kg-dry	1	8/15/2017
Benzene	ND	0.0050		mg/Kg-dry	1	8/15/2017
Bromodichloromethane	ND	0.0050		mg/Kg-dry	1	8/15/2017
Bromoform	ND	0.0050		mg/Kg-dry	1	8/15/2017
Bromomethane	ND	0.010		mg/Kg-dry	1	8/15/2017
2-Butanone	ND	0.075		mg/Kg-dry	1	8/15/2017
Carbon disulfide	ND	0.050		mg/Kg-dry	1	8/15/2017
Carbon tetrachloride	ND	0.0050		mg/Kg-dry	1	8/15/2017
Chlorobenzene	ND	0.0050		mg/Kg-dry	1	8/15/2017
Chloroethane	ND	0.010		mg/Kg-dry	1	8/15/2017
Chloroform	ND	0.0050		mg/Kg-dry	1	8/15/2017
Chloromethane	ND	0.010		mg/Kg-dry	1	8/15/2017
Dibromochloromethane	ND	0.0050		mg/Kg-dry	1	8/15/2017
1,1-Dichloroethane	ND	0.0050		mg/Kg-dry	1	8/15/2017
1,2-Dichloroethane	ND	0.0050		mg/Kg-dry	1	8/15/2017
1,1-Dichloroethene	ND	0.0050		mg/Kg-dry	1	8/15/2017
cis-1,2-Dichloroethene	ND	0.0050		mg/Kg-dry	1	8/15/2017
trans-1,2-Dichloroethene	ND	0.0050		mg/Kg-dry	1	8/15/2017
1,2-Dichloropropane	ND	0.0050		mg/Kg-dry	1	8/15/2017
cis-1,3-Dichloropropene	ND	0.0020		mg/Kg-dry	1	8/15/2017
trans-1,3-Dichloropropene	ND	0.0020		mg/Kg-dry	1	8/15/2017
Ethylbenzene	ND	0.0050		mg/Kg-dry	1	8/15/2017
2-Hexanone	ND	0.020		mg/Kg-dry	1	8/15/2017
4-Methyl-2-pentanone	ND	0.020		mg/Kg-dry	1	8/15/2017
Methylene chloride	ND	0.010		mg/Kg-dry	1	8/15/2017
Methyl tert-butyl ether	ND	0.0050		mg/Kg-dry	1	8/15/2017
Styrene	ND	0.0050		mg/Kg-dry	1	8/15/2017
1,1,2,2-Tetrachloroethane	ND	0.0050		mg/Kg-dry	1	8/15/2017
Tetrachloroethene	ND	0.0050		mg/Kg-dry	1	8/15/2017
Toluene	ND	0.0050		mg/Kg-dry	1	8/15/2017
1,1,1-Trichloroethane	ND	0.0050		mg/Kg-dry	1	8/15/2017
1,1,2-Trichloroethane	ND	0.0050		mg/Kg-dry	1	8/15/2017
Trichloroethene	ND	0.0050		mg/Kg-dry	1	8/15/2017
Vinyl chloride	ND	0.0050		mg/Kg-dry	1	8/15/2017
Xylenes, Total	ND	0.015		mg/Kg-dry	1	8/15/2017

Qualifiers:

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Report Date: August 18, 2017

Print Date: August 18, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-41-02 (0-1)

Work Order: 17080286 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 8/7/2017 1:12:00 PM

Lab ID: 17080286-019B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS		SW8270C (SW3550B)		Prep Date: 8/10/2017		Analyst: MEP
Acenaphthene	ND	0.039		mg/Kg-dry	1	8/14/2017
Acenaphthylene	ND	0.039		mg/Kg-dry	1	8/14/2017
Aniline	ND	0.39		mg/Kg-dry	1	8/14/2017
Anthracene	ND	0.039		mg/Kg-dry	1	8/14/2017
Benz(a)anthracene	ND	0.039		mg/Kg-dry	1	8/14/2017
Benzidine	ND	0.39		mg/Kg-dry	1	8/14/2017
Benzo(a)pyrene	ND	0.039		mg/Kg-dry	1	8/14/2017
Benzo(b)fluoranthene	ND	0.039		mg/Kg-dry	1	8/14/2017
Benzo(g,h,i)perylene	ND	0.039		mg/Kg-dry	1	8/14/2017
Benzo(k)fluoranthene	ND	0.039		mg/Kg-dry	1	8/14/2017
Benzoic acid	ND	0.98		mg/Kg-dry	1	8/14/2017
Benzyl alcohol	ND	0.20		mg/Kg-dry	1	8/14/2017
Bis(2-chloroethoxy)methane	ND	0.20		mg/Kg-dry	1	8/14/2017
Bis(2-chloroethyl)ether	ND	0.20		mg/Kg-dry	1	8/14/2017
Bis(2-ethylhexyl)phthalate	ND	0.98		mg/Kg-dry	1	8/14/2017
4-Bromophenyl phenyl ether	ND	0.20		mg/Kg-dry	1	8/14/2017
Butyl benzyl phthalate	ND	0.20		mg/Kg-dry	1	8/14/2017
Carbazole	ND	0.20		mg/Kg-dry	1	8/14/2017
4-Chloroaniline	ND	0.20		mg/Kg-dry	1	8/14/2017
4-Chloro-3-methylphenol	ND	0.39		mg/Kg-dry	1	8/14/2017
2-Chloronaphthalene	ND	0.20		mg/Kg-dry	1	8/14/2017
2-Chlorophenol	ND	0.20		mg/Kg-dry	1	8/14/2017
4-Chlorophenyl phenyl ether	ND	0.20		mg/Kg-dry	1	8/14/2017
Chrysene	ND	0.039		mg/Kg-dry	1	8/14/2017
Dibenz(a,h)anthracene	ND	0.039		mg/Kg-dry	1	8/14/2017
Dibenzofuran	ND	0.20		mg/Kg-dry	1	8/14/2017
1,2-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	8/14/2017
1,3-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	8/14/2017
1,4-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	8/14/2017
3,3'-Dichlorobenzidine	ND	0.20		mg/Kg-dry	1	8/14/2017
2,4-Dichlorophenol	ND	0.20		mg/Kg-dry	1	8/14/2017
Diethyl phthalate	ND	0.20		mg/Kg-dry	1	8/14/2017
2,4-Dimethylphenol	ND	0.20		mg/Kg-dry	1	8/14/2017
Dimethyl phthalate	ND	0.20		mg/Kg-dry	1	8/14/2017
4,6-Dinitro-2-methylphenol	ND	0.39		mg/Kg-dry	1	8/14/2017
2,4-Dinitrophenol	ND	0.98		mg/Kg-dry	1	8/14/2017
2,4-Dinitrotoluene	ND	0.039		mg/Kg-dry	1	8/14/2017
2,6-Dinitrotoluene	ND	0.039		mg/Kg-dry	1	8/14/2017

Qualifiers:

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Report Date: August 18, 2017

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ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-41-02 (0-1)

Work Order: 17080286 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 8/7/2017 1:12:00 PM

Lab ID: 17080286-019B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS						
	SW8270C (SW3550B)				Prep Date: 8/10/2017	Analyst: MEP
Di-n-butyl phthalate	ND	0.20		mg/Kg-dry	1	8/14/2017
Di-n-octyl phthalate	ND	0.20		mg/Kg-dry	1	8/14/2017
Fluoranthene	ND	0.039		mg/Kg-dry	1	8/14/2017
Fluorene	ND	0.039		mg/Kg-dry	1	8/14/2017
Hexachlorobenzene	ND	0.20		mg/Kg-dry	1	8/14/2017
Hexachlorobutadiene	ND	0.20		mg/Kg-dry	1	8/14/2017
Hexachlorocyclopentadiene	ND	0.20		mg/Kg-dry	1	8/14/2017
Hexachloroethane	ND	0.20		mg/Kg-dry	1	8/14/2017
Indeno(1,2,3-cd)pyrene	ND	0.039		mg/Kg-dry	1	8/14/2017
Isophorone	ND	0.20		mg/Kg-dry	1	8/14/2017
2-Methylnaphthalene	ND	0.20		mg/Kg-dry	1	8/14/2017
2-Methylphenol	ND	0.20		mg/Kg-dry	1	8/14/2017
4-Methylphenol	ND	0.20		mg/Kg-dry	1	8/14/2017
Naphthalene	ND	0.039		mg/Kg-dry	1	8/14/2017
2-Nitroaniline	ND	0.20		mg/Kg-dry	1	8/14/2017
3-Nitroaniline	ND	0.20		mg/Kg-dry	1	8/14/2017
4-Nitroaniline	ND	0.20		mg/Kg-dry	1	8/14/2017
2-Nitrophenol	ND	0.20		mg/Kg-dry	1	8/14/2017
4-Nitrophenol	ND	0.39		mg/Kg-dry	1	8/14/2017
Nitrobenzene	ND	0.039		mg/Kg-dry	1	8/14/2017
N-Nitrosodi-n-propylamine	ND	0.039		mg/Kg-dry	1	8/14/2017
N-Nitrosodimethylamine	ND	0.20		mg/Kg-dry	1	8/14/2017
N-Nitrosodiphenylamine	ND	0.20		mg/Kg-dry	1	8/14/2017
2, 2'-oxybis(1-Chloropropane)	ND	0.20		mg/Kg-dry	1	8/14/2017
Pentachlorophenol	ND	0.079		mg/Kg-dry	1	8/14/2017
Phenanthrene	ND	0.039		mg/Kg-dry	1	8/14/2017
Phenol	ND	0.20		mg/Kg-dry	1	8/14/2017
Pyrene	ND	0.039		mg/Kg-dry	1	8/14/2017
Pyridine	ND	0.79		mg/Kg-dry	1	8/14/2017
1,2,4-Trichlorobenzene	ND	0.20		mg/Kg-dry	1	8/14/2017
2,4,5-Trichlorophenol	ND	0.20		mg/Kg-dry	1	8/14/2017
2,4,6-Trichlorophenol	ND	0.20		mg/Kg-dry	1	8/14/2017
Metals by ICP/MS						
	SW6020 (SW3050B)				Prep Date: 8/10/2017	Analyst: JG
Aluminum	11000	20		mg/Kg-dry	10	8/13/2017
Antimony	ND	2.0		mg/Kg-dry	10	8/13/2017
Arsenic	5.2	0.99		mg/Kg-dry	10	8/14/2017
Barium	67	0.99		mg/Kg-dry	10	8/13/2017
Beryllium	0.57	0.49		mg/Kg-dry	10	8/14/2017

Qualifiers:

ND - Not Detected at the Reporting Limit

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HT - Sample received past holding time

* - Non-accredited parameter

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E - Value above quantitation range

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

Report Date: August 18, 2017

Print Date: August 18, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-41-02 (0-1)

Work Order: 17080286 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 8/7/2017 1:12:00 PM

Lab ID: 17080286-019B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed

Metals by ICP/MS

SW6020 (SW3050B)

Prep Date: 8/10/2017

Analyst: JG

Cadmium	ND	0.49		mg/Kg-dry	10	8/14/2017
Calcium	64000	59		mg/Kg-dry	10	8/13/2017
Chromium	21	0.99		mg/Kg-dry	10	8/13/2017
Cobalt	11	0.99		mg/Kg-dry	10	8/13/2017
Copper	29	2.5		mg/Kg-dry	10	8/13/2017
Iron	22000	30		mg/Kg-dry	10	8/13/2017
Lead	49	0.49		mg/Kg-dry	10	8/13/2017
Magnesium	38000	30		mg/Kg-dry	10	8/13/2017
Manganese	370	0.99		mg/Kg-dry	10	8/13/2017
Nickel	28	0.99		mg/Kg-dry	10	8/13/2017
Potassium	1800	30		mg/Kg-dry	10	8/13/2017
Selenium	ND	0.99		mg/Kg-dry	10	8/13/2017
Silver	ND	0.99		mg/Kg-dry	10	8/13/2017
Sodium	1800	59		mg/Kg-dry	10	8/13/2017
Thallium	ND	0.99		mg/Kg-dry	10	8/13/2017
Vanadium	27	0.99		mg/Kg-dry	10	8/13/2017
Zinc	73	4.9		mg/Kg-dry	10	8/13/2017

SPLP Metals by ICP/MS

SW1312/6020 (SW3005A)

Prep Date: 8/12/2017

Analyst: JG

Arsenic	0.0072	0.0040		mg/L	2	8/16/2017
Barium	0.052	0.020		mg/L	2	8/16/2017
Beryllium	ND	0.0020		mg/L	2	8/16/2017
Cadmium	ND	0.0020		mg/L	2	8/16/2017
Chromium	0.017	0.0040		mg/L	2	8/16/2017
Cobalt	0.0064	0.0040		mg/L	2	8/16/2017
Copper	ND	0.040		mg/L	2	8/16/2017
Iron	15	0.10		mg/L	2	8/16/2017
Lead	0.015	0.0020		mg/L	2	8/16/2017
Manganese	0.17	0.0040		mg/L	2	8/16/2017
Nickel	0.017	0.0040		mg/L	2	8/16/2017
Selenium	ND	0.0040		mg/L	2	8/16/2017
Silver	ND	0.0040		mg/L	2	8/16/2017
Zinc	0.073	0.020		mg/L	2	8/16/2017

TCLP Metals by ICP/MS

SW1311/6020 (SW3005A)

Prep Date: 8/16/2017

Analyst: JG

Arsenic	ND	0.010		mg/L	5	8/17/2017
Barium	0.66	0.050		mg/L	5	8/17/2017
Beryllium	ND	0.0050		mg/L	5	8/17/2017
Cadmium	ND	0.0050		mg/L	5	8/17/2017

Qualifiers:

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R - RPD outside accepted recovery limits

E - Value above quantitation range

H - Holding time exceeded

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

Report Date: August 18, 2017

Print Date: August 18, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-41-02 (0-1)

Work Order: 17080286 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL

Collection Date: 8/7/2017 1:12:00 PM

Lab ID: 17080286-019B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
TCLP Metals by ICP/MS	SW1311/6020 (SW3005A)		Prep Date: 8/16/2017		Analyst: JG	
Chromium	ND	0.010		mg/L	5	8/17/2017
Cobalt	ND	0.010		mg/L	5	8/17/2017
Copper	ND	0.10		mg/L	5	8/17/2017
Iron	ND	0.25		mg/L	5	8/17/2017
Lead	ND	0.0050		mg/L	5	8/17/2017
Manganese	0.11	0.010		mg/L	5	8/17/2017
Nickel	0.014	0.010		mg/L	5	8/17/2017
Selenium	ND	0.010		mg/L	5	8/17/2017
Silver	ND	0.010		mg/L	5	8/17/2017
Zinc	ND	0.050		mg/L	5	8/17/2017
TCLP Mercury	SW1311/7470A		Prep Date: 8/16/2017		Analyst: LB	
Mercury	ND	0.00020		mg/L	1	8/16/2017
SPLP Mercury	SW1312/7470A		Prep Date: 8/14/2017		Analyst: LB	
Mercury	ND	0.00025		mg/L	1	8/14/2017
Mercury	SW7471A		Prep Date: 8/11/2017		Analyst: LB	
Mercury	0.030	0.023		mg/Kg-dry	1	8/14/2017
pH (25 °C)	SW9045C		Prep Date: 8/14/2017		Analyst: RW	
pH	8.48			pH Units	1	8/14/2017
Percent Moisture	D2974		Prep Date: 8/10/2017		Analyst: KKA	
Percent Moisture	15.0	0.2	*	wt%	1	8/11/2017

Qualifiers:

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Report Date: August 18, 2017

Print Date: August 18, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-43-10 (0-1)

Work Order: 17080286 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 8/7/2017 1:25:00 PM

Lab ID: 17080286-026A

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS		SW5035/8260B			Prep Date: 8/9/2017	Analyst: JNM
Acetone	ND	0.069		mg/Kg-dry	1	8/16/2017
Benzene	ND	0.0046		mg/Kg-dry	1	8/16/2017
Bromodichloromethane	ND	0.0046		mg/Kg-dry	1	8/16/2017
Bromoform	ND	0.0046		mg/Kg-dry	1	8/16/2017
Bromomethane	ND	0.0093		mg/Kg-dry	1	8/16/2017
2-Butanone	ND	0.069		mg/Kg-dry	1	8/16/2017
Carbon disulfide	ND	0.046		mg/Kg-dry	1	8/16/2017
Carbon tetrachloride	ND	0.0046		mg/Kg-dry	1	8/16/2017
Chlorobenzene	ND	0.0046		mg/Kg-dry	1	8/16/2017
Chloroethane	ND	0.0093		mg/Kg-dry	1	8/16/2017
Chloroform	ND	0.0046		mg/Kg-dry	1	8/16/2017
Chloromethane	ND	0.0093		mg/Kg-dry	1	8/16/2017
Dibromochloromethane	ND	0.0046		mg/Kg-dry	1	8/16/2017
1,1-Dichloroethane	ND	0.0046		mg/Kg-dry	1	8/16/2017
1,2-Dichloroethane	ND	0.0046		mg/Kg-dry	1	8/16/2017
1,1-Dichloroethene	ND	0.0046		mg/Kg-dry	1	8/16/2017
cis-1,2-Dichloroethene	ND	0.0046		mg/Kg-dry	1	8/16/2017
trans-1,2-Dichloroethene	ND	0.0046		mg/Kg-dry	1	8/16/2017
1,2-Dichloropropane	ND	0.0046		mg/Kg-dry	1	8/16/2017
cis-1,3-Dichloropropene	ND	0.0019		mg/Kg-dry	1	8/16/2017
trans-1,3-Dichloropropene	ND	0.0019		mg/Kg-dry	1	8/16/2017
Ethylbenzene	ND	0.0046		mg/Kg-dry	1	8/16/2017
2-Hexanone	ND	0.019		mg/Kg-dry	1	8/16/2017
4-Methyl-2-pentanone	ND	0.019		mg/Kg-dry	1	8/16/2017
Methylene chloride	ND	0.0093		mg/Kg-dry	1	8/16/2017
Methyl tert-butyl ether	ND	0.0046		mg/Kg-dry	1	8/16/2017
Styrene	ND	0.0046		mg/Kg-dry	1	8/16/2017
1,1,2,2-Tetrachloroethane	ND	0.0046		mg/Kg-dry	1	8/16/2017
Tetrachloroethene	ND	0.0046		mg/Kg-dry	1	8/16/2017
Toluene	ND	0.0046		mg/Kg-dry	1	8/16/2017
1,1,1-Trichloroethane	ND	0.0046		mg/Kg-dry	1	8/16/2017
1,1,2-Trichloroethane	ND	0.0046		mg/Kg-dry	1	8/16/2017
Trichloroethene	ND	0.0046		mg/Kg-dry	1	8/16/2017
Vinyl chloride	ND	0.0046		mg/Kg-dry	1	8/16/2017
Xylenes, Total	ND	0.014		mg/Kg-dry	1	8/16/2017

Qualifiers:

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Report Date: August 18, 2017

Print Date: August 18, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-43-10 (0-1)

Work Order: 17080286 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 8/7/2017 1:25:00 PM

Lab ID: 17080286-026B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS		SW8270C (SW3550B)		Prep Date: 8/10/2017		Analyst: MEP
Acenaphthene	ND	0.039		mg/Kg-dry	1	8/14/2017
Acenaphthylene	ND	0.039		mg/Kg-dry	1	8/14/2017
Aniline	ND	0.39		mg/Kg-dry	1	8/14/2017
Anthracene	ND	0.039		mg/Kg-dry	1	8/14/2017
Benz(a)anthracene	ND	0.039		mg/Kg-dry	1	8/14/2017
Benzidine	ND	0.39		mg/Kg-dry	1	8/14/2017
Benzo(a)pyrene	ND	0.039		mg/Kg-dry	1	8/14/2017
Benzo(b)fluoranthene	ND	0.039		mg/Kg-dry	1	8/14/2017
Benzo(g,h,i)perylene	ND	0.039		mg/Kg-dry	1	8/14/2017
Benzo(k)fluoranthene	ND	0.039		mg/Kg-dry	1	8/14/2017
Benzoic acid	ND	0.98		mg/Kg-dry	1	8/14/2017
Benzyl alcohol	ND	0.20		mg/Kg-dry	1	8/14/2017
Bis(2-chloroethoxy)methane	ND	0.20		mg/Kg-dry	1	8/14/2017
Bis(2-chloroethyl)ether	ND	0.20		mg/Kg-dry	1	8/14/2017
Bis(2-ethylhexyl)phthalate	ND	0.98		mg/Kg-dry	1	8/14/2017
4-Bromophenyl phenyl ether	ND	0.20		mg/Kg-dry	1	8/14/2017
Butyl benzyl phthalate	ND	0.20		mg/Kg-dry	1	8/14/2017
Carbazole	ND	0.20		mg/Kg-dry	1	8/14/2017
4-Chloroaniline	ND	0.20		mg/Kg-dry	1	8/14/2017
4-Chloro-3-methylphenol	ND	0.39		mg/Kg-dry	1	8/14/2017
2-Chloronaphthalene	ND	0.20		mg/Kg-dry	1	8/14/2017
2-Chlorophenol	ND	0.20		mg/Kg-dry	1	8/14/2017
4-Chlorophenyl phenyl ether	ND	0.20		mg/Kg-dry	1	8/14/2017
Chrysene	ND	0.039		mg/Kg-dry	1	8/14/2017
Dibenz(a,h)anthracene	ND	0.039		mg/Kg-dry	1	8/14/2017
Dibenzofuran	ND	0.20		mg/Kg-dry	1	8/14/2017
1,2-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	8/14/2017
1,3-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	8/14/2017
1,4-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	8/14/2017
3,3'-Dichlorobenzidine	ND	0.20		mg/Kg-dry	1	8/14/2017
2,4-Dichlorophenol	ND	0.20		mg/Kg-dry	1	8/14/2017
Diethyl phthalate	ND	0.20		mg/Kg-dry	1	8/14/2017
2,4-Dimethylphenol	ND	0.20		mg/Kg-dry	1	8/14/2017
Dimethyl phthalate	ND	0.20		mg/Kg-dry	1	8/14/2017
4,6-Dinitro-2-methylphenol	ND	0.39		mg/Kg-dry	1	8/14/2017
2,4-Dinitrophenol	ND	0.98		mg/Kg-dry	1	8/14/2017
2,4-Dinitrotoluene	ND	0.039		mg/Kg-dry	1	8/14/2017
2,6-Dinitrotoluene	ND	0.039		mg/Kg-dry	1	8/14/2017

Qualifiers:

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B - Analyte detected in the associated Method Blank

HT - Sample received past holding time

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Report Date: August 18, 2017

Print Date: August 18, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-43-10 (0-1)

Work Order: 17080286 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 8/7/2017 1:25:00 PM

Lab ID: 17080286-026B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS						
	SW8270C (SW3550B)				Prep Date: 8/10/2017	Analyst: MEP
Di-n-butyl phthalate	ND	0.20		mg/Kg-dry	1	8/14/2017
Di-n-octyl phthalate	ND	0.20		mg/Kg-dry	1	8/14/2017
Fluoranthene	ND	0.039		mg/Kg-dry	1	8/14/2017
Fluorene	ND	0.039		mg/Kg-dry	1	8/14/2017
Hexachlorobenzene	ND	0.20		mg/Kg-dry	1	8/14/2017
Hexachlorobutadiene	ND	0.20		mg/Kg-dry	1	8/14/2017
Hexachlorocyclopentadiene	ND	0.20		mg/Kg-dry	1	8/14/2017
Hexachloroethane	ND	0.20		mg/Kg-dry	1	8/14/2017
Indeno(1,2,3-cd)pyrene	ND	0.039		mg/Kg-dry	1	8/14/2017
Isophorone	ND	0.20		mg/Kg-dry	1	8/14/2017
2-Methylnaphthalene	ND	0.20		mg/Kg-dry	1	8/14/2017
2-Methylphenol	ND	0.20		mg/Kg-dry	1	8/14/2017
4-Methylphenol	ND	0.20		mg/Kg-dry	1	8/14/2017
Naphthalene	ND	0.039		mg/Kg-dry	1	8/14/2017
2-Nitroaniline	ND	0.20		mg/Kg-dry	1	8/14/2017
3-Nitroaniline	ND	0.20		mg/Kg-dry	1	8/14/2017
4-Nitroaniline	ND	0.20		mg/Kg-dry	1	8/14/2017
2-Nitrophenol	ND	0.20		mg/Kg-dry	1	8/14/2017
4-Nitrophenol	ND	0.39		mg/Kg-dry	1	8/14/2017
Nitrobenzene	ND	0.039		mg/Kg-dry	1	8/14/2017
N-Nitrosodi-n-propylamine	ND	0.039		mg/Kg-dry	1	8/14/2017
N-Nitrosodimethylamine	ND	0.20		mg/Kg-dry	1	8/14/2017
N-Nitrosodiphenylamine	ND	0.20		mg/Kg-dry	1	8/14/2017
2, 2'-oxybis(1-Chloropropane)	ND	0.20		mg/Kg-dry	1	8/14/2017
Pentachlorophenol	ND	0.079		mg/Kg-dry	1	8/14/2017
Phenanthrene	ND	0.039		mg/Kg-dry	1	8/14/2017
Phenol	ND	0.20		mg/Kg-dry	1	8/14/2017
Pyrene	ND	0.039		mg/Kg-dry	1	8/14/2017
Pyridine	ND	0.79		mg/Kg-dry	1	8/14/2017
1,2,4-Trichlorobenzene	ND	0.20		mg/Kg-dry	1	8/14/2017
2,4,5-Trichlorophenol	ND	0.20		mg/Kg-dry	1	8/14/2017
2,4,6-Trichlorophenol	ND	0.20		mg/Kg-dry	1	8/14/2017
Metals by ICP/MS						
	SW6020 (SW3050B)				Prep Date: 8/10/2017	Analyst: JG
Aluminum	10000	20		mg/Kg-dry	10	8/14/2017
Antimony	ND	2.0		mg/Kg-dry	10	8/14/2017
Arsenic	7.9	1.0		mg/Kg-dry	10	8/14/2017
Barium	78	1.0		mg/Kg-dry	10	8/14/2017
Beryllium	0.62	0.51		mg/Kg-dry	10	8/14/2017

Qualifiers:

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Report Date: August 18, 2017

Print Date: August 18, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-43-10 (0-1)

Work Order: 17080286 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 8/7/2017 1:25:00 PM

Lab ID: 17080286-026B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed

Metals by ICP/MS

SW6020 (SW3050B)

Prep Date: 8/10/2017

Analyst: JG

Cadmium	ND	0.51		mg/Kg-dry	10	8/14/2017
Calcium	65000	61		mg/Kg-dry	10	8/14/2017
Chromium	18	1.0		mg/Kg-dry	10	8/14/2017
Cobalt	11	1.0		mg/Kg-dry	10	8/14/2017
Copper	22	2.5		mg/Kg-dry	10	8/14/2017
Iron	22000	30		mg/Kg-dry	10	8/14/2017
Lead	23	0.51		mg/Kg-dry	10	8/14/2017
Magnesium	37000	30		mg/Kg-dry	10	8/14/2017
Manganese	640	1.0		mg/Kg-dry	10	8/14/2017
Nickel	24	1.0		mg/Kg-dry	10	8/14/2017
Potassium	1500	30		mg/Kg-dry	10	8/14/2017
Selenium	ND	1.0		mg/Kg-dry	10	8/14/2017
Silver	ND	1.0		mg/Kg-dry	10	8/14/2017
Sodium	2900	61		mg/Kg-dry	10	8/14/2017
Thallium	ND	1.0		mg/Kg-dry	10	8/14/2017
Vanadium	26	1.0		mg/Kg-dry	10	8/14/2017
Zinc	59	5.1		mg/Kg-dry	10	8/14/2017

SPLP Metals by ICP/MS

SW1312/6020 (SW3005A)

Prep Date: 8/16/2017

Analyst: JG

Arsenic	0.010	0.0040		mg/L	2	8/17/2017
Barium	0.080	0.020		mg/L	2	8/17/2017
Beryllium	ND	0.0020		mg/L	2	8/17/2017
Cadmium	ND	0.0020		mg/L	2	8/17/2017
Chromium	0.028	0.0040		mg/L	2	8/17/2017
Cobalt	0.0064	0.0040		mg/L	2	8/17/2017
Copper	0.058	0.040		mg/L	2	8/17/2017
Iron	32	1.0		mg/L	20	8/17/2017
Lead	0.019	0.0020		mg/L	2	8/17/2017
Manganese	0.15	0.0040		mg/L	2	8/17/2017
Nickel	0.023	0.0040		mg/L	2	8/17/2017
Selenium	ND	0.0040		mg/L	2	8/17/2017
Silver	ND	0.0040		mg/L	2	8/17/2017
Zinc	0.12	0.040		mg/L	2	8/17/2017

TCLP Metals by ICP/MS

SW1311/6020 (SW3005A)

Prep Date: 8/17/2017

Analyst: JG

Arsenic	ND	0.010		mg/L	5	8/17/2017
Barium	0.44	0.050		mg/L	5	8/17/2017
Beryllium	ND	0.0050		mg/L	5	8/17/2017
Cadmium	ND	0.0050		mg/L	5	8/17/2017

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

Report Date: August 18, 2017

Print Date: August 18, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-43-10 (0-1)

Work Order: 17080286 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL

Collection Date: 8/7/2017 1:25:00 PM

Lab ID: 17080286-026B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
TCLP Metals by ICP/MS	SW1311/6020 (SW3005A)		Prep Date: 8/17/2017		Analyst: JG	
Chromium	ND	0.010		mg/L	5	8/17/2017
Cobalt	ND	0.010		mg/L	5	8/17/2017
Copper	ND	0.10		mg/L	5	8/17/2017
Iron	ND	0.25		mg/L	5	8/17/2017
Lead	ND	0.0050		mg/L	5	8/17/2017
Manganese	0.72	0.010		mg/L	5	8/17/2017
Nickel	ND	0.010		mg/L	5	8/17/2017
Selenium	ND	0.010		mg/L	5	8/17/2017
Silver	ND	0.010		mg/L	5	8/17/2017
Zinc	ND	0.050		mg/L	5	8/17/2017
TCLP Mercury	SW1311/7470A		Prep Date: 8/17/2017		Analyst: LB	
Mercury	ND	0.00020		mg/L	1	8/17/2017
SPLP Mercury	SW1312/7470A		Prep Date: 8/15/2017		Analyst: LB	
Mercury	ND	0.00025		mg/L	1	8/16/2017
Mercury	SW7471A		Prep Date: 8/11/2017		Analyst: LB	
Mercury	0.038	0.019		mg/Kg-dry	1	8/14/2017
pH (25 °C)	SW9045C		Prep Date: 8/14/2017		Analyst: RW	
pH	8.71			pH Units	1	8/14/2017
Percent Moisture	D2974		Prep Date: 8/10/2017		Analyst: KKA	
Percent Moisture	16.2	0.2	*	wt%	1	8/11/2017

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



Illinois Environmental Protection Agency

Page 1 of 2

Bureau of Land • 1021 North Grand Avenue East • P.O. Box 19276 • Springfield • Illinois • 62794-9276

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: FAP 345 / US Route 20 at IL Route 59 Office Phone Number, if available: _____

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

2531V-43 (1200 Block Sutton / Between Ramp A and B, North of Lake Street)

City: Bartlett/Streamwood State: IL Zip Code: 60103

County: Cook Township: T41N / Hanover

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

Latitude: 42.008291 Longitude: -88.203318

(Decimal Degrees)

(-Decimal Degrees)

Identify how the lat/long data were determined:

☐ GPS ☐ Map Interpolation ☐ Photo Interpolation ☐ Survey ☒ Other

ISGS Public Land Survey System - Approximate Center of multiple addresses _____

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

II. Owner/Operator Information for Source Site

Site Owner

Name: Illinois Dept. of Transportation, District 1

Street Address: 201 W Center Court

PO Box: _____

City: Schaumburg State: IL

Zip Code: 60196 Phone: 847-705-4101

Contact: Sam Mead

Email, if available: Sam.Mead@illinois.gov

Site Operator

Name: Illinois Dept. of Transportation, District 1

Street Address: 201 W Center Court

PO Box: _____

City: Schaumburg State: IL

Zip Code: 60196 Phone: 847-705-4101

Contact: Sam Mead

Email, if available: Sam.Mead@illinois.gov

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: FAP 345 / US Route 20 at IL Route 59Latitude: 42.008291 Longitude: -88.203318Uncontaminated Site 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):

Refer to Figure 4-1.10 in the Final PSI Report and boring 2531V-43-01 (Sta 193+00 to Sta 195+00).

- 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]:

Refer to Tables 4-2 and 4-3 in the Final PSI Report for results summary and STAT Laboratory Report #17080343 Rev 0. Site specific table of results is attached to this form.

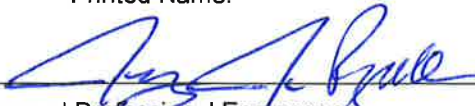
IV. Certification Statement, Signature and Seal of Licensed Professional Engineer or Licensed Professional Geologist

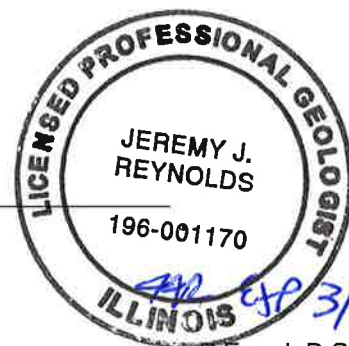
I, Jeremy J. Reynolds, P.G. (name of licensed professional engineer or geologist) certify under penalty of law that the information submitted, including but not limited to, all attachments and other information, is to the best of my knowledge and belief, true, accurate and complete. In accordance with 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: Huff & Huff, Inc. / GZA GeoEnvironmental, Inc.Street Address: 915 Harger Road, Suite 330City: Oak Brook State: IL Zip Code: 60523Phone: 630-684-9100Jeremy J. Reynolds, P.G.

Printed Name:


 Licensed Professional Engineer or
 Licensed Professional Geologist Signature:

Date: 8/24/17

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

LPC-663 Results Table for Sites 2531V-43-01

Soils for Reuse or Disposal Including CCDD/USFO Facilities in MSA Counties excluding Chicago

Boring ID	2531V-43-01	Soil Reference Concentrations ^{a/}
Sample Depth, ft	0-1	
Sample Date	8/9/17	
Excavation Area(s) [ISGS Site No.(s)]	2531V-43	
Parameter		
Laboratory soil pH (s.u.)	8.21	<6.25, >9.0
VOCs (mg/kg)	NO EXCEEDANCES	
SVOCs, mg/kg		
benzo(a)anthracene	0.81	0.9 / 1.1 / 1.8
Benzo(a)pyrene	0.96	0.09 / 1.3 / 2.1
Benzo(b)fluoranthene	0.98	0.9 / 1.5 / 2.1
Dibenz(a,h)anthracene	0.41	0.09 / 0.2 / 0.42
Total Metals, mg/kg		
Arsenic	4.2	11.3 / 13
Chromium	75	21
Cobalt	5.7	20
Iron	24000	15,000 / 15,900
Lead	41	107
Manganese	590	630 / 636
TCLP Metals, mg/L		Class I Groundwater ^{c/}
Cadmium	< 0.0050	0.005
Iron	0.85	5
Lead	< 0.0050	0.0075
Manganese	4.3	0.15
Nickel	0.018	0.1
Zinc	< 0.10	5
SPLP Metals, mg/L		
Iron	2.8	5
Lead	0.0035	0.0075
Manganese	0.020	0.15

--- - Refers to not applicable or value not available

Note: only samples and parameters with exceedances impacting construction activities are presented on this Figure; see Tables C-1 and C-2 in Appendix C for comprehensive analytical report tables of all samples and constituents analyzed.

Organic Soil Reference Concentrations (XX.XX / XX.XX / XX.XX) Include the Most Stringent Values from the MAC Table / The Chicago Corporate Limit / and The MSA County Excluding Chicago Values From the MAC Table.

Inorganic Soil Reference Concentrations (xx.xx / xx.xx) Include the Most Stringent values from the MAC Table / and the MSA County Value From the MAC Table as Applicable

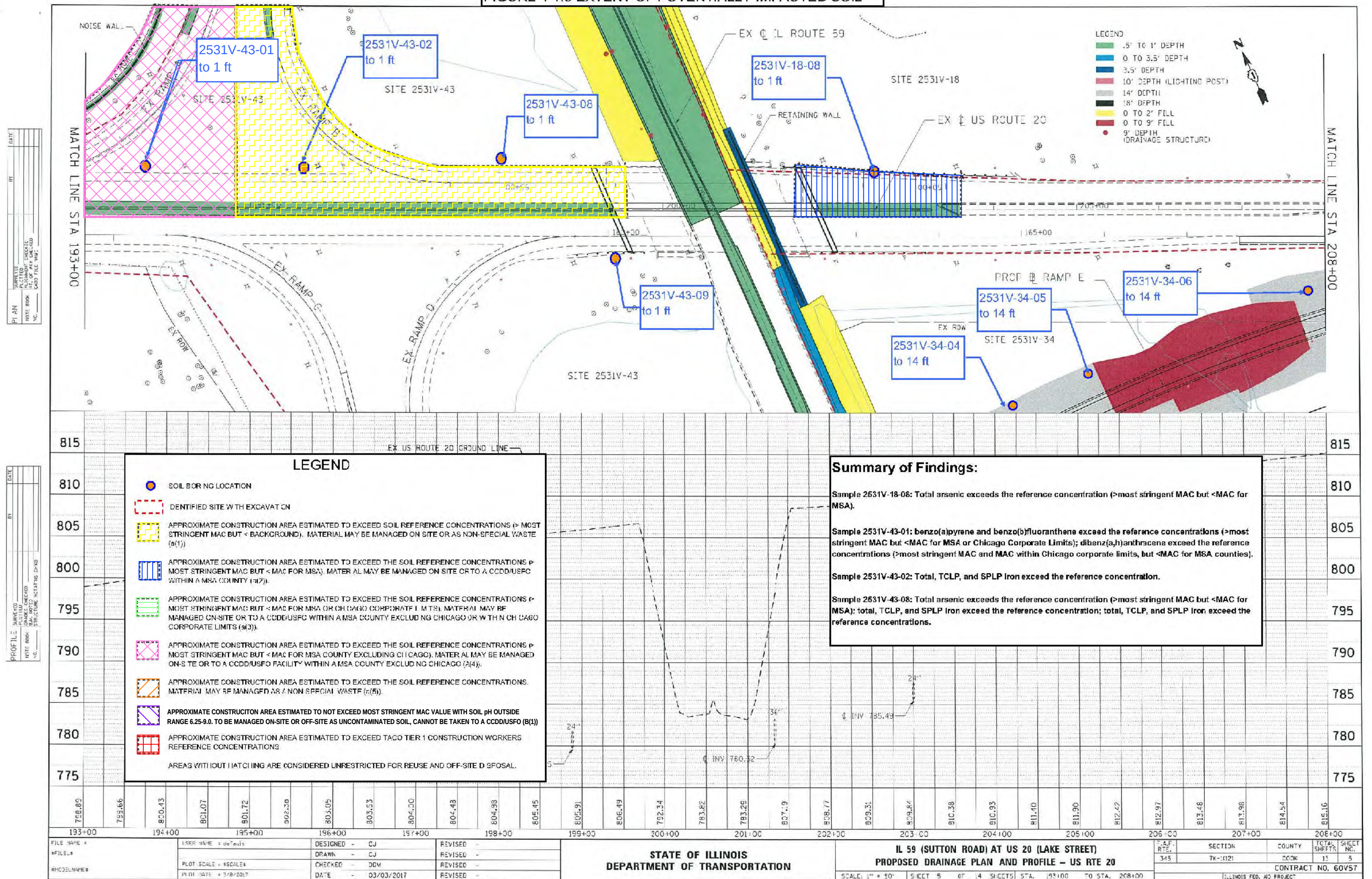
^{a/} Soil reference concentrations from MAC table. Background values for MSA counties are included as applicable.

^{b/} Soil Remediation Objective for Construction Workers, most stringent of the Ingestion or Inhalation exposure route.

^{c/} Soil Remediation Objective for the Groundwater Component of the Groundwater Ingestion Route, Class I Groundwater

Shaded values indicate concentration exceeds reference concentration

FIGURE 4-1.5 EXTENT OF POTENTIALLY IMPACTED SOIL



STAT Analysis Corporation

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

Report Date: August 19, 2017

Print Date: August 19, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-43-01 (0-1)

Work Order: 17080343 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL

Collection Date: 8/9/2017 10:35:00 AM

Lab ID: 17080343-002A

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS		SW5035/8260B		Prep Date: 8/11/2017		Analyst: JNM
Acetone	ND	0.079		mg/Kg-dry	1	8/16/2017
Benzene	ND	0.0052		mg/Kg-dry	1	8/16/2017
Bromodichloromethane	ND	0.0052		mg/Kg-dry	1	8/16/2017
Bromoform	ND	0.0052		mg/Kg-dry	1	8/16/2017
Bromomethane	ND	0.010		mg/Kg-dry	1	8/16/2017
2-Butanone	ND	0.079		mg/Kg-dry	1	8/16/2017
Carbon disulfide	ND	0.052		mg/Kg-dry	1	8/16/2017
Carbon tetrachloride	ND	0.0052		mg/Kg-dry	1	8/16/2017
Chlorobenzene	ND	0.0052		mg/Kg-dry	1	8/16/2017
Chloroethane	ND	0.010		mg/Kg-dry	1	8/16/2017
Chloroform	ND	0.0052		mg/Kg-dry	1	8/16/2017
Chloromethane	ND	0.010		mg/Kg-dry	1	8/16/2017
Dibromochloromethane	ND	0.0052		mg/Kg-dry	1	8/16/2017
1,1-Dichloroethane	ND	0.0052		mg/Kg-dry	1	8/16/2017
1,2-Dichloroethane	ND	0.0052		mg/Kg-dry	1	8/16/2017
1,1-Dichloroethene	ND	0.0052		mg/Kg-dry	1	8/16/2017
cis-1,2-Dichloroethene	ND	0.0052		mg/Kg-dry	1	8/16/2017
trans-1,2-Dichloroethene	ND	0.0052		mg/Kg-dry	1	8/16/2017
1,2-Dichloropropane	ND	0.0052		mg/Kg-dry	1	8/16/2017
cis-1,3-Dichloropropene	ND	0.0021		mg/Kg-dry	1	8/16/2017
trans-1,3-Dichloropropene	ND	0.0021		mg/Kg-dry	1	8/16/2017
Ethylbenzene	ND	0.0052		mg/Kg-dry	1	8/16/2017
2-Hexanone	ND	0.021		mg/Kg-dry	1	8/16/2017
4-Methyl-2-pentanone	ND	0.021		mg/Kg-dry	1	8/16/2017
Methylene chloride	ND	0.010		mg/Kg-dry	1	8/16/2017
Methyl tert-butyl ether	ND	0.0052		mg/Kg-dry	1	8/16/2017
Styrene	ND	0.0052		mg/Kg-dry	1	8/16/2017
1,1,2,2-Tetrachloroethane	ND	0.0052		mg/Kg-dry	1	8/16/2017
Tetrachloroethene	ND	0.0052		mg/Kg-dry	1	8/16/2017
Toluene	ND	0.0052		mg/Kg-dry	1	8/16/2017
1,1,1-Trichloroethane	ND	0.0052		mg/Kg-dry	1	8/16/2017
1,1,2-Trichloroethane	ND	0.0052		mg/Kg-dry	1	8/16/2017
Trichloroethene	ND	0.0052		mg/Kg-dry	1	8/16/2017
Vinyl chloride	ND	0.0052		mg/Kg-dry	1	8/16/2017
Xylenes, Total	ND	0.016		mg/Kg-dry	1	8/16/2017

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

Report Date: August 19, 2017

Print Date: August 19, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-43-01 (0-1)

Work Order: 17080343 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL

Collection Date: 8/9/2017 10:35:00 AM

Lab ID: 17080343-002B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed

Semivolatile Organic Compounds by GC/MS	SW8270C (SW3550B)			Prep Date: 8/12/2017		Analyst: DM

Acenaphthene	0.038	0.037		mg/Kg-dry	1	8/15/2017
Acenaphthylene	ND	0.037		mg/Kg-dry	1	8/15/2017
Aniline	ND	0.38		mg/Kg-dry	1	8/15/2017
Anthracene	0.14	0.037		mg/Kg-dry	1	8/15/2017
Benz(a)anthracene	0.81	0.037		mg/Kg-dry	1	8/15/2017
Benidine	ND	0.37		mg/Kg-dry	1	8/15/2017
Benzo(a)pyrene	0.96	0.037		mg/Kg-dry	1	8/15/2017
Benzo(b)fluoranthene	0.98	0.037		mg/Kg-dry	1	8/15/2017
Benzo(g,h,i)perylene	1.1	0.037		mg/Kg-dry	1	8/15/2017
Benzo(k)fluoranthene	1.2	0.037		mg/Kg-dry	1	8/15/2017
Benzoic acid	ND	0.94		mg/Kg-dry	1	8/15/2017
Benzyl alcohol	ND	0.19		mg/Kg-dry	1	8/15/2017
Bis(2-chloroethoxy)methane	ND	0.19		mg/Kg-dry	1	8/15/2017
Bis(2-chloroethyl)ether	ND	0.19		mg/Kg-dry	1	8/15/2017
Bis(2-ethylhexyl)phthalate	ND	0.94		mg/Kg-dry	1	8/15/2017
4-Bromophenyl phenyl ether	ND	0.19		mg/Kg-dry	1	8/15/2017
Butyl benzyl phthalate	ND	0.19		mg/Kg-dry	1	8/15/2017
Carbazole	ND	0.19		mg/Kg-dry	1	8/15/2017
4-Chloroaniline	ND	0.19		mg/Kg-dry	1	8/15/2017
4-Chloro-3-methylphenol	ND	0.37		mg/Kg-dry	1	8/15/2017
2-Chloronaphthalene	ND	0.19		mg/Kg-dry	1	8/15/2017
2-Chlorophenol	ND	0.19		mg/Kg-dry	1	8/15/2017
4-Chlorophenyl phenyl ether	ND	0.19		mg/Kg-dry	1	8/15/2017
Chrysene	1.1	0.037		mg/Kg-dry	1	8/15/2017
Dibenz(a,h)anthracene	0.41	0.037		mg/Kg-dry	1	8/15/2017
Dibenzofuran	ND	0.19		mg/Kg-dry	1	8/15/2017
1,2-Dichlorobenzene	ND	0.19		mg/Kg-dry	1	8/15/2017
1,3-Dichlorobenzene	ND	0.19		mg/Kg-dry	1	8/15/2017
1,4-Dichlorobenzene	ND	0.19		mg/Kg-dry	1	8/15/2017
3,3'-Dichlorobenzidine	ND	0.19		mg/Kg-dry	1	8/15/2017
2,4-Dichlorophenol	ND	0.19		mg/Kg-dry	1	8/15/2017
Diethyl phthalate	ND	0.19		mg/Kg-dry	1	8/15/2017
2,4-Dimethylphenol	ND	0.19		mg/Kg-dry	1	8/15/2017
Dimethyl phthalate	ND	0.19		mg/Kg-dry	1	8/15/2017
4,6-Dinitro-2-methylphenol	ND	0.37		mg/Kg-dry	1	8/15/2017
2,4-Dinitrophenol	ND	0.94		mg/Kg-dry	1	8/15/2017
2,4-Dinitrotoluene	ND	0.037		mg/Kg-dry	1	8/15/2017
2,6-Dinitrotoluene	ND	0.037		mg/Kg-dry	1	8/15/2017

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

Report Date: August 19, 2017

Print Date: August 19, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-43-01 (0-1)

Work Order: 17080343 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL

Collection Date: 8/9/2017 10:35:00 AM

Lab ID: 17080343-002B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed

Semivolatile Organic Compounds by GC/MS SW8270C (SW3550B) Prep Date: 8/12/2017 Analyst: DM

Di-n-butyl phthalate	ND	0.19		mg/Kg-dry	1	8/15/2017
Di-n-octyl phthalate	ND	0.19		mg/Kg-dry	1	8/15/2017
Fluoranthene	2.1	0.037		mg/Kg-dry	1	8/15/2017
Fluorene	0.053	0.037		mg/Kg-dry	1	8/15/2017
Hexachlorobenzene	ND	0.19		mg/Kg-dry	1	8/15/2017
Hexachlorobutadiene	ND	0.19		mg/Kg-dry	1	8/15/2017
Hexachlorocyclopentadiene	ND	0.19		mg/Kg-dry	1	8/15/2017
Hexachloroethane	ND	0.19		mg/Kg-dry	1	8/15/2017
Indeno(1,2,3-cd)pyrene	0.86	0.037		mg/Kg-dry	1	8/15/2017
Isophorone	ND	0.19		mg/Kg-dry	1	8/15/2017
2-Methylnaphthalene	ND	0.19		mg/Kg-dry	1	8/15/2017
2-Methylphenol	ND	0.19		mg/Kg-dry	1	8/15/2017
4-Methylphenol	ND	0.19		mg/Kg-dry	1	8/15/2017
Naphthalene	ND	0.037		mg/Kg-dry	1	8/15/2017
2-Nitroaniline	ND	0.19		mg/Kg-dry	1	8/15/2017
3-Nitroaniline	ND	0.19		mg/Kg-dry	1	8/15/2017
4-Nitroaniline	ND	0.19		mg/Kg-dry	1	8/15/2017
2-Nitrophenol	ND	0.19		mg/Kg-dry	1	8/15/2017
4-Nitrophenol	ND	0.37		mg/Kg-dry	1	8/15/2017
Nitrobenzene	ND	0.037		mg/Kg-dry	1	8/15/2017
N-Nitrosodi-n-propylamine	ND	0.037		mg/Kg-dry	1	8/15/2017
N-Nitrosodimethylamine	ND	0.19		mg/Kg-dry	1	8/15/2017
N-Nitrosodiphenylamine	ND	0.19		mg/Kg-dry	1	8/15/2017
2, 2'-oxybis(1-Chloropropane)	ND	0.19		mg/Kg-dry	1	8/15/2017
Pentachlorophenol	ND	0.076		mg/Kg-dry	1	8/15/2017
Phenanthrene	0.95	0.037		mg/Kg-dry	1	8/15/2017
Phenol	ND	0.19		mg/Kg-dry	1	8/15/2017
Pyrene	1.6	0.037		mg/Kg-dry	1	8/15/2017
Pyridine	ND	0.76		mg/Kg-dry	1	8/15/2017
1,2,4-Trichlorobenzene	ND	0.19		mg/Kg-dry	1	8/15/2017
2,4,5-Trichlorophenol	ND	0.19		mg/Kg-dry	1	8/15/2017
2,4,6-Trichlorophenol	ND	0.19		mg/Kg-dry	1	8/15/2017

Metals by ICP/MS SW6020 (SW3050B) Prep Date: 8/11/2017 Analyst: JG

Aluminum	3700	20		mg/Kg-dry	10	8/15/2017
Antimony	ND	2.0		mg/Kg-dry	10	8/15/2017
Arsenic	4.2	1.0		mg/Kg-dry	10	8/15/2017
Barium	67	1.0		mg/Kg-dry	10	8/15/2017
Beryllium	ND	0.50		mg/Kg-dry	10	8/15/2017

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

Report Date: August 19, 2017

Print Date: August 19, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-43-01 (0-1)

Work Order: 17080343 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 8/9/2017 10:35:00 AM

Lab ID: 17080343-002B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed

Metals by ICP/MS

SW6020 (SW3050B)

Prep Date: 8/11/2017

Analyst: JG

Cadmium	0.92	0.50		mg/Kg-dry	10	8/15/2017
Calcium	160000	600		mg/Kg-dry	100	8/15/2017
Chromium	75	1.0		mg/Kg-dry	10	8/15/2017
Cobalt	5.7	1.0		mg/Kg-dry	10	8/15/2017
Copper	68	2.5		mg/Kg-dry	10	8/15/2017
Iron	24000	30		mg/Kg-dry	10	8/15/2017
Lead	41	0.50		mg/Kg-dry	10	8/15/2017
Magnesium	91000	30		mg/Kg-dry	10	8/15/2017
Manganese	590	1.0		mg/Kg-dry	10	8/15/2017
Nickel	18	1.0		mg/Kg-dry	10	8/15/2017
Potassium	630	30		mg/Kg-dry	10	8/15/2017
Selenium	ND	1.0		mg/Kg-dry	10	8/15/2017
Silver	ND	1.0		mg/Kg-dry	10	8/15/2017
Sodium	580	60		mg/Kg-dry	10	8/15/2017
Thallium	ND	1.0		mg/Kg-dry	10	8/15/2017
Vanadium	17	1.0		mg/Kg-dry	10	8/15/2017
Zinc	230	5.0		mg/Kg-dry	10	8/15/2017

SPLP Metals by ICP/MS

SW1312/6020 (SW3005A)

Prep Date: 8/16/2017

Analyst: JG

Arsenic	ND	0.0040		mg/L	2	8/18/2017
Barium	ND	0.020		mg/L	2	8/18/2017
Beryllium	ND	0.0020		mg/L	2	8/18/2017
Cadmium	ND	0.0020		mg/L	2	8/18/2017
Chromium	0.0045	0.0040		mg/L	2	8/18/2017
Cobalt	ND	0.0040		mg/L	2	8/18/2017
Copper	ND	0.040		mg/L	2	8/18/2017
Iron	2.8	0.10		mg/L	2	8/18/2017
Lead	0.0035	0.0020		mg/L	2	8/18/2017
Manganese	0.020	0.0040		mg/L	2	8/18/2017
Nickel	0.0044	0.0040		mg/L	2	8/18/2017
Selenium	ND	0.0040		mg/L	2	8/18/2017
Silver	ND	0.0040		mg/L	2	8/18/2017
Zinc	0.028	0.020		mg/L	2	8/18/2017

TCLP Metals by ICP/MS

SW1311/6020 (SW3005A)

Prep Date: 8/18/2017

Analyst: JG

Arsenic	ND	0.010		mg/L	5	8/18/2017
Barium	0.47	0.050		mg/L	5	8/18/2017
Beryllium	ND	0.0050		mg/L	5	8/18/2017
Cadmium	ND	0.0050		mg/L	5	8/18/2017

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

Report Date: August 19, 2017

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ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-43-01 (0-1)

Work Order: 17080343 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL

Collection Date: 8/9/2017 10:35:00 AM

Lab ID: 17080343-002B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
TCLP Metals by ICP/MS	SW1311/6020 (SW3005A)					Prep Date: 8/18/2017 Analyst: JG
Chromium	ND	0.010		mg/L	5	8/18/2017
Cobalt	0.014	0.010		mg/L	5	8/18/2017
Copper	ND	0.10		mg/L	5	8/18/2017
Iron	0.85	0.25		mg/L	5	8/18/2017
Lead	ND	0.0050		mg/L	5	8/18/2017
Manganese	4.3	0.010		mg/L	5	8/18/2017
Nickel	0.018	0.010		mg/L	5	8/18/2017
Selenium	ND	0.010		mg/L	5	8/18/2017
Silver	ND	0.010		mg/L	5	8/18/2017
Zinc	ND	0.10		mg/L	5	8/18/2017
TCLP Mercury	SW1311/7470A					Prep Date: 8/18/2017 Analyst: LB
Mercury	ND	0.00020		mg/L	1	8/18/2017
SPLP Mercury	SW1312/7470A					Prep Date: 8/16/2017 Analyst: LB
Mercury	ND	0.00025		mg/L	1	8/16/2017
Mercury	SW7471A					Prep Date: 8/15/2017 Analyst: LB
Mercury	ND	0.020		mg/Kg-dry	1	8/15/2017
pH (25 °C)	SW9045C					Prep Date: 8/15/2017 Analyst: PBG
pH	8.21			pH Units	1	8/15/2017
Percent Moisture	D2974					Prep Date: 8/14/2017 Analyst: KKA
Percent Moisture	11.9	0.2	*	wt%	1	8/15/2017

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



Illinois Environmental Protection Agency

Page 1 of 2

Bureau of Land • 1021 North Grand Avenue East • P.O. Box 19276 • Springfield • Illinois • 62794-9276

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: FAP 345 / US Route 20 at IL Route 59 Office Phone Number, if available: _____

Physical Site Location (address, including number and street): 2531V-33 (700-740 Olive); 2531V-43 (1200 Sutton); 2531V-56 (1-309 Monarch)
2531V-15 (1246 Sutton); 2531V-18 (648-676 White Oak/29W980 Lake/29W900 Block Lake); 2531V-32 (700 Block Lake); and 2531V-34-01 (700-800 Blocks Lake).

City: Bartlett/Streamwood State: IL Zip Code: 60103

County: Cook Township: T41N / Hanover

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

Latitude: 42.008291 Longitude: -88.203318
(Decimal Degrees) (-Decimal Degrees)

Identify how the lat/long data were determined:

☐ GPS ☐ Map Interpolation ☐ Photo Interpolation ☐ Survey ☒ Other

ISGS Public Land Survey System - Approximate Center of multiple addresses _____

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

II. Owner/Operator Information for Source Site

Site Owner

Name: Illinois Dept. of Transportation, District 1
Street Address: 201 W Center Court
PO Box: _____
City: Schaumburg State: IL
Zip Code: 60196 Phone: 847-705-4101
Contact: Sam Mead
Email, if available: Sam.Mead@illinois.gov

Site Operator

Name: Illinois Dept. of Transportation, District 1
Street Address: 201 W Center Court
PO Box: _____
City: Schaumburg State: IL
Zip Code: 60196 Phone: 847-705-4101
Contact: Sam Mead
Email, if available: Sam.Mead@illinois.gov

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: FAP 345 / US Route 20 at IL Route 59Latitude: 42.008291 Longitude: -88.203318Uncontaminated Site 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):

Refer to Figure 4-1-2, 4-1.3, 4-1.4, 4-1.5, 4-1.6, and 4-1.7 in the Final PSI Report and borings 2531V-15-01 (Sta 114+00 to 115+25); 2531V-18-08 (Sta 201+55 to 203+55); 2531V-32-03 (Sta 528+75 to 532+25); 2531V-33-06 (Sta 219+40 to 220+40); 2531V-34-01 (Sta 93+00 to 93+90); 2531V-43-05 (Sta 103+70 to 105+85); 2531V-43-11; 2531V-56-03 (Sta 190+95 to 193+00); and 2531V-56-09 (Sta 108+25 to 110+45).

- 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]:

Refer to Tables 4-2 and 4-3 in the Final PSI Report for results summary and STAT Laboratory Report #17070839; #17080286; #17080343; and #17080266. Site specific table of results is attached to this form.

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

I, Jeremy J. Reynolds, P.G. (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: Huff & Huff, Inc. / GZA GeoEnvironmental, Inc.Street Address: 915 Harger Road, Suite 330City: Oak Brook State: IL Zip Code: 60523Phone: 630-684-9100

Jeremy J. Reynolds, P.G.

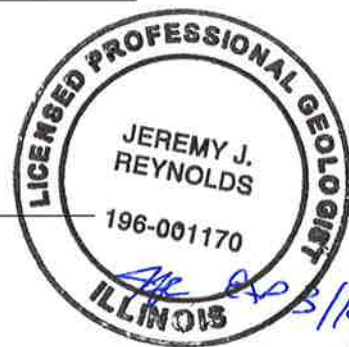
Printed Name:



Licensed Professional Engineer or
Licensed Professional Geologist Signature:

8/24/17

Date:



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

LPC-663 Results Table for Sites 2531V-15+01, 18-08, 32-03, 33-06, 34-01, 43-05, 43-11, 56-03, 56-09
Soils for Reuse or Disposal Including CCDD/USFO Facilities in MSA Counties including Chicago

Boring ID	2531V-15-01	2531V-18-08	2531V-32-03	2531V-33-06	2531V-43-05	2531V-43-05	2531V-43-11	2531V-43-11	2531V-56-03	2531V-56-03	2531V-56-03	2531V-56-09	Soil Reference Concentrations ^{a/}
Sample Depth, ft	0-6	0-1	0-1	0-1	0-5	5-9	0-5	5-9	0-6	6-12	12-18	0-6	
Sample Date	8/7/17	8/9/17	8/8/17	8/8/17	8/7/17	8/7/17	8/7/17	8/7/17	8/9/17	8/9/17	8/9/17	8/9/17	
Excavation Area(s) [ISGS Site No.(s)]	2531V-15	2531V-18	2531V-32	2531V-33	2531V-43	2531V-43	2531V-43	2531V-43	2531V-56	2531V-56	2531V-56	2531V-56	
Parameter													
Laboratory soil pH (s.u.)	8.08	7.91	8.66	7.91	8.38	8.41	8.04	7.53	8.74	8.76	8.77	8.59	<6.25, >9.0
VOCs (mg/kg)	NO EXCEEDANCES												
SVOCs, mg/kg													
benzo(a)anthracene	< 0.039	< 0.038	0.16	< 0.039	< 0.038	< 0.038	< 0.037	< 0.040	< 0.036	< 0.037	< 0.034	< 0.037	0.9 / 1.1 / 1.8
Benzo(a)pyrene	< 0.039	< 0.038	0.069	< 0.039	< 0.038	< 0.038	< 0.037	< 0.040	< 0.036	< 0.037	< 0.034	< 0.037	0.09 / 1.3 / 2.1
Benzo(b)fluoranthene	< 0.039	< 0.038	0.094	< 0.039	< 0.038	< 0.038	< 0.037	< 0.040	< 0.036	< 0.037	< 0.034	< 0.037	0.9 / 1.5 / 2.1
Dibenz(a,h)anthracene	< 0.039	< 0.038	0.13	< 0.039	< 0.038	< 0.038	< 0.037	< 0.040	< 0.036	< 0.037	< 0.034	< 0.037	0.09 / 0.2 / 0.42
Total Metals, mg/kg													
Arsenic	8.0	12	7.5	12	8.5	4.7	8.7	9.0	5.3	13	4.7	13	11.3 / 13
Chromium	17	22	36	24	21	12	17	17	11	5.6	6.0	17	21
Cobalt	7.7	15	11	14	13	7.0	11	9.1	6.7	3.9	3.2	12	20
Iron	20000	30000	23000	30000	28000	14000	22000	21000	14000	19000	10000	21000	15,000 / 15,900
Lead	15	23	44	33	58	7.1	31	12	7.9	7.4	4.2	33	107
Manganese	530	550	650	730	600	390	620	540	440	360	370	910	630 / 636
TCLP Metals, mg/L													Class I Groundwater ^{c/}
Cadmium	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	0.005
Iron	< 0.25	0.67	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	5
Lead	< 0.0050	0.0057	< 0.0050	< 0.0050	0.0091	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	0.0075
Manganese	3.9	7.1	0.75	0.077	6.6	3.9	11	9.7	4.5	2.2	1.7	0.69	0.15
Nickel	0.059	0.015	< 0.010	< 0.010	0.022	0.048	0.019	0.036	0.047	0.041	0.025	< 0.010	0.1
Zinc	< 0.050	< 0.10	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.10	< 0.10	< 0.050	5
SPLP Metals, mg/L													
Iron	5.9	0.62	10	3.0	16	8.7	16	5.9	17	< 0.10	< 0.10	11	5
Lead	0.0031	< 0.0020	0.0050	0.0023	0.017	0.0030	0.014	0.0029	0.0080	< 0.0020	< 0.0020	0.0073	0.0075
Manganese	0.029	1.2	0.053	0.028	0.18	0.076	0.20	0.094	0.19	< 0.0040	< 0.0040	0.086	0.15

--- - Refers to not applicable or value not available

Note: only samples and parameters with exceedances impacting construction activities are presented on this Figure; see Tables C-1 and C-2 In Appendix C for comprehensive analytical report tables of all samples and constituents analyzed.

Organic Soil Reference Concentrations (XX.XX / XX.XX / XX.XX) Include the Most Stringent Values from the MAC Table / The Chicago Corporate Limit / and The MSA County Excluding Chicago Values From the MAC Table

Inorganic Soil Reference Concentrations (xx.xx / xx.xx) Include the Most Stringent values from the MAC Table / and the MSA County Value From the MAC Table as Applicable

a/ Soil reference concentrations from MAC table. Background values for MSA counties are included as applicable.

b/ Soil Remediation Objective for Construction Workers, most stringent of the Ingestion or Inhalation exposure route.

c/ Soil Remediation Objective for the Groundwater Component of the Groundwater Ingestion Route, Class I Groundwater

Shaded values indicate concentration exceeds reference concentration

FIGURE 4-1.2 EXTENT OF POTENTIALLY IMPACTED SOIL

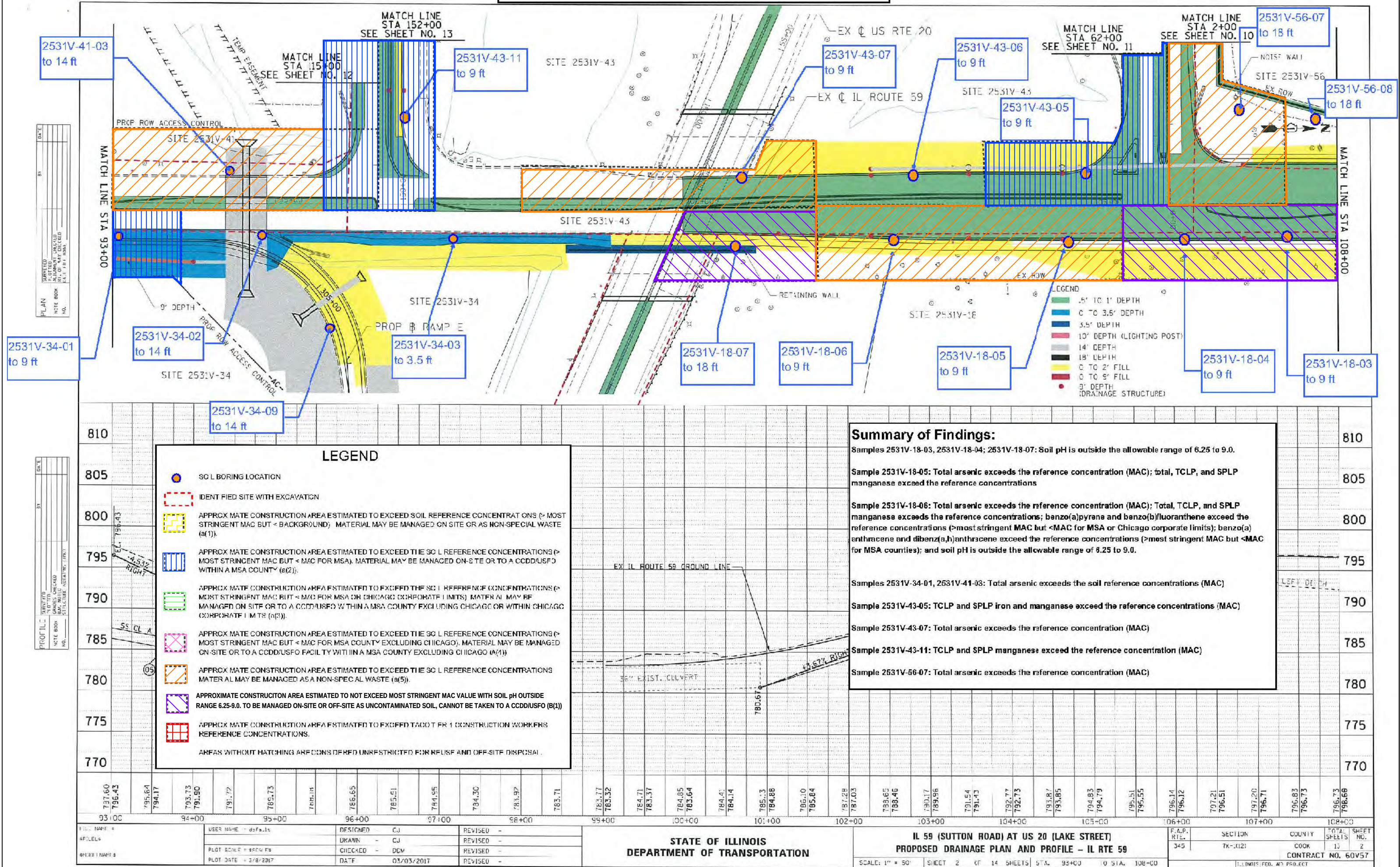


FIGURE 4-1.3 EXTENT OF POTENTIALLY IMPACTED SOIL

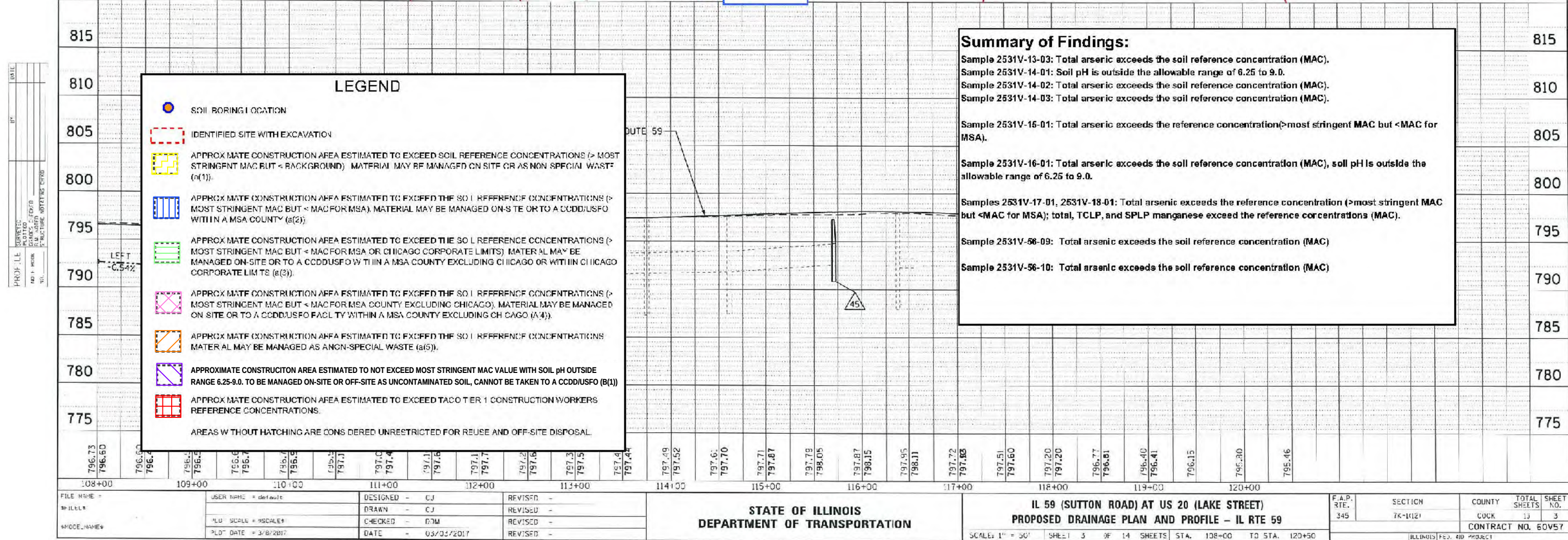
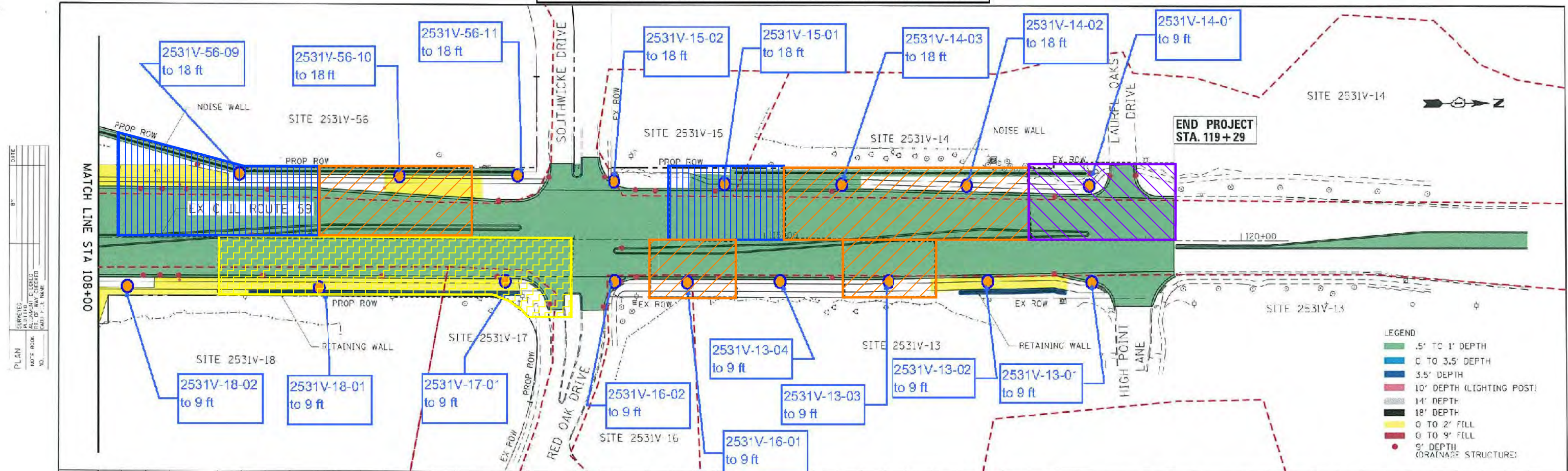


FIGURE 4-1.5 EXTENT OF POTENTIALLY IMPACTED SOIL

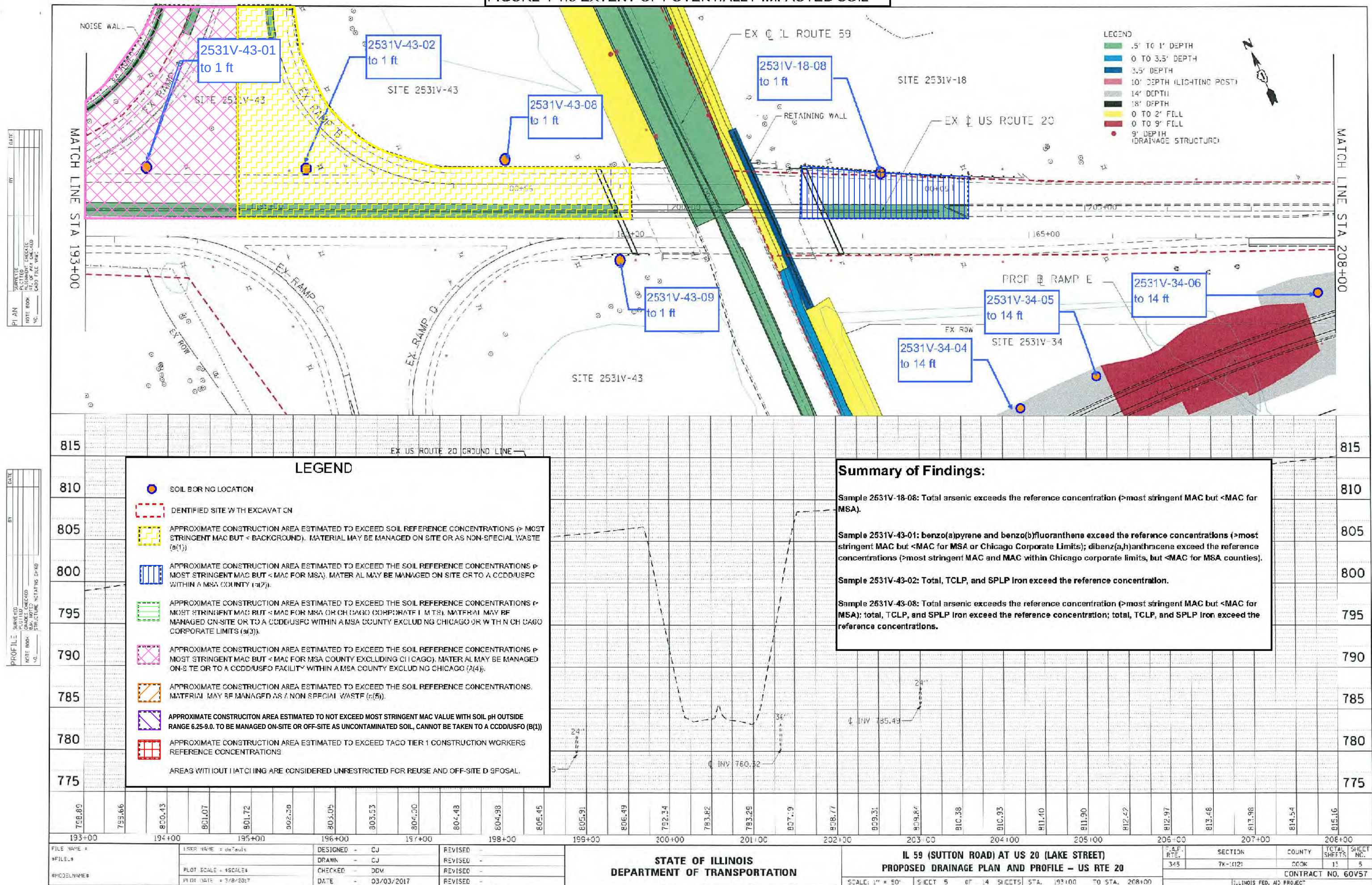


FIGURE 4-1.6 EXTENT OF POTENTIALLY IMPACTED SOIL

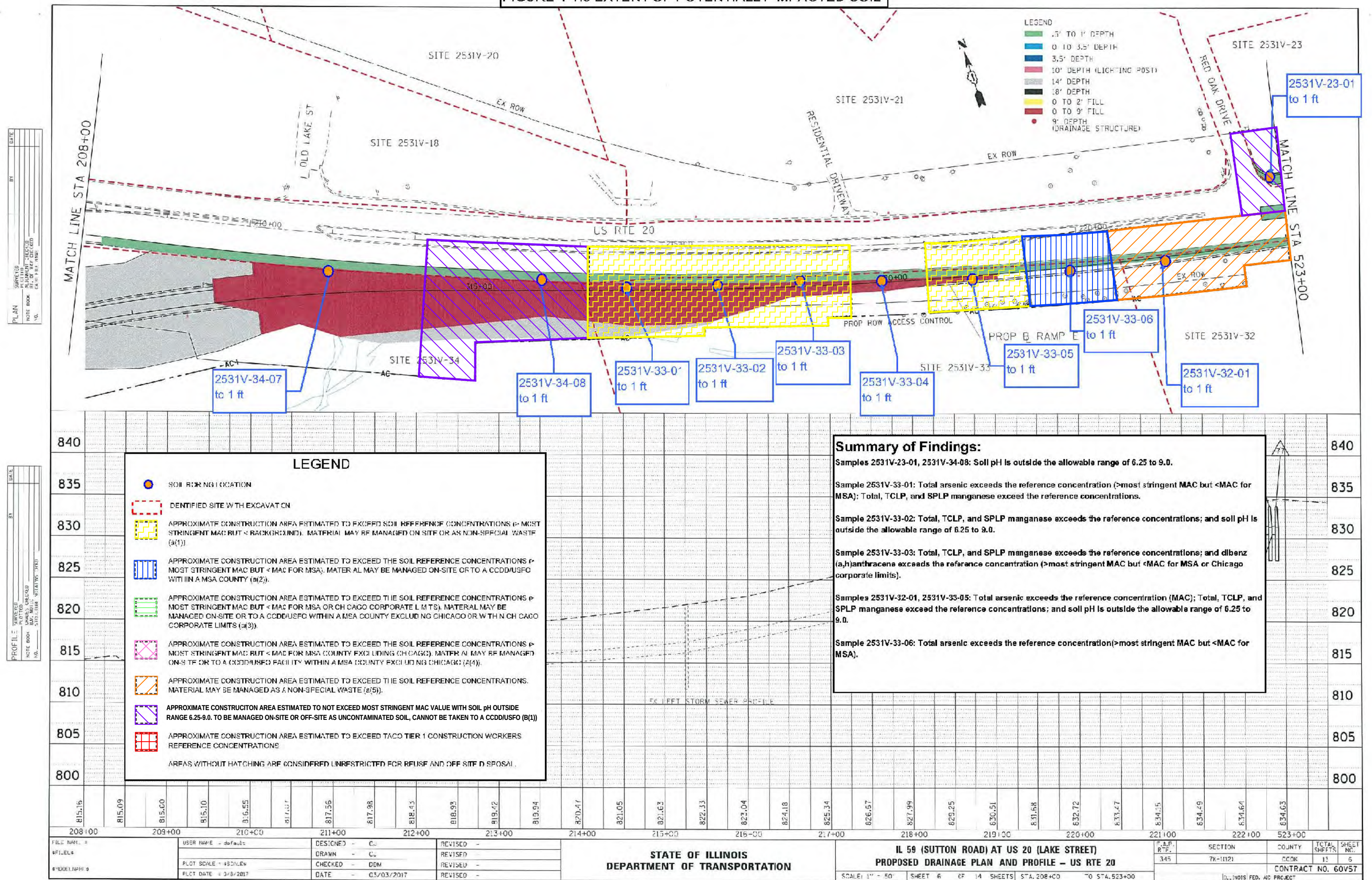
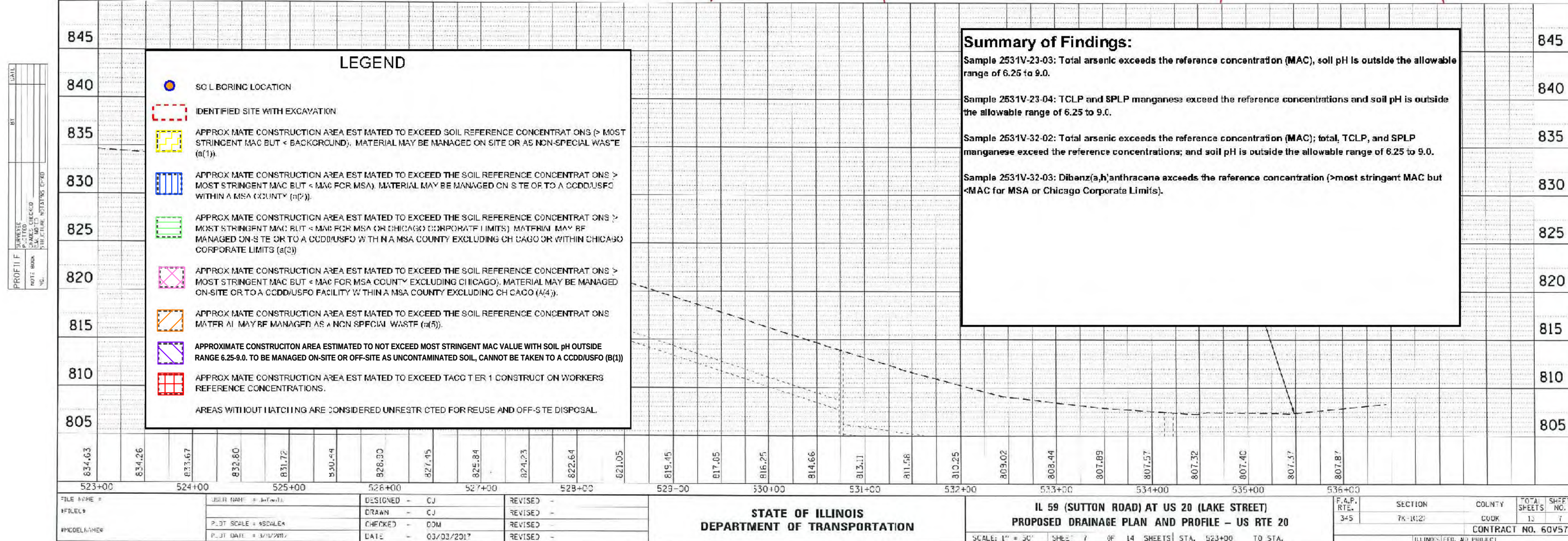
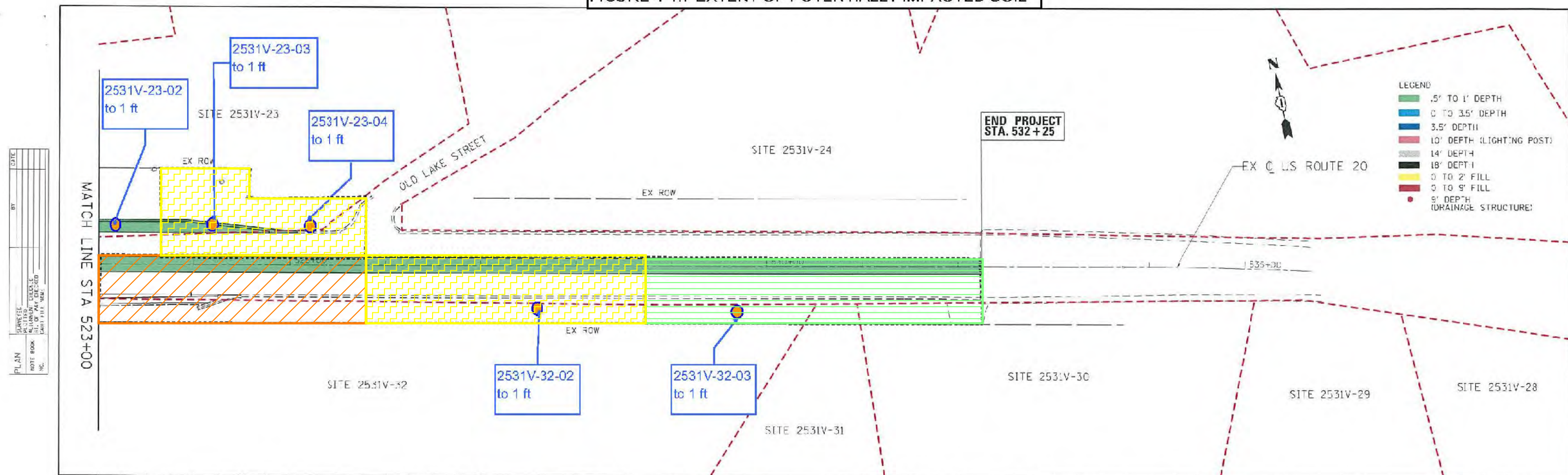


FIGURE 4-1.7 EXTENT OF POTENTIALLY IMPACTED SOIL



STAT Analysis Corporation

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

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

Report Date: August 18, 2017

Print Date: August 18, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-15-01 (0-6)

Work Order: 17080286 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 8/7/2017 10:19:00 AM

Lab ID: 17080286-009A

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS		SW5035/8260B		Prep Date: 8/9/2017		Analyst: RRS
Acetone	0.099	0.074		mg/Kg-dry	1	8/15/2017
Benzene	ND	0.0049		mg/Kg-dry	1	8/15/2017
Bromodichloromethane	ND	0.0049		mg/Kg-dry	1	8/15/2017
Bromoform	ND	0.0049		mg/Kg-dry	1	8/15/2017
Bromomethane	ND	0.0099		mg/Kg-dry	1	8/15/2017
2-Butanone	ND	0.074		mg/Kg-dry	1	8/15/2017
Carbon disulfide	ND	0.049		mg/Kg-dry	1	8/15/2017
Carbon tetrachloride	ND	0.0049		mg/Kg-dry	1	8/15/2017
Chlorobenzene	ND	0.0049		mg/Kg-dry	1	8/15/2017
Chloroethane	ND	0.0099		mg/Kg-dry	1	8/15/2017
Chloroform	ND	0.0049		mg/Kg-dry	1	8/15/2017
Chloromethane	ND	0.0099		mg/Kg-dry	1	8/15/2017
Dibromochloromethane	ND	0.0049		mg/Kg-dry	1	8/15/2017
1,1-Dichloroethane	ND	0.0049		mg/Kg-dry	1	8/15/2017
1,2-Dichloroethane	ND	0.0049		mg/Kg-dry	1	8/15/2017
1,1-Dichloroethene	ND	0.0049		mg/Kg-dry	1	8/15/2017
cis-1,2-Dichloroethene	ND	0.0049		mg/Kg-dry	1	8/15/2017
trans-1,2-Dichloroethene	ND	0.0049		mg/Kg-dry	1	8/15/2017
1,2-Dichloropropane	ND	0.0049		mg/Kg-dry	1	8/15/2017
cis-1,3-Dichloropropene	ND	0.0020		mg/Kg-dry	1	8/15/2017
trans-1,3-Dichloropropene	ND	0.0020		mg/Kg-dry	1	8/15/2017
Ethylbenzene	ND	0.0049		mg/Kg-dry	1	8/15/2017
2-Hexanone	ND	0.020		mg/Kg-dry	1	8/15/2017
4-Methyl-2-pentanone	ND	0.020		mg/Kg-dry	1	8/15/2017
Methylene chloride	ND	0.0099		mg/Kg-dry	1	8/15/2017
Methyl tert-butyl ether	ND	0.0049		mg/Kg-dry	1	8/15/2017
Styrene	ND	0.0049		mg/Kg-dry	1	8/15/2017
1,1,2,2-Tetrachloroethane	ND	0.0049		mg/Kg-dry	1	8/15/2017
Tetrachloroethene	ND	0.0049		mg/Kg-dry	1	8/15/2017
Toluene	ND	0.0049		mg/Kg-dry	1	8/15/2017
1,1,1-Trichloroethane	ND	0.0049		mg/Kg-dry	1	8/15/2017
1,1,2-Trichloroethane	ND	0.0049		mg/Kg-dry	1	8/15/2017
Trichloroethene	ND	0.0049		mg/Kg-dry	1	8/15/2017
Vinyl chloride	ND	0.0049		mg/Kg-dry	1	8/15/2017
Xylenes, Total	ND	0.015		mg/Kg-dry	1	8/15/2017

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

HT - Sample received past holding time

* - Non-accredited parameter

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

Report Date: August 18, 2017

Print Date: August 18, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-15-01 (0-6)

Work Order: 17080286 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL

Collection Date: 8/7/2017 10:19:00 AM

Lab ID: 17080286-009B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS		SW8270C (SW3550B)		Prep Date: 8/10/2017		Analyst: MEP
Acenaphthene	ND	0.039		mg/Kg-dry	1	8/13/2017
Acenaphthylene	ND	0.039		mg/Kg-dry	1	8/13/2017
Aniline	ND	0.39		mg/Kg-dry	1	8/13/2017
Anthracene	ND	0.039		mg/Kg-dry	1	8/13/2017
Benz(a)anthracene	ND	0.039		mg/Kg-dry	1	8/13/2017
Benzidine	ND	0.39		mg/Kg-dry	1	8/13/2017
Benzo(a)pyrene	ND	0.039		mg/Kg-dry	1	8/13/2017
Benzo(b)fluoranthene	ND	0.039		mg/Kg-dry	1	8/13/2017
Benzo(g,h,i)perylene	ND	0.039		mg/Kg-dry	1	8/13/2017
Benzo(k)fluoranthene	ND	0.039		mg/Kg-dry	1	8/13/2017
Benzoic acid	ND	0.98		mg/Kg-dry	1	8/13/2017
Benzyl alcohol	ND	0.20		mg/Kg-dry	1	8/13/2017
Bis(2-chloroethoxy)methane	ND	0.20		mg/Kg-dry	1	8/13/2017
Bis(2-chloroethyl)ether	ND	0.20		mg/Kg-dry	1	8/13/2017
Bis(2-ethylhexyl)phthalate	ND	0.98		mg/Kg-dry	1	8/13/2017
4-Bromophenyl phenyl ether	ND	0.20		mg/Kg-dry	1	8/13/2017
Butyl benzyl phthalate	ND	0.20		mg/Kg-dry	1	8/13/2017
Carbazole	ND	0.20		mg/Kg-dry	1	8/13/2017
4-Chloroaniline	ND	0.20		mg/Kg-dry	1	8/13/2017
4-Chloro-3-methylphenol	ND	0.39		mg/Kg-dry	1	8/13/2017
2-Chloronaphthalene	ND	0.20		mg/Kg-dry	1	8/13/2017
2-Chlorophenol	ND	0.20		mg/Kg-dry	1	8/13/2017
4-Chlorophenyl phenyl ether	ND	0.20		mg/Kg-dry	1	8/13/2017
Chrysene	ND	0.039		mg/Kg-dry	1	8/13/2017
Dibenz(a,h)anthracene	ND	0.039		mg/Kg-dry	1	8/13/2017
Dibenzofuran	ND	0.20		mg/Kg-dry	1	8/13/2017
1,2-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	8/13/2017
1,3-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	8/13/2017
1,4-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	8/13/2017
3,3'-Dichlorobenzidine	ND	0.20		mg/Kg-dry	1	8/13/2017
2,4-Dichlorophenol	ND	0.20		mg/Kg-dry	1	8/13/2017
Diethyl phthalate	ND	0.20		mg/Kg-dry	1	8/13/2017
2,4-Dimethylphenol	ND	0.20		mg/Kg-dry	1	8/13/2017
Dimethyl phthalate	ND	0.20		mg/Kg-dry	1	8/13/2017
4,6-Dinitro-2-methylphenol	ND	0.39		mg/Kg-dry	1	8/13/2017
2,4-Dinitrophenol	ND	0.98		mg/Kg-dry	1	8/13/2017
2,4-Dinitrotoluene	ND	0.039		mg/Kg-dry	1	8/13/2017
2,6-Dinitrotoluene	ND	0.039		mg/Kg-dry	1	8/13/2017

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

HT - Sample received past holding time

* - Non-accredited parameter

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

Report Date: August 18, 2017

Print Date: August 18, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-15-01 (0-6)

Work Order: 17080286 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL

Collection Date: 8/7/2017 10:19:00 AM

Lab ID: 17080286-009B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS						
	SW8270C (SW3550B)					Prep Date: 8/10/2017 Analyst: MEP
Di-n-butyl phthalate	ND	0.20		mg/Kg-dry	1	8/13/2017
Di-n-octyl phthalate	ND	0.20		mg/Kg-dry	1	8/13/2017
Fluoranthene	ND	0.039		mg/Kg-dry	1	8/13/2017
Fluorene	ND	0.039		mg/Kg-dry	1	8/13/2017
Hexachlorobenzene	ND	0.20		mg/Kg-dry	1	8/13/2017
Hexachlorobutadiene	ND	0.20		mg/Kg-dry	1	8/13/2017
Hexachlorocyclopentadiene	ND	0.20		mg/Kg-dry	1	8/13/2017
Hexachloroethane	ND	0.20		mg/Kg-dry	1	8/13/2017
Indeno(1,2,3-cd)pyrene	ND	0.039		mg/Kg-dry	1	8/13/2017
Isophorone	ND	0.20		mg/Kg-dry	1	8/13/2017
2-Methylnaphthalene	ND	0.20		mg/Kg-dry	1	8/13/2017
2-Methylphenol	ND	0.20		mg/Kg-dry	1	8/13/2017
4-Methylphenol	ND	0.20		mg/Kg-dry	1	8/13/2017
Naphthalene	ND	0.039		mg/Kg-dry	1	8/13/2017
2-Nitroaniline	ND	0.20		mg/Kg-dry	1	8/13/2017
3-Nitroaniline	ND	0.20		mg/Kg-dry	1	8/13/2017
4-Nitroaniline	ND	0.20		mg/Kg-dry	1	8/13/2017
2-Nitrophenol	ND	0.20		mg/Kg-dry	1	8/13/2017
4-Nitrophenol	ND	0.39		mg/Kg-dry	1	8/13/2017
Nitrobenzene	ND	0.039		mg/Kg-dry	1	8/13/2017
N-Nitrosodi-n-propylamine	ND	0.039		mg/Kg-dry	1	8/13/2017
N-Nitrosodimethylamine	ND	0.20		mg/Kg-dry	1	8/13/2017
N-Nitrosodiphenylamine	ND	0.20		mg/Kg-dry	1	8/13/2017
2, 2'-oxybis(1-Chloropropane)	ND	0.20		mg/Kg-dry	1	8/13/2017
Pentachlorophenol	ND	0.079		mg/Kg-dry	1	8/13/2017
Phenanthrene	ND	0.039		mg/Kg-dry	1	8/13/2017
Phenol	ND	0.20		mg/Kg-dry	1	8/13/2017
Pyrene	ND	0.039		mg/Kg-dry	1	8/13/2017
Pyridine	ND	0.79		mg/Kg-dry	1	8/13/2017
1,2,4-Trichlorobenzene	ND	0.20		mg/Kg-dry	1	8/13/2017
2,4,5-Trichlorophenol	ND	0.20		mg/Kg-dry	1	8/13/2017
2,4,6-Trichlorophenol	ND	0.20		mg/Kg-dry	1	8/13/2017
Metals by ICP/MS						
	SW6020 (SW3050B)					Prep Date: 8/10/2017 Analyst: JG
Aluminum	10000	20		mg/Kg-dry	10	8/13/2017
Antimony	ND	2.0		mg/Kg-dry	10	8/13/2017
Arsenic	8.0	0.99		mg/Kg-dry	10	8/13/2017
Barium	99	0.99		mg/Kg-dry	10	8/13/2017
Beryllium	0.55	0.50		mg/Kg-dry	10	8/13/2017

Qualifiers:

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Report Date: August 18, 2017

Print Date: August 18, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-15-01 (0-6)

Work Order: 17080286 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 8/7/2017 10:19:00 AM

Lab ID: 17080286-009B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed

Metals by ICP/MS

SW6020 (SW3050B)

Prep Date: 8/10/2017

Analyst: JG

Cadmium	ND	0.50		mg/Kg-dry	10	8/13/2017
Calcium	36000	59		mg/Kg-dry	10	8/13/2017
Chromium	17	0.99		mg/Kg-dry	10	8/13/2017
Cobalt	7.7	0.99		mg/Kg-dry	10	8/13/2017
Copper	20	2.5		mg/Kg-dry	10	8/13/2017
Iron	20000	30		mg/Kg-dry	10	8/13/2017
Lead	15	0.50		mg/Kg-dry	10	8/13/2017
Magnesium	20000	30		mg/Kg-dry	10	8/13/2017
Manganese	530	0.99		mg/Kg-dry	10	8/13/2017
Nickel	20	0.99		mg/Kg-dry	10	8/13/2017
Potassium	1200	30		mg/Kg-dry	10	8/13/2017
Selenium	ND	0.99		mg/Kg-dry	10	8/13/2017
Silver	ND	0.99		mg/Kg-dry	10	8/13/2017
Sodium	130	59		mg/Kg-dry	10	8/13/2017
Thallium	ND	0.99		mg/Kg-dry	10	8/13/2017
Vanadium	27	0.99		mg/Kg-dry	10	8/13/2017
Zinc	65	5.0		mg/Kg-dry	10	8/13/2017

SPLP Metals by ICP/MS

SW1312/6020 (SW3005A)

Prep Date: 8/12/2017

Analyst: JG

Arsenic	ND	0.0040		mg/L	2	8/16/2017
Barium	0.024	0.020		mg/L	2	8/16/2017
Beryllium	ND	0.0020		mg/L	2	8/16/2017
Cadmium	ND	0.0020		mg/L	2	8/16/2017
Chromium	0.0083	0.0040		mg/L	2	8/16/2017
Cobalt	ND	0.0040		mg/L	2	8/16/2017
Copper	ND	0.040		mg/L	2	8/16/2017
Iron	5.9	0.10		mg/L	2	8/16/2017
Lead	0.0031	0.0020		mg/L	2	8/16/2017
Manganese	0.029	0.0040		mg/L	2	8/16/2017
Nickel	0.0048	0.0040		mg/L	2	8/16/2017
Selenium	ND	0.0040		mg/L	2	8/16/2017
Silver	ND	0.0040		mg/L	2	8/16/2017
Zinc	0.056	0.020		mg/L	2	8/16/2017

TCLP Metals by ICP/MS

SW1311/6020 (SW3005A)

Prep Date: 8/16/2017

Analyst: JG

Arsenic	ND	0.010		mg/L	5	8/17/2017
Barium	0.57	0.050		mg/L	5	8/17/2017
Beryllium	ND	0.0050		mg/L	5	8/17/2017
Cadmium	ND	0.0050		mg/L	5	8/17/2017

Qualifiers:

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Report Date: August 18, 2017

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ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-15-01 (0-6)

Work Order: 17080286 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 8/7/2017 10:19:00 AM

Lab ID: 17080286-009B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
TCLP Metals by ICP/MS	SW1311/6020 (SW3005A)					Prep Date: 8/16/2017 Analyst: JG
Chromium	ND	0.010		mg/L	5	8/17/2017
Cobalt	0.039	0.010		mg/L	5	8/17/2017
Copper	ND	0.10		mg/L	5	8/17/2017
Iron	ND	0.25		mg/L	5	8/17/2017
Lead	ND	0.0050		mg/L	5	8/17/2017
Manganese	3.9	0.010		mg/L	5	8/17/2017
Nickel	0.059	0.010		mg/L	5	8/17/2017
Selenium	ND	0.010		mg/L	5	8/17/2017
Silver	ND	0.010		mg/L	5	8/17/2017
Zinc	ND	0.050		mg/L	5	8/17/2017
TCLP Mercury	SW1311/7470A					Prep Date: 8/16/2017 Analyst: LB
Mercury	ND	0.00020		mg/L	1	8/16/2017
SPLP Mercury	SW1312/7470A					Prep Date: 8/14/2017 Analyst: LB
Mercury	ND	0.00025		mg/L	1	8/14/2017
Mercury	SW7471A					Prep Date: 8/11/2017 Analyst: LB
Mercury	0.027	0.022		mg/Kg-dry	1	8/11/2017
pH (25 °C)	SW9045C					Prep Date: 8/14/2017 Analyst: RW
pH	8.08			pH Units	1	8/14/2017
Percent Moisture	D2974					Prep Date: 8/10/2017 Analyst: KKA
Percent Moisture	15.5	0.2	*	wt%	1	8/11/2017

Qualifiers:

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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
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E - Value above quantitation range
H - Holding time exceeded

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Report Date: August 18, 2017

Print Date: August 18, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-15-01 (6-12)

Work Order: 17080286 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL

Collection Date: 8/7/2017 10:23:00 AM

Lab ID: 17080286-010A

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS		SW5035/8260B		Prep Date: 8/9/2017		Analyst: RRS
Acetone	ND	0.078		mg/Kg-dry	1	8/15/2017
Benzene	ND	0.0052		mg/Kg-dry	1	8/15/2017
Bromodichloromethane	ND	0.0052		mg/Kg-dry	1	8/15/2017
Bromoform	ND	0.0052		mg/Kg-dry	1	8/15/2017
Bromomethane	ND	0.010		mg/Kg-dry	1	8/15/2017
2-Butanone	ND	0.078		mg/Kg-dry	1	8/15/2017
Carbon disulfide	ND	0.052		mg/Kg-dry	1	8/15/2017
Carbon tetrachloride	ND	0.0052		mg/Kg-dry	1	8/15/2017
Chlorobenzene	ND	0.0052		mg/Kg-dry	1	8/15/2017
Chloroethane	ND	0.010		mg/Kg-dry	1	8/15/2017
Chloroform	ND	0.0052		mg/Kg-dry	1	8/15/2017
Chloromethane	ND	0.010		mg/Kg-dry	1	8/15/2017
Dibromochloromethane	ND	0.0052		mg/Kg-dry	1	8/15/2017
1,1-Dichloroethane	ND	0.0052		mg/Kg-dry	1	8/15/2017
1,2-Dichloroethane	ND	0.0052		mg/Kg-dry	1	8/15/2017
1,1-Dichloroethene	ND	0.0052		mg/Kg-dry	1	8/15/2017
cis-1,2-Dichloroethene	ND	0.0052		mg/Kg-dry	1	8/15/2017
trans-1,2-Dichloroethene	ND	0.0052		mg/Kg-dry	1	8/15/2017
1,2-Dichloropropane	ND	0.0052		mg/Kg-dry	1	8/15/2017
cis-1,3-Dichloropropene	ND	0.0021		mg/Kg-dry	1	8/15/2017
trans-1,3-Dichloropropene	ND	0.0021		mg/Kg-dry	1	8/15/2017
Ethylbenzene	ND	0.0052		mg/Kg-dry	1	8/15/2017
2-Hexanone	ND	0.021		mg/Kg-dry	1	8/15/2017
4-Methyl-2-pentanone	ND	0.021		mg/Kg-dry	1	8/15/2017
Methylene chloride	ND	0.010		mg/Kg-dry	1	8/15/2017
Methyl tert-butyl ether	ND	0.0052		mg/Kg-dry	1	8/15/2017
Styrene	ND	0.0052		mg/Kg-dry	1	8/15/2017
1,1,2,2-Tetrachloroethane	ND	0.0052		mg/Kg-dry	1	8/15/2017
Tetrachloroethene	ND	0.0052		mg/Kg-dry	1	8/15/2017
Toluene	ND	0.0052		mg/Kg-dry	1	8/15/2017
1,1,1-Trichloroethane	ND	0.0052		mg/Kg-dry	1	8/15/2017
1,1,2-Trichloroethane	ND	0.0052		mg/Kg-dry	1	8/15/2017
Trichloroethene	ND	0.0052		mg/Kg-dry	1	8/15/2017
Vinyl chloride	ND	0.0052		mg/Kg-dry	1	8/15/2017
Xylenes, Total	ND	0.016		mg/Kg-dry	1	8/15/2017

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

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Report Date: August 18, 2017

Print Date: August 18, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-15-01 (6-12)

Work Order: 17080286 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 8/7/2017 10:23:00 AM

Lab ID: 17080286-010B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS		SW8270C (SW3550B)		Prep Date: 8/10/2017		Analyst: MEP
Acenaphthene	ND	0.041		mg/Kg-dry	1	8/13/2017
Acenaphthylene	ND	0.041		mg/Kg-dry	1	8/13/2017
Aniline	ND	0.41		mg/Kg-dry	1	8/13/2017
Anthracene	ND	0.041		mg/Kg-dry	1	8/13/2017
Benz(a)anthracene	ND	0.041		mg/Kg-dry	1	8/13/2017
Benzidine	ND	0.41		mg/Kg-dry	1	8/13/2017
Benzo(a)pyrene	ND	0.041		mg/Kg-dry	1	8/13/2017
Benzo(b)fluoranthene	ND	0.041		mg/Kg-dry	1	8/13/2017
Benzo(g,h,i)perylene	ND	0.041		mg/Kg-dry	1	8/13/2017
Benzo(k)fluoranthene	ND	0.041		mg/Kg-dry	1	8/13/2017
Benzoic acid	ND	1.0		mg/Kg-dry	1	8/13/2017
Benzyl alcohol	ND	0.21		mg/Kg-dry	1	8/13/2017
Bis(2-chloroethoxy)methane	ND	0.21		mg/Kg-dry	1	8/13/2017
Bis(2-chloroethyl)ether	ND	0.21		mg/Kg-dry	1	8/13/2017
Bis(2-ethylhexyl)phthalate	ND	1.0		mg/Kg-dry	1	8/13/2017
4-Bromophenyl phenyl ether	ND	0.21		mg/Kg-dry	1	8/13/2017
Butyl benzyl phthalate	ND	0.21		mg/Kg-dry	1	8/13/2017
Carbazole	ND	0.21		mg/Kg-dry	1	8/13/2017
4-Chloroaniline	ND	0.21		mg/Kg-dry	1	8/13/2017
4-Chloro-3-methylphenol	ND	0.41		mg/Kg-dry	1	8/13/2017
2-Chloronaphthalene	ND	0.21		mg/Kg-dry	1	8/13/2017
2-Chlorophenol	ND	0.21		mg/Kg-dry	1	8/13/2017
4-Chlorophenyl phenyl ether	ND	0.21		mg/Kg-dry	1	8/13/2017
Chrysene	ND	0.041		mg/Kg-dry	1	8/13/2017
Dibenz(a,h)anthracene	ND	0.041		mg/Kg-dry	1	8/13/2017
Dibenzofuran	ND	0.21		mg/Kg-dry	1	8/13/2017
1,2-Dichlorobenzene	ND	0.21		mg/Kg-dry	1	8/13/2017
1,3-Dichlorobenzene	ND	0.21		mg/Kg-dry	1	8/13/2017
1,4-Dichlorobenzene	ND	0.21		mg/Kg-dry	1	8/13/2017
3,3'-Dichlorobenzidine	ND	0.21		mg/Kg-dry	1	8/13/2017
2,4-Dichlorophenol	ND	0.21		mg/Kg-dry	1	8/13/2017
Diethyl phthalate	ND	0.21		mg/Kg-dry	1	8/13/2017
2,4-Dimethylphenol	ND	0.21		mg/Kg-dry	1	8/13/2017
Dimethyl phthalate	ND	0.21		mg/Kg-dry	1	8/13/2017
4,6-Dinitro-2-methylphenol	ND	0.41		mg/Kg-dry	1	8/13/2017
2,4-Dinitrophenol	ND	1.0		mg/Kg-dry	1	8/13/2017
2,4-Dinitrotoluene	ND	0.041		mg/Kg-dry	1	8/13/2017
2,6-Dinitrotoluene	ND	0.041		mg/Kg-dry	1	8/13/2017

Qualifiers:

ND - Not Detected at the Reporting Limit

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

Report Date: August 18, 2017

Print Date: August 18, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-15-01 (6-12)

Work Order: 17080286 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL

Collection Date: 8/7/2017 10:23:00 AM

Lab ID: 17080286-010B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS						
	SW8270C (SW3550B)					Prep Date: 8/10/2017 Analyst: MEP
Di-n-butyl phthalate	ND	0.21		mg/Kg-dry	1	8/13/2017
Di-n-octyl phthalate	ND	0.21		mg/Kg-dry	1	8/13/2017
Fluoranthene	ND	0.041		mg/Kg-dry	1	8/13/2017
Fluorene	ND	0.041		mg/Kg-dry	1	8/13/2017
Hexachlorobenzene	ND	0.21		mg/Kg-dry	1	8/13/2017
Hexachlorobutadiene	ND	0.21		mg/Kg-dry	1	8/13/2017
Hexachlorocyclopentadiene	ND	0.21		mg/Kg-dry	1	8/13/2017
Hexachloroethane	ND	0.21		mg/Kg-dry	1	8/13/2017
Indeno(1,2,3-cd)pyrene	ND	0.041		mg/Kg-dry	1	8/13/2017
Isophorone	ND	0.21		mg/Kg-dry	1	8/13/2017
2-Methylnaphthalene	ND	0.21		mg/Kg-dry	1	8/13/2017
2-Methylphenol	ND	0.21		mg/Kg-dry	1	8/13/2017
4-Methylphenol	ND	0.21		mg/Kg-dry	1	8/13/2017
Naphthalene	ND	0.041		mg/Kg-dry	1	8/13/2017
2-Nitroaniline	ND	0.21		mg/Kg-dry	1	8/13/2017
3-Nitroaniline	ND	0.21		mg/Kg-dry	1	8/13/2017
4-Nitroaniline	ND	0.21		mg/Kg-dry	1	8/13/2017
2-Nitrophenol	ND	0.21		mg/Kg-dry	1	8/13/2017
4-Nitrophenol	ND	0.41		mg/Kg-dry	1	8/13/2017
Nitrobenzene	ND	0.041		mg/Kg-dry	1	8/13/2017
N-Nitrosodi-n-propylamine	ND	0.041		mg/Kg-dry	1	8/13/2017
N-Nitrosodimethylamine	ND	0.21		mg/Kg-dry	1	8/13/2017
N-Nitrosodiphenylamine	ND	0.21		mg/Kg-dry	1	8/13/2017
2, 2'-oxybis(1-Chloropropane)	ND	0.21		mg/Kg-dry	1	8/13/2017
Pentachlorophenol	ND	0.083		mg/Kg-dry	1	8/13/2017
Phenanthrene	ND	0.041		mg/Kg-dry	1	8/13/2017
Phenol	ND	0.21		mg/Kg-dry	1	8/13/2017
Pyrene	ND	0.041		mg/Kg-dry	1	8/13/2017
Pyridine	ND	0.83		mg/Kg-dry	1	8/13/2017
1,2,4-Trichlorobenzene	ND	0.21		mg/Kg-dry	1	8/13/2017
2,4,5-Trichlorophenol	ND	0.21		mg/Kg-dry	1	8/13/2017
2,4,6-Trichlorophenol	ND	0.21		mg/Kg-dry	1	8/13/2017
Metals by ICP/MS						
	SW6020 (SW3050B)					Prep Date: 8/10/2017 Analyst: JG
Aluminum	12000	22		mg/Kg-dry	10	8/13/2017
Antimony	ND	2.2		mg/Kg-dry	10	8/13/2017
Arsenic	12	1.1		mg/Kg-dry	10	8/13/2017
Barium	110	1.1		mg/Kg-dry	10	8/13/2017
Beryllium	0.63	0.55		mg/Kg-dry	10	8/13/2017

Qualifiers:

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E - Value above quantitation range

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Report Date: August 18, 2017

Print Date: August 18, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-15-01 (6-12)

Work Order: 17080286 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL

Collection Date: 8/7/2017 10:23:00 AM

Lab ID: 17080286-010B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed

Metals by ICP/MS

SW6020 (SW3050B)

Prep Date: 8/10/2017

Analyst: JG

Cadmium	ND	0.55		mg/Kg-dry	10	8/13/2017
Calcium	29000	66		mg/Kg-dry	10	8/13/2017
Chromium	20	1.1		mg/Kg-dry	10	8/13/2017
Cobalt	10	1.1		mg/Kg-dry	10	8/13/2017
Copper	26	2.7		mg/Kg-dry	10	8/13/2017
Iron	33000	33		mg/Kg-dry	10	8/13/2017
Lead	16	0.55		mg/Kg-dry	10	8/13/2017
Magnesium	16000	33		mg/Kg-dry	10	8/13/2017
Manganese	710	1.1		mg/Kg-dry	10	8/13/2017
Nickel	32	1.1		mg/Kg-dry	10	8/13/2017
Potassium	1400	33		mg/Kg-dry	10	8/13/2017
Selenium	ND	1.1		mg/Kg-dry	10	8/13/2017
Silver	ND	1.1		mg/Kg-dry	10	8/13/2017
Sodium	130	66		mg/Kg-dry	10	8/13/2017
Thallium	ND	1.1		mg/Kg-dry	10	8/13/2017
Vanadium	32	1.1		mg/Kg-dry	10	8/13/2017
Zinc	77	5.5		mg/Kg-dry	10	8/13/2017

SPLP Metals by ICP/MS

SW1312/6020 (SW3005A)

Prep Date: 8/12/2017

Analyst: JG

Arsenic	ND	0.0040		mg/L	2	8/16/2017
Barium	ND	0.020		mg/L	2	8/16/2017
Beryllium	ND	0.0020		mg/L	2	8/16/2017
Cadmium	ND	0.0020		mg/L	2	8/16/2017
Chromium	ND	0.0040		mg/L	2	8/16/2017
Cobalt	ND	0.0040		mg/L	2	8/16/2017
Copper	ND	0.040		mg/L	2	8/16/2017
Iron	2.2	0.10		mg/L	2	8/16/2017
Lead	ND	0.0020		mg/L	2	8/16/2017
Manganese	0.0065	0.0040		mg/L	2	8/16/2017
Nickel	ND	0.0040		mg/L	2	8/16/2017
Selenium	ND	0.0040		mg/L	2	8/16/2017
Silver	ND	0.0040		mg/L	2	8/16/2017
Zinc	0.043	0.020		mg/L	2	8/16/2017

TCLP Metals by ICP/MS

SW1311/6020 (SW3005A)

Prep Date: 8/16/2017

Analyst: JG

Arsenic	ND	0.010		mg/L	5	8/17/2017
Barium	0.63	0.050		mg/L	5	8/17/2017
Beryllium	ND	0.0050		mg/L	5	8/17/2017
Cadmium	ND	0.0050		mg/L	5	8/17/2017

Qualifiers:

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Report Date: August 18, 2017

Print Date: August 18, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-15-01 (6-12)

Work Order: 17080286 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL

Collection Date: 8/7/2017 10:23:00 AM

Lab ID: 17080286-010B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
TCLP Metals by ICP/MS	SW1311/6020 (SW3005A)					Prep Date: 8/16/2017 Analyst: JG
Chromium	ND	0.010		mg/L	5	8/17/2017
Cobalt	ND	0.010		mg/L	5	8/17/2017
Copper	ND	0.10		mg/L	5	8/17/2017
Iron	ND	0.25		mg/L	5	8/17/2017
Lead	ND	0.0050		mg/L	5	8/17/2017
Manganese	0.22	0.010		mg/L	5	8/17/2017
Nickel	ND	0.010		mg/L	5	8/17/2017
Selenium	ND	0.010		mg/L	5	8/17/2017
Silver	ND	0.010		mg/L	5	8/17/2017
Zinc	ND	0.050		mg/L	5	8/17/2017
TCLP Mercury	SW1311/7470A					Prep Date: 8/16/2017 Analyst: LB
Mercury	ND	0.00020		mg/L	1	8/16/2017
SPLP Mercury	SW1312/7470A					Prep Date: 8/14/2017 Analyst: LB
Mercury	ND	0.00025		mg/L	1	8/14/2017
Mercury	SW7471A					Prep Date: 8/11/2017 Analyst: LB
Mercury	0.025	0.023		mg/Kg-dry	1	8/11/2017
pH (25 °C)	SW9045C					Prep Date: 8/14/2017 Analyst: RW
pH	7.98			pH Units	1	8/14/2017
Percent Moisture	D2974					Prep Date: 8/10/2017 Analyst: KKA
Percent Moisture	20.1	0.2	*	wt%	1	8/11/2017

Qualifiers:

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Report Date: August 18, 2017

Print Date: August 18, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-15-01 (12-18)

Work Order: 17080286 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 8/7/2017 10:26:00 AM

Lab ID: 17080286-011A

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS		SW5035/8260B			Prep Date: 8/9/2017	Analyst: RRS
Acetone	ND	0.078		mg/Kg-dry	1	8/15/2017
Benzene	ND	0.0052		mg/Kg-dry	1	8/15/2017
Bromodichloromethane	ND	0.0052		mg/Kg-dry	1	8/15/2017
Bromoform	ND	0.0052		mg/Kg-dry	1	8/15/2017
Bromomethane	ND	0.010		mg/Kg-dry	1	8/15/2017
2-Butanone	ND	0.078		mg/Kg-dry	1	8/15/2017
Carbon disulfide	ND	0.052		mg/Kg-dry	1	8/15/2017
Carbon tetrachloride	ND	0.0052		mg/Kg-dry	1	8/15/2017
Chlorobenzene	ND	0.0052		mg/Kg-dry	1	8/15/2017
Chloroethane	ND	0.010		mg/Kg-dry	1	8/15/2017
Chloroform	ND	0.0052		mg/Kg-dry	1	8/15/2017
Chloromethane	ND	0.010		mg/Kg-dry	1	8/15/2017
Dibromochloromethane	ND	0.0052		mg/Kg-dry	1	8/15/2017
1,1-Dichloroethane	ND	0.0052		mg/Kg-dry	1	8/15/2017
1,2-Dichloroethane	ND	0.0052		mg/Kg-dry	1	8/15/2017
1,1-Dichloroethene	ND	0.0052		mg/Kg-dry	1	8/15/2017
cis-1,2-Dichloroethene	ND	0.0052		mg/Kg-dry	1	8/15/2017
trans-1,2-Dichloroethene	ND	0.0052		mg/Kg-dry	1	8/15/2017
1,2-Dichloropropane	ND	0.0052		mg/Kg-dry	1	8/15/2017
cis-1,3-Dichloropropene	ND	0.0021		mg/Kg-dry	1	8/15/2017
trans-1,3-Dichloropropene	ND	0.0021		mg/Kg-dry	1	8/15/2017
Ethylbenzene	ND	0.0052		mg/Kg-dry	1	8/15/2017
2-Hexanone	ND	0.021		mg/Kg-dry	1	8/15/2017
4-Methyl-2-pentanone	ND	0.021		mg/Kg-dry	1	8/15/2017
Methylene chloride	ND	0.010		mg/Kg-dry	1	8/15/2017
Methyl tert-butyl ether	ND	0.0052		mg/Kg-dry	1	8/15/2017
Styrene	ND	0.0052		mg/Kg-dry	1	8/15/2017
1,1,2,2-Tetrachloroethane	ND	0.0052		mg/Kg-dry	1	8/15/2017
Tetrachloroethene	ND	0.0052		mg/Kg-dry	1	8/15/2017
Toluene	ND	0.0052		mg/Kg-dry	1	8/15/2017
1,1,1-Trichloroethane	ND	0.0052		mg/Kg-dry	1	8/15/2017
1,1,2-Trichloroethane	ND	0.0052		mg/Kg-dry	1	8/15/2017
Trichloroethene	ND	0.0052		mg/Kg-dry	1	8/15/2017
Vinyl chloride	ND	0.0052		mg/Kg-dry	1	8/15/2017
Xylenes, Total	ND	0.016		mg/Kg-dry	1	8/15/2017

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Report Date: August 18, 2017

Print Date: August 18, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-15-01 (12-18)

Work Order: 17080286 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 8/7/2017 10:26:00 AM

Lab ID: 17080286-011B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS		SW8270C (SW3550B)		Prep Date: 8/10/2017		Analyst: MEP
Acenaphthene	ND	0.041		mg/Kg-dry	1	8/13/2017
Acenaphthylene	ND	0.041		mg/Kg-dry	1	8/13/2017
Aniline	ND	0.41		mg/Kg-dry	1	8/13/2017
Anthracene	ND	0.041		mg/Kg-dry	1	8/13/2017
Benz(a)anthracene	ND	0.041		mg/Kg-dry	1	8/13/2017
Benzidine	ND	0.41		mg/Kg-dry	1	8/13/2017
Benzo(a)pyrene	ND	0.041		mg/Kg-dry	1	8/13/2017
Benzo(b)fluoranthene	ND	0.041		mg/Kg-dry	1	8/13/2017
Benzo(g,h,i)perylene	ND	0.041		mg/Kg-dry	1	8/13/2017
Benzo(k)fluoranthene	ND	0.041		mg/Kg-dry	1	8/13/2017
Benzoic acid	ND	1.0		mg/Kg-dry	1	8/13/2017
Benzyl alcohol	ND	0.21		mg/Kg-dry	1	8/13/2017
Bis(2-chloroethoxy)methane	ND	0.21		mg/Kg-dry	1	8/13/2017
Bis(2-chloroethyl)ether	ND	0.21		mg/Kg-dry	1	8/13/2017
Bis(2-ethylhexyl)phthalate	ND	1.0		mg/Kg-dry	1	8/13/2017
4-Bromophenyl phenyl ether	ND	0.21		mg/Kg-dry	1	8/13/2017
Butyl benzyl phthalate	ND	0.21		mg/Kg-dry	1	8/13/2017
Carbazole	ND	0.21		mg/Kg-dry	1	8/13/2017
4-Chloroaniline	ND	0.21		mg/Kg-dry	1	8/13/2017
4-Chloro-3-methylphenol	ND	0.41		mg/Kg-dry	1	8/13/2017
2-Chloronaphthalene	ND	0.21		mg/Kg-dry	1	8/13/2017
2-Chlorophenol	ND	0.21		mg/Kg-dry	1	8/13/2017
4-Chlorophenyl phenyl ether	ND	0.21		mg/Kg-dry	1	8/13/2017
Chrysene	ND	0.041		mg/Kg-dry	1	8/13/2017
Dibenz(a,h)anthracene	ND	0.041		mg/Kg-dry	1	8/13/2017
Dibenzofuran	ND	0.21		mg/Kg-dry	1	8/13/2017
1,2-Dichlorobenzene	ND	0.21		mg/Kg-dry	1	8/13/2017
1,3-Dichlorobenzene	ND	0.21		mg/Kg-dry	1	8/13/2017
1,4-Dichlorobenzene	ND	0.21		mg/Kg-dry	1	8/13/2017
3,3'-Dichlorobenzidine	ND	0.21		mg/Kg-dry	1	8/13/2017
2,4-Dichlorophenol	ND	0.21		mg/Kg-dry	1	8/13/2017
Diethyl phthalate	ND	0.21		mg/Kg-dry	1	8/13/2017
2,4-Dimethylphenol	ND	0.21		mg/Kg-dry	1	8/13/2017
Dimethyl phthalate	ND	0.21		mg/Kg-dry	1	8/13/2017
4,6-Dinitro-2-methylphenol	ND	0.41		mg/Kg-dry	1	8/13/2017
2,4-Dinitrophenol	ND	1.0		mg/Kg-dry	1	8/13/2017
2,4-Dinitrotoluene	ND	0.041		mg/Kg-dry	1	8/13/2017
2,6-Dinitrotoluene	ND	0.041		mg/Kg-dry	1	8/13/2017

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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Report Date: August 18, 2017

Print Date: August 18, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-15-01 (12-18)

Work Order: 17080286 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL

Collection Date: 8/7/2017 10:26:00 AM

Lab ID: 17080286-011B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS						
	SW8270C (SW3550B)				Prep Date: 8/10/2017	Analyst: MEP
Di-n-butyl phthalate	ND	0.21		mg/Kg-dry	1	8/13/2017
Di-n-octyl phthalate	ND	0.21		mg/Kg-dry	1	8/13/2017
Fluoranthene	ND	0.041		mg/Kg-dry	1	8/13/2017
Fluorene	ND	0.041		mg/Kg-dry	1	8/13/2017
Hexachlorobenzene	ND	0.21		mg/Kg-dry	1	8/13/2017
Hexachlorobutadiene	ND	0.21		mg/Kg-dry	1	8/13/2017
Hexachlorocyclopentadiene	ND	0.21		mg/Kg-dry	1	8/13/2017
Hexachloroethane	ND	0.21		mg/Kg-dry	1	8/13/2017
Indeno(1,2,3-cd)pyrene	ND	0.041		mg/Kg-dry	1	8/13/2017
Isophorone	ND	0.21		mg/Kg-dry	1	8/13/2017
2-Methylnaphthalene	ND	0.21		mg/Kg-dry	1	8/13/2017
2-Methylphenol	ND	0.21		mg/Kg-dry	1	8/13/2017
4-Methylphenol	ND	0.21		mg/Kg-dry	1	8/13/2017
Naphthalene	ND	0.041		mg/Kg-dry	1	8/13/2017
2-Nitroaniline	ND	0.21		mg/Kg-dry	1	8/13/2017
3-Nitroaniline	ND	0.21		mg/Kg-dry	1	8/13/2017
4-Nitroaniline	ND	0.21		mg/Kg-dry	1	8/13/2017
2-Nitrophenol	ND	0.21		mg/Kg-dry	1	8/13/2017
4-Nitrophenol	ND	0.41		mg/Kg-dry	1	8/13/2017
Nitrobenzene	ND	0.041		mg/Kg-dry	1	8/13/2017
N-Nitrosodi-n-propylamine	ND	0.041		mg/Kg-dry	1	8/13/2017
N-Nitrosodimethylamine	ND	0.21		mg/Kg-dry	1	8/13/2017
N-Nitrosodiphenylamine	ND	0.21		mg/Kg-dry	1	8/13/2017
2, 2'-oxybis(1-Chloropropane)	ND	0.21		mg/Kg-dry	1	8/13/2017
Pentachlorophenol	ND	0.083		mg/Kg-dry	1	8/13/2017
Phenanthrene	ND	0.041		mg/Kg-dry	1	8/13/2017
Phenol	ND	0.21		mg/Kg-dry	1	8/13/2017
Pyrene	ND	0.041		mg/Kg-dry	1	8/13/2017
Pyridine	ND	0.83		mg/Kg-dry	1	8/13/2017
1,2,4-Trichlorobenzene	ND	0.21		mg/Kg-dry	1	8/13/2017
2,4,5-Trichlorophenol	ND	0.21		mg/Kg-dry	1	8/13/2017
2,4,6-Trichlorophenol	ND	0.21		mg/Kg-dry	1	8/13/2017
Metals by ICP/MS						
	SW6020 (SW3050B)				Prep Date: 8/10/2017	Analyst: JG
Aluminum	8400	22		mg/Kg-dry	10	8/13/2017
Antimony	ND	2.2		mg/Kg-dry	10	8/13/2017
Arsenic	7.4	1.1		mg/Kg-dry	10	8/13/2017
Barium	76	1.1		mg/Kg-dry	10	8/13/2017
Beryllium	ND	0.54		mg/Kg-dry	10	8/13/2017

Qualifiers:

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HT - Sample received past holding time

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E - Value above quantitation range

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

Report Date: August 18, 2017

Print Date: August 18, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-15-01 (12-18)

Work Order: 17080286 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 8/7/2017 10:26:00 AM

Lab ID: 17080286-011B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed

Metals by ICP/MS

SW6020 (SW3050B)

Prep Date: 8/10/2017

Analyst: JG

Cadmium	ND	0.54		mg/Kg-dry	10	8/13/2017
Calcium	53000	65		mg/Kg-dry	10	8/13/2017
Chromium	16	1.1		mg/Kg-dry	10	8/13/2017
Cobalt	11	1.1		mg/Kg-dry	10	8/13/2017
Copper	24	2.7		mg/Kg-dry	10	8/13/2017
Iron	22000	33		mg/Kg-dry	10	8/13/2017
Lead	13	0.54		mg/Kg-dry	10	8/13/2017
Magnesium	27000	33		mg/Kg-dry	10	8/13/2017
Manganese	610	1.1		mg/Kg-dry	10	8/13/2017
Nickel	28	1.1		mg/Kg-dry	10	8/13/2017
Potassium	1600	33		mg/Kg-dry	10	8/13/2017
Selenium	ND	1.1		mg/Kg-dry	10	8/13/2017
Silver	ND	1.1		mg/Kg-dry	10	8/13/2017
Sodium	120	65		mg/Kg-dry	10	8/13/2017
Thallium	ND	1.1		mg/Kg-dry	10	8/13/2017
Vanadium	22	1.1		mg/Kg-dry	10	8/13/2017
Zinc	67	5.4		mg/Kg-dry	10	8/13/2017

SPLP Metals by ICP/MS

SW1312/6020 (SW3005A)

Prep Date: 8/12/2017

Analyst: JG

Arsenic	ND	0.0040		mg/L	2	8/16/2017
Barium	0.026	0.020		mg/L	2	8/16/2017
Beryllium	ND	0.0020		mg/L	2	8/16/2017
Cadmium	ND	0.0020		mg/L	2	8/16/2017
Chromium	ND	0.0040		mg/L	2	8/16/2017
Cobalt	ND	0.0040		mg/L	2	8/16/2017
Copper	ND	0.040		mg/L	2	8/16/2017
Iron	0.77	0.10		mg/L	2	8/16/2017
Lead	ND	0.0020		mg/L	2	8/16/2017
Manganese	0.016	0.0040		mg/L	2	8/16/2017
Nickel	0.0040	0.0040		mg/L	2	8/16/2017
Selenium	ND	0.0040		mg/L	2	8/16/2017
Silver	ND	0.0040		mg/L	2	8/16/2017
Zinc	0.038	0.020		mg/L	2	8/16/2017

TCLP Metals by ICP/MS

SW1311/6020 (SW3005A)

Prep Date: 8/16/2017

Analyst: JG

Arsenic	0.029	0.010		mg/L	5	8/17/2017
Barium	0.83	0.050		mg/L	5	8/17/2017
Beryllium	ND	0.0050		mg/L	5	8/17/2017
Cadmium	0.0051	0.0050		mg/L	5	8/17/2017

Qualifiers:

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E - Value above quantitation range

H - Holding time exceeded

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Report Date: August 18, 2017

Print Date: August 18, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-15-01 (12-18)

Work Order: 17080286 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL

Collection Date: 8/7/2017 10:26:00 AM

Lab ID: 17080286-011B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
TCLP Metals by ICP/MS	SW1311/6020 (SW3005A)		Prep Date: 8/16/2017		Analyst: JG	
Chromium	ND	0.010		mg/L	5	8/17/2017
Cobalt	0.13	0.010		mg/L	5	8/17/2017
Copper	ND	0.10		mg/L	5	8/17/2017
Iron	160	0.25		mg/L	5	8/17/2017
Lead	0.028	0.0050		mg/L	5	8/17/2017
Manganese	13	0.010		mg/L	5	8/17/2017
Nickel	0.29	0.010		mg/L	5	8/17/2017
Selenium	ND	0.010		mg/L	5	8/17/2017
Silver	ND	0.010		mg/L	5	8/17/2017
Zinc	0.76	0.050		mg/L	5	8/17/2017
TCLP Mercury	SW1311/7470A		Prep Date: 8/16/2017		Analyst: LB	
Mercury	ND	0.00020		mg/L	1	8/16/2017
SPLP Mercury	SW1312/7470A		Prep Date: 8/14/2017		Analyst: LB	
Mercury	ND	0.00025		mg/L	1	8/14/2017
Mercury	SW7471A		Prep Date: 8/11/2017		Analyst: LB	
Mercury	ND	0.025		mg/Kg-dry	1	8/11/2017
pH (25 °C)	SW9045C		Prep Date: 8/14/2017		Analyst: RW	
pH	7.80			pH Units	1	8/14/2017
Percent Moisture	D2974		Prep Date: 8/10/2017		Analyst: KKA	
Percent Moisture	19.6	0.2	*	wt%	1	8/11/2017

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Report Date: August 19, 2017

Print Date: August 19, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-18-08 (0-1)

Work Order: 17080343 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 8/9/2017 9:08:00 AM

Lab ID: 17080343-001A

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS		SW5035/8260B		Prep Date: 8/11/2017		Analyst: JNM
Acetone	ND	0.067		mg/Kg-dry	1	8/16/2017
Benzene	ND	0.0045		mg/Kg-dry	1	8/16/2017
Bromodichloromethane	ND	0.0045		mg/Kg-dry	1	8/16/2017
Bromoform	ND	0.0045		mg/Kg-dry	1	8/16/2017
Bromomethane	ND	0.0089		mg/Kg-dry	1	8/16/2017
2-Butanone	ND	0.067		mg/Kg-dry	1	8/16/2017
Carbon disulfide	ND	0.045		mg/Kg-dry	1	8/16/2017
Carbon tetrachloride	ND	0.0045		mg/Kg-dry	1	8/16/2017
Chlorobenzene	ND	0.0045		mg/Kg-dry	1	8/16/2017
Chloroethane	ND	0.0089		mg/Kg-dry	1	8/16/2017
Chloroform	ND	0.0045		mg/Kg-dry	1	8/16/2017
Chloromethane	ND	0.0089		mg/Kg-dry	1	8/16/2017
Dibromochloromethane	ND	0.0045		mg/Kg-dry	1	8/16/2017
1,1-Dichloroethane	ND	0.0045		mg/Kg-dry	1	8/16/2017
1,2-Dichloroethane	ND	0.0045		mg/Kg-dry	1	8/16/2017
1,1-Dichloroethene	ND	0.0045		mg/Kg-dry	1	8/16/2017
cis-1,2-Dichloroethene	ND	0.0045		mg/Kg-dry	1	8/16/2017
trans-1,2-Dichloroethene	ND	0.0045		mg/Kg-dry	1	8/16/2017
1,2-Dichloropropane	ND	0.0045		mg/Kg-dry	1	8/16/2017
cis-1,3-Dichloropropene	ND	0.0018		mg/Kg-dry	1	8/16/2017
trans-1,3-Dichloropropene	ND	0.0018		mg/Kg-dry	1	8/16/2017
Ethylbenzene	ND	0.0045		mg/Kg-dry	1	8/16/2017
2-Hexanone	ND	0.018		mg/Kg-dry	1	8/16/2017
4-Methyl-2-pentanone	ND	0.018		mg/Kg-dry	1	8/16/2017
Methylene chloride	ND	0.0089		mg/Kg-dry	1	8/16/2017
Methyl tert-butyl ether	ND	0.0045		mg/Kg-dry	1	8/16/2017
Styrene	ND	0.0045		mg/Kg-dry	1	8/16/2017
1,1,2,2-Tetrachloroethane	ND	0.0045		mg/Kg-dry	1	8/16/2017
Tetrachloroethene	ND	0.0045		mg/Kg-dry	1	8/16/2017
Toluene	ND	0.0045		mg/Kg-dry	1	8/16/2017
1,1,1-Trichloroethane	ND	0.0045		mg/Kg-dry	1	8/16/2017
1,1,2-Trichloroethane	ND	0.0045		mg/Kg-dry	1	8/16/2017
Trichloroethene	ND	0.0045		mg/Kg-dry	1	8/16/2017
Vinyl chloride	ND	0.0045		mg/Kg-dry	1	8/16/2017
Xylenes, Total	ND	0.013		mg/Kg-dry	1	8/16/2017

Qualifiers:

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Report Date: August 19, 2017

Print Date: August 19, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-18-08 (0-1)

Work Order: 17080343 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 8/9/2017 9:08:00 AM

Lab ID: 17080343-001B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed

Semivolatile Organic Compounds by GC/MS	SW8270C (SW3550B)			Prep Date: 8/12/2017		Analyst: DM

Acenaphthene	ND	0.038		mg/Kg-dry	1	8/15/2017
Acenaphthylene	ND	0.038		mg/Kg-dry	1	8/15/2017
Aniline	ND	0.38		mg/Kg-dry	1	8/15/2017
Anthracene	ND	0.038		mg/Kg-dry	1	8/15/2017
Benz(a)anthracene	ND	0.038		mg/Kg-dry	1	8/15/2017
Benzidine	ND	0.38		mg/Kg-dry	1	8/15/2017
Benzo(a)pyrene	ND	0.038		mg/Kg-dry	1	8/15/2017
Benzo(b)fluoranthene	ND	0.038		mg/Kg-dry	1	8/15/2017
Benzo(g,h,i)perylene	ND	0.038		mg/Kg-dry	1	8/15/2017
Benzo(k)fluoranthene	ND	0.038		mg/Kg-dry	1	8/15/2017
Benzoic acid	ND	0.96		mg/Kg-dry	1	8/15/2017
Benzyl alcohol	ND	0.20		mg/Kg-dry	1	8/15/2017
Bis(2-chloroethoxy)methane	ND	0.20		mg/Kg-dry	1	8/15/2017
Bis(2-chloroethyl)ether	ND	0.20		mg/Kg-dry	1	8/15/2017
Bis(2-ethylhexyl)phthalate	ND	0.96		mg/Kg-dry	1	8/15/2017
4-Bromophenyl phenyl ether	ND	0.20		mg/Kg-dry	1	8/15/2017
Butyl benzyl phthalate	ND	0.20		mg/Kg-dry	1	8/15/2017
Carbazole	ND	0.20		mg/Kg-dry	1	8/15/2017
4-Chloroaniline	ND	0.20		mg/Kg-dry	1	8/15/2017
4-Chloro-3-methylphenol	ND	0.38		mg/Kg-dry	1	8/15/2017
2-Chloronaphthalene	ND	0.20		mg/Kg-dry	1	8/15/2017
2-Chlorophenol	ND	0.20		mg/Kg-dry	1	8/15/2017
4-Chlorophenyl phenyl ether	ND	0.20		mg/Kg-dry	1	8/15/2017
Chrysene	ND	0.038		mg/Kg-dry	1	8/15/2017
Dibenz(a,h)anthracene	ND	0.038		mg/Kg-dry	1	8/15/2017
Dibenzofuran	ND	0.20		mg/Kg-dry	1	8/15/2017
1,2-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	8/15/2017
1,3-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	8/15/2017
1,4-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	8/15/2017
3,3'-Dichlorobenzidine	ND	0.20		mg/Kg-dry	1	8/15/2017
2,4-Dichlorophenol	ND	0.20		mg/Kg-dry	1	8/15/2017
Diethyl phthalate	ND	0.20		mg/Kg-dry	1	8/15/2017
2,4-Dimethylphenol	ND	0.20		mg/Kg-dry	1	8/15/2017
Dimethyl phthalate	ND	0.20		mg/Kg-dry	1	8/15/2017
4,6-Dinitro-2-methylphenol	ND	0.38		mg/Kg-dry	1	8/15/2017
2,4-Dinitrophenol	ND	0.96		mg/Kg-dry	1	8/15/2017
2,4-Dinitrotoluene	ND	0.038		mg/Kg-dry	1	8/15/2017
2,6-Dinitrotoluene	ND	0.038		mg/Kg-dry	1	8/15/2017

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

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Report Date: August 19, 2017

Print Date: August 19, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-18-08 (0-1)

Work Order: 17080343 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 8/9/2017 9:08:00 AM

Lab ID: 17080343-001B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed

Semivolatile Organic Compounds by GC/MS SW8270C (SW3550B) Prep Date: 8/12/2017 Analyst: DM

Di-n-butyl phthalate	ND	0.20		mg/Kg-dry	1	8/15/2017
Di-n-octyl phthalate	ND	0.20		mg/Kg-dry	1	8/15/2017
Fluoranthene	ND	0.038		mg/Kg-dry	1	8/15/2017
Fluorene	ND	0.038		mg/Kg-dry	1	8/15/2017
Hexachlorobenzene	ND	0.20		mg/Kg-dry	1	8/15/2017
Hexachlorobutadiene	ND	0.20		mg/Kg-dry	1	8/15/2017
Hexachlorocyclopentadiene	ND	0.20		mg/Kg-dry	1	8/15/2017
Hexachloroethane	ND	0.20		mg/Kg-dry	1	8/15/2017
Indeno(1,2,3-cd)pyrene	ND	0.038		mg/Kg-dry	1	8/15/2017
Isophorone	ND	0.20		mg/Kg-dry	1	8/15/2017
2-Methylnaphthalene	ND	0.20		mg/Kg-dry	1	8/15/2017
2-Methylphenol	ND	0.20		mg/Kg-dry	1	8/15/2017
4-Methylphenol	ND	0.20		mg/Kg-dry	1	8/15/2017
Naphthalene	ND	0.038		mg/Kg-dry	1	8/15/2017
2-Nitroaniline	ND	0.20		mg/Kg-dry	1	8/15/2017
3-Nitroaniline	ND	0.20		mg/Kg-dry	1	8/15/2017
4-Nitroaniline	ND	0.20		mg/Kg-dry	1	8/15/2017
2-Nitrophenol	ND	0.20		mg/Kg-dry	1	8/15/2017
4-Nitrophenol	ND	0.38		mg/Kg-dry	1	8/15/2017
Nitrobenzene	ND	0.038		mg/Kg-dry	1	8/15/2017
N-Nitrosodi-n-propylamine	ND	0.038		mg/Kg-dry	1	8/15/2017
N-Nitrosodimethylamine	ND	0.20		mg/Kg-dry	1	8/15/2017
N-Nitrosodiphenylamine	ND	0.20		mg/Kg-dry	1	8/15/2017
2, 2'-oxybis(1-Chloropropane)	ND	0.20		mg/Kg-dry	1	8/15/2017
Pentachlorophenol	ND	0.077		mg/Kg-dry	1	8/15/2017
Phenanthrene	ND	0.038		mg/Kg-dry	1	8/15/2017
Phenol	ND	0.20		mg/Kg-dry	1	8/15/2017
Pyrene	ND	0.038		mg/Kg-dry	1	8/15/2017
Pyridine	ND	0.77		mg/Kg-dry	1	8/15/2017
1,2,4-Trichlorobenzene	ND	0.20		mg/Kg-dry	1	8/15/2017
2,4,5-Trichlorophenol	ND	0.20		mg/Kg-dry	1	8/15/2017
2,4,6-Trichlorophenol	ND	0.20		mg/Kg-dry	1	8/15/2017

Metals by ICP/MS SW6020 (SW3050B) Prep Date: 8/11/2017 Analyst: JG

Aluminum	12000	20		mg/Kg-dry	10	8/15/2017
Antimony	ND	2.0		mg/Kg-dry	10	8/15/2017
Arsenic	12	1.0		mg/Kg-dry	10	8/15/2017
Barium	72	1.0		mg/Kg-dry	10	8/15/2017
Beryllium	0.87	0.51		mg/Kg-dry	10	8/15/2017

Qualifiers:

ND - Not Detected at the Reporting Limit

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Report Date: August 19, 2017

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ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-18-08 (0-1)

Work Order: 17080343 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 8/9/2017 9:08:00 AM

Lab ID: 17080343-001B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed

Metals by ICP/MS

SW6020 (SW3050B)

Prep Date: 8/11/2017

Analyst: JG

Cadmium	ND	0.51		mg/Kg-dry	10	8/15/2017
Calcium	65000	61		mg/Kg-dry	10	8/15/2017
Chromium	22	1.0		mg/Kg-dry	10	8/15/2017
Cobalt	15	1.0		mg/Kg-dry	10	8/15/2017
Copper	30	2.6		mg/Kg-dry	10	8/15/2017
Iron	30000	31		mg/Kg-dry	10	8/15/2017
Lead	23	0.51		mg/Kg-dry	10	8/15/2017
Magnesium	39000	31		mg/Kg-dry	10	8/15/2017
Manganese	550	1.0		mg/Kg-dry	10	8/15/2017
Nickel	36	1.0		mg/Kg-dry	10	8/15/2017
Potassium	2000	31		mg/Kg-dry	10	8/15/2017
Selenium	ND	1.0		mg/Kg-dry	10	8/15/2017
Silver	ND	1.0		mg/Kg-dry	10	8/15/2017
Sodium	1400	61		mg/Kg-dry	10	8/15/2017
Thallium	ND	1.0		mg/Kg-dry	10	8/15/2017
Vanadium	27	1.0		mg/Kg-dry	10	8/15/2017
Zinc	75	5.1		mg/Kg-dry	10	8/15/2017

SPLP Metals by ICP/MS

SW1312/6020 (SW3005A)

Prep Date: 8/16/2017

Analyst: JG

Arsenic	ND	0.0040		mg/L	2	8/18/2017
Barium	0.16	0.020		mg/L	2	8/18/2017
Beryllium	ND	0.0020		mg/L	2	8/18/2017
Cadmium	ND	0.0020		mg/L	2	8/18/2017
Chromium	ND	0.0040		mg/L	2	8/18/2017
Cobalt	ND	0.0040		mg/L	2	8/18/2017
Copper	ND	0.040		mg/L	2	8/18/2017
Iron	0.62	0.10		mg/L	2	8/18/2017
Lead	ND	0.0020		mg/L	2	8/18/2017
Manganese	1.2	0.0040		mg/L	2	8/18/2017
Nickel	0.0040	0.0040		mg/L	2	8/18/2017
Selenium	ND	0.0040		mg/L	2	8/18/2017
Silver	ND	0.0040		mg/L	2	8/18/2017
Zinc	ND	0.020		mg/L	2	8/18/2017

TCLP Metals by ICP/MS

SW1311/6020 (SW3005A)

Prep Date: 8/18/2017

Analyst: JG

Arsenic	ND	0.010		mg/L	5	8/18/2017
Barium	0.75	0.050		mg/L	5	8/18/2017
Beryllium	ND	0.0050		mg/L	5	8/18/2017
Cadmium	ND	0.0050		mg/L	5	8/18/2017

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

HT - Sample received past holding time

* - Non-accredited parameter

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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

Report Date: August 19, 2017

Print Date: August 19, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-18-08 (0-1)

Work Order: 17080343 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 8/9/2017 9:08:00 AM

Lab ID: 17080343-001B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
TCLP Metals by ICP/MS	SW1311/6020 (SW3005A)					Prep Date: 8/18/2017 Analyst: JG
Chromium	ND	0.010		mg/L	5	8/18/2017
Cobalt	0.016	0.010		mg/L	5	8/18/2017
Copper	ND	0.10		mg/L	5	8/18/2017
Iron	0.67	0.25		mg/L	5	8/18/2017
Lead	0.0057	0.0050		mg/L	5	8/18/2017
Manganese	7.1	0.010		mg/L	5	8/18/2017
Nickel	0.015	0.010		mg/L	5	8/18/2017
Selenium	ND	0.010		mg/L	5	8/18/2017
Silver	ND	0.010		mg/L	5	8/18/2017
Zinc	ND	0.10		mg/L	5	8/18/2017
TCLP Mercury	SW1311/7470A					Prep Date: 8/18/2017 Analyst: LB
Mercury	ND	0.00020		mg/L	1	8/18/2017
SPLP Mercury	SW1312/7470A					Prep Date: 8/16/2017 Analyst: LB
Mercury	ND	0.00025		mg/L	1	8/16/2017
Mercury	SW7471A					Prep Date: 8/15/2017 Analyst: LB
Mercury	0.025	0.019		mg/Kg-dry	1	8/15/2017
pH (25 °C)	SW9045C					Prep Date: 8/15/2017 Analyst: PBG
pH	7.91			pH Units	1	8/15/2017
Percent Moisture	D2974					Prep Date: 8/14/2017 Analyst: KKA
Percent Moisture	14.0	0.2	*	wt%	1	8/15/2017

Qualifiers:

ND - Not Detected at the Reporting Limit

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HT - Sample received past holding time

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E - Value above quantitation range

H - Holding time exceeded

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

Report Date: August 17, 2017

Print Date: August 17, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-32-03 (0-1)

Work Order: 17080266 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL

Collection Date: 8/8/2017 1:45:00 PM

Lab ID: 17080266-033A

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS		SW5035/8260B		Prep Date: 8/9/2017		Analyst: ERP
Acetone	ND	0.071		mg/Kg-dry	1	8/15/2017
Benzene	ND	0.0048		mg/Kg-dry	1	8/15/2017
Bromodichloromethane	ND	0.0048		mg/Kg-dry	1	8/15/2017
Bromoform	ND	0.0048		mg/Kg-dry	1	8/15/2017
Bromomethane	ND	0.0095		mg/Kg-dry	1	8/15/2017
2-Butanone	ND	0.071		mg/Kg-dry	1	8/15/2017
Carbon disulfide	ND	0.048		mg/Kg-dry	1	8/15/2017
Carbon tetrachloride	ND	0.0048		mg/Kg-dry	1	8/15/2017
Chlorobenzene	ND	0.0048		mg/Kg-dry	1	8/15/2017
Chloroethane	ND	0.0095		mg/Kg-dry	1	8/15/2017
Chloroform	ND	0.0048		mg/Kg-dry	1	8/15/2017
Chloromethane	ND	0.0095		mg/Kg-dry	1	8/15/2017
Dibromochloromethane	ND	0.0048		mg/Kg-dry	1	8/15/2017
1,1-Dichloroethane	ND	0.0048		mg/Kg-dry	1	8/15/2017
1,2-Dichloroethane	ND	0.0048		mg/Kg-dry	1	8/15/2017
1,1-Dichloroethene	ND	0.0048		mg/Kg-dry	1	8/15/2017
cis-1,2-Dichloroethene	ND	0.0048		mg/Kg-dry	1	8/15/2017
trans-1,2-Dichloroethene	ND	0.0048		mg/Kg-dry	1	8/15/2017
1,2-Dichloropropane	ND	0.0048		mg/Kg-dry	1	8/15/2017
cis-1,3-Dichloropropene	ND	0.0019		mg/Kg-dry	1	8/15/2017
trans-1,3-Dichloropropene	ND	0.0019		mg/Kg-dry	1	8/15/2017
Ethylbenzene	ND	0.0048		mg/Kg-dry	1	8/15/2017
2-Hexanone	ND	0.019		mg/Kg-dry	1	8/15/2017
4-Methyl-2-pentanone	ND	0.019		mg/Kg-dry	1	8/15/2017
Methylene chloride	ND	0.0095		mg/Kg-dry	1	8/15/2017
Methyl tert-butyl ether	ND	0.0048		mg/Kg-dry	1	8/15/2017
Styrene	ND	0.0048		mg/Kg-dry	1	8/15/2017
1,1,2,2-Tetrachloroethane	ND	0.0048		mg/Kg-dry	1	8/15/2017
Tetrachloroethene	ND	0.0048		mg/Kg-dry	1	8/15/2017
Toluene	ND	0.0048		mg/Kg-dry	1	8/15/2017
1,1,1-Trichloroethane	ND	0.0048		mg/Kg-dry	1	8/15/2017
1,1,2-Trichloroethane	ND	0.0048		mg/Kg-dry	1	8/15/2017
Trichloroethene	ND	0.0048		mg/Kg-dry	1	8/15/2017
Vinyl chloride	ND	0.0048		mg/Kg-dry	1	8/15/2017
Xylenes, Total	ND	0.014		mg/Kg-dry	1	8/15/2017

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

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

Report Date: August 17, 2017

Print Date: August 17, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-32-03 (0-1)

Work Order: 17080266 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 8/8/2017 1:45:00 PM

Lab ID: 17080266-033B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS		SW8270C (SW3550B)			Prep Date: 8/9/2017	Analyst: MEP
Acenaphthene	ND	0.036		mg/Kg-dry	1	8/13/2017
Acenaphthylene	ND	0.036		mg/Kg-dry	1	8/13/2017
Aniline	ND	0.37		mg/Kg-dry	1	8/13/2017
Anthracene	ND	0.036		mg/Kg-dry	1	8/13/2017
Benz(a)anthracene	0.16	0.036		mg/Kg-dry	1	8/13/2017
Benzdine	ND	0.36		mg/Kg-dry	1	8/13/2017
Benzo(a)pyrene	0.069	0.036		mg/Kg-dry	1	8/13/2017
Benzo(b)fluoranthene	0.094	0.036		mg/Kg-dry	1	8/13/2017
Benzo(g,h,i)perylene	0.17	0.036		mg/Kg-dry	1	8/13/2017
Benzo(k)fluoranthene	0.063	0.036		mg/Kg-dry	1	8/13/2017
Benzoic acid	ND	0.91		mg/Kg-dry	1	8/13/2017
Benzyl alcohol	ND	0.19		mg/Kg-dry	1	8/13/2017
Bis(2-chloroethoxy)methane	ND	0.19		mg/Kg-dry	1	8/13/2017
Bis(2-chloroethyl)ether	ND	0.19		mg/Kg-dry	1	8/13/2017
Bis(2-ethylhexyl)phthalate	ND	0.91		mg/Kg-dry	1	8/13/2017
4-Bromophenyl phenyl ether	ND	0.19		mg/Kg-dry	1	8/13/2017
Butyl benzyl phthalate	ND	0.19		mg/Kg-dry	1	8/13/2017
Carbazole	ND	0.19		mg/Kg-dry	1	8/13/2017
4-Chloroaniline	ND	0.19		mg/Kg-dry	1	8/13/2017
4-Chloro-3-methylphenol	ND	0.36		mg/Kg-dry	1	8/13/2017
2-Chloronaphthalene	ND	0.19		mg/Kg-dry	1	8/13/2017
2-Chlorophenol	ND	0.19		mg/Kg-dry	1	8/13/2017
4-Chlorophenyl phenyl ether	ND	0.19		mg/Kg-dry	1	8/13/2017
Chrysene	0.21	0.036		mg/Kg-dry	1	8/13/2017
Dibenz(a,h)anthracene	0.13	0.036		mg/Kg-dry	1	8/13/2017
Dibenzofuran	ND	0.19		mg/Kg-dry	1	8/13/2017
1,2-Dichlorobenzene	ND	0.19		mg/Kg-dry	1	8/13/2017
1,3-Dichlorobenzene	ND	0.19		mg/Kg-dry	1	8/13/2017
1,4-Dichlorobenzene	ND	0.19		mg/Kg-dry	1	8/13/2017
3,3'-Dichlorobenzidine	ND	0.19		mg/Kg-dry	1	8/13/2017
2,4-Dichlorophenol	ND	0.19		mg/Kg-dry	1	8/13/2017
Diethyl phthalate	ND	0.19		mg/Kg-dry	1	8/13/2017
2,4-Dimethylphenol	ND	0.19		mg/Kg-dry	1	8/13/2017
Dimethyl phthalate	ND	0.19		mg/Kg-dry	1	8/13/2017
4,6-Dinitro-2-methylphenol	ND	0.36		mg/Kg-dry	1	8/13/2017
2,4-Dinitrophenol	ND	0.91		mg/Kg-dry	1	8/13/2017
2,4-Dinitrotoluene	ND	0.036		mg/Kg-dry	1	8/13/2017
2,6-Dinitrotoluene	ND	0.036		mg/Kg-dry	1	8/13/2017

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

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

Report Date: August 17, 2017

Print Date: August 17, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-32-03 (0-1)

Work Order: 17080266 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 8/8/2017 1:45:00 PM

Lab ID: 17080266-033B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS		SW8270C (SW3550B)		Prep Date: 8/9/2017		Analyst: MEP
Di-n-butyl phthalate	ND	0.19		mg/Kg-dry	1	8/13/2017
Di-n-octyl phthalate	ND	0.19		mg/Kg-dry	1	8/13/2017
Fluoranthene	0.37	0.036		mg/Kg-dry	1	8/13/2017
Fluorene	ND	0.036		mg/Kg-dry	1	8/13/2017
Hexachlorobenzene	ND	0.19		mg/Kg-dry	1	8/13/2017
Hexachlorobutadiene	ND	0.19		mg/Kg-dry	1	8/13/2017
Hexachlorocyclopentadiene	ND	0.19		mg/Kg-dry	1	8/13/2017
Hexachloroethane	ND	0.19		mg/Kg-dry	1	8/13/2017
Indeno(1,2,3-cd)pyrene	0.14	0.036		mg/Kg-dry	1	8/13/2017
Isophorone	ND	0.19		mg/Kg-dry	1	8/13/2017
2-Methylnaphthalene	ND	0.19		mg/Kg-dry	1	8/13/2017
2-Methylphenol	ND	0.19		mg/Kg-dry	1	8/13/2017
4-Methylphenol	ND	0.19		mg/Kg-dry	1	8/13/2017
Naphthalene	ND	0.036		mg/Kg-dry	1	8/13/2017
2-Nitroaniline	ND	0.19		mg/Kg-dry	1	8/13/2017
3-Nitroaniline	ND	0.19		mg/Kg-dry	1	8/13/2017
4-Nitroaniline	ND	0.19		mg/Kg-dry	1	8/13/2017
2-Nitrophenol	ND	0.19		mg/Kg-dry	1	8/13/2017
4-Nitrophenol	ND	0.36		mg/Kg-dry	1	8/13/2017
Nitrobenzene	ND	0.036		mg/Kg-dry	1	8/13/2017
N-Nitrosodi-n-propylamine	ND	0.036		mg/Kg-dry	1	8/13/2017
N-Nitrosodimethylamine	ND	0.19		mg/Kg-dry	1	8/13/2017
N-Nitrosodiphenylamine	ND	0.19		mg/Kg-dry	1	8/13/2017
2, 2'-oxybis(1-Chloropropane)	ND	0.19		mg/Kg-dry	1	8/13/2017
Pentachlorophenol	ND	0.074		mg/Kg-dry	1	8/13/2017
Phenanthrene	0.14	0.036		mg/Kg-dry	1	8/13/2017
Phenol	ND	0.19		mg/Kg-dry	1	8/13/2017
Pyrene	0.32	0.036		mg/Kg-dry	1	8/13/2017
Pyridine	ND	0.74		mg/Kg-dry	1	8/13/2017
1,2,4-Trichlorobenzene	ND	0.19		mg/Kg-dry	1	8/13/2017
2,4,5-Trichlorophenol	ND	0.19		mg/Kg-dry	1	8/13/2017
2,4,6-Trichlorophenol	ND	0.19		mg/Kg-dry	1	8/13/2017
Metals by ICP/MS		SW6020 (SW3050B)		Prep Date: 8/9/2017		Analyst: JG
Aluminum	9800	20		mg/Kg-dry	10	8/12/2017
Antimony	ND	2.0		mg/Kg-dry	10	8/12/2017
Arsenic	7.5	0.98		mg/Kg-dry	10	8/12/2017
Barium	100	0.98		mg/Kg-dry	10	8/12/2017
Beryllium	0.59	0.49		mg/Kg-dry	10	8/12/2017

Qualifiers:

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J - Analyte detected below quantitation limits

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R - RPD outside accepted recovery limits

E - Value above quantitation range

H - Holding time exceeded

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Report Date: August 17, 2017

Print Date: August 17, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-32-03 (0-1)

Work Order: 17080266 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 8/8/2017 1:45:00 PM

Lab ID: 17080266-033B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed

Metals by ICP/MS

SW6020 (SW3050B)

Prep Date: 8/9/2017

Analyst: JG

Cadmium	0.56	0.49		mg/Kg-dry	10	8/12/2017
Calcium	80000	59		mg/Kg-dry	10	8/12/2017
Chromium	36	0.98		mg/Kg-dry	10	8/12/2017
Cobalt	11	0.98		mg/Kg-dry	10	8/12/2017
Copper	38	2.5		mg/Kg-dry	10	8/12/2017
Iron	23000	30		mg/Kg-dry	10	8/12/2017
Lead	44	0.49		mg/Kg-dry	10	8/12/2017
Magnesium	44000	30		mg/Kg-dry	10	8/12/2017
Manganese	650	0.98		mg/Kg-dry	10	8/12/2017
Nickel	26	0.98		mg/Kg-dry	10	8/12/2017
Potassium	1700	30		mg/Kg-dry	10	8/12/2017
Selenium	ND	0.98		mg/Kg-dry	10	8/12/2017
Silver	ND	0.98		mg/Kg-dry	10	8/12/2017
Sodium	880	59		mg/Kg-dry	10	8/12/2017
Thallium	ND	0.98		mg/Kg-dry	10	8/12/2017
Vanadium	24	0.98		mg/Kg-dry	10	8/12/2017
Zinc	130	4.9		mg/Kg-dry	10	8/12/2017

SPLP Metals by ICP/MS

SW1312/6020 (SW3005A)

Prep Date: 8/10/2017

Analyst: JG

Arsenic	0.0062	0.0040		mg/L	2	8/11/2017
Barium	0.029	0.020		mg/L	2	8/11/2017
Beryllium	ND	0.0020		mg/L	2	8/11/2017
Cadmium	ND	0.0020		mg/L	2	8/11/2017
Chromium	0.016	0.0040		mg/L	2	8/11/2017
Cobalt	ND	0.0040		mg/L	2	8/11/2017
Copper	ND	0.040		mg/L	2	8/11/2017
Iron	10	0.10		mg/L	2	8/11/2017
Lead	0.0050	0.0020		mg/L	2	8/11/2017
Manganese	0.053	0.0040		mg/L	2	8/11/2017
Nickel	0.012	0.0040		mg/L	2	8/11/2017
Selenium	ND	0.0040		mg/L	2	8/11/2017
Silver	ND	0.0040		mg/L	2	8/11/2017
Zinc	0.035	0.020		mg/L	2	8/11/2017

TCLP Metals by ICP/MS

SW1311/6020 (SW3005A)

Prep Date: 8/14/2017

Analyst: JG

Arsenic	ND	0.010		mg/L	5	8/15/2017
Barium	0.53	0.050		mg/L	5	8/15/2017
Beryllium	ND	0.0050		mg/L	5	8/15/2017
Cadmium	ND	0.0050		mg/L	5	8/15/2017

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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Report Date: August 17, 2017

Print Date: August 17, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-32-03 (0-1)

Work Order: 17080266 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 8/8/2017 1:45:00 PM

Lab ID: 17080266-033B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
TCLP Metals by ICP/MS	SW1311/6020 (SW3005A)					Prep Date: 8/14/2017 Analyst: JG
Chromium	ND	0.010		mg/L	5	8/15/2017
Cobalt	ND	0.010		mg/L	5	8/15/2017
Copper	ND	0.10		mg/L	5	8/15/2017
Iron	ND	0.25		mg/L	5	8/15/2017
Lead	ND	0.0050		mg/L	5	8/15/2017
Manganese	0.75	0.010		mg/L	5	8/15/2017
Nickel	ND	0.010		mg/L	5	8/15/2017
Selenium	ND	0.010		mg/L	5	8/15/2017
Silver	ND	0.010		mg/L	5	8/15/2017
Zinc	ND	0.050		mg/L	5	8/15/2017
TCLP Mercury	SW1311/7470A					Prep Date: 8/14/2017 Analyst: LB
Mercury	ND	0.00020		mg/L	1	8/14/2017
SPLP Mercury	SW1312/7470A					Prep Date: 8/9/2017 Analyst: LB
Mercury	ND	0.00025		mg/L	1	8/10/2017
Mercury	SW7471A					Prep Date: 8/10/2017 Analyst: LB
Mercury	0.024	0.020		mg/Kg-dry	1	8/11/2017
pH (25 °C)	SW9045C					Prep Date: 8/11/2017 Analyst: RW
pH	8.66			pH Units	1	8/11/2017
Percent Moisture	D2974					Prep Date: 8/9/2017 Analyst: KKA
Percent Moisture	10.5	0.2	*	wt%	1	8/10/2017

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

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R - RPD outside accepted recovery limits

E - Value above quantitation range

H - Holding time exceeded

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

Report Date: August 17, 2017

Print Date: August 17, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-33-06 (0-1)

Work Order: 17080266 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 8/8/2017 1:27:00 PM

Lab ID: 17080266-039A

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS		SW5035/8260B		Prep Date: 8/9/2017		Analyst: ERP
Acetone	ND	0.076		mg/Kg-dry	1	8/15/2017
Benzene	ND	0.0050		mg/Kg-dry	1	8/15/2017
Bromodichloromethane	ND	0.0050		mg/Kg-dry	1	8/15/2017
Bromoform	ND	0.0050		mg/Kg-dry	1	8/15/2017
Bromomethane	ND	0.010		mg/Kg-dry	1	8/15/2017
2-Butanone	ND	0.076		mg/Kg-dry	1	8/15/2017
Carbon disulfide	ND	0.050		mg/Kg-dry	1	8/15/2017
Carbon tetrachloride	ND	0.0050		mg/Kg-dry	1	8/15/2017
Chlorobenzene	ND	0.0050		mg/Kg-dry	1	8/15/2017
Chloroethane	ND	0.010		mg/Kg-dry	1	8/15/2017
Chloroform	ND	0.0050		mg/Kg-dry	1	8/15/2017
Chloromethane	ND	0.010		mg/Kg-dry	1	8/15/2017
Dibromochloromethane	ND	0.0050		mg/Kg-dry	1	8/15/2017
1,1-Dichloroethane	ND	0.0050		mg/Kg-dry	1	8/15/2017
1,2-Dichloroethane	ND	0.0050		mg/Kg-dry	1	8/15/2017
1,1-Dichloroethene	ND	0.0050		mg/Kg-dry	1	8/15/2017
cis-1,2-Dichloroethene	ND	0.0050		mg/Kg-dry	1	8/15/2017
trans-1,2-Dichloroethene	ND	0.0050		mg/Kg-dry	1	8/15/2017
1,2-Dichloropropane	ND	0.0050		mg/Kg-dry	1	8/15/2017
cis-1,3-Dichloropropene	ND	0.0020		mg/Kg-dry	1	8/15/2017
trans-1,3-Dichloropropene	ND	0.0020		mg/Kg-dry	1	8/15/2017
Ethylbenzene	ND	0.0050		mg/Kg-dry	1	8/15/2017
2-Hexanone	ND	0.020		mg/Kg-dry	1	8/15/2017
4-Methyl-2-pentanone	ND	0.020		mg/Kg-dry	1	8/15/2017
Methylene chloride	ND	0.010		mg/Kg-dry	1	8/15/2017
Methyl tert-butyl ether	ND	0.0050		mg/Kg-dry	1	8/15/2017
Styrene	ND	0.0050		mg/Kg-dry	1	8/15/2017
1,1,2,2-Tetrachloroethane	ND	0.0050		mg/Kg-dry	1	8/15/2017
Tetrachloroethene	ND	0.0050		mg/Kg-dry	1	8/15/2017
Toluene	ND	0.0050		mg/Kg-dry	1	8/15/2017
1,1,1-Trichloroethane	ND	0.0050		mg/Kg-dry	1	8/15/2017
1,1,2-Trichloroethane	ND	0.0050		mg/Kg-dry	1	8/15/2017
Trichloroethene	ND	0.0050		mg/Kg-dry	1	8/15/2017
Vinyl chloride	ND	0.0050		mg/Kg-dry	1	8/15/2017
Xylenes, Total	ND	0.015		mg/Kg-dry	1	8/15/2017

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

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R - RPD outside accepted recovery limits

E - Value above quantitation range

H - Holding time exceeded

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

Report Date: August 17, 2017

Print Date: August 17, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-33-06 (0-1)

Work Order: 17080266 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 8/8/2017 1:27:00 PM

Lab ID: 17080266-039B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS		SW8270C (SW3550B)		Prep Date: 8/9/2017		Analyst: MEP
Acenaphthene	ND	0.039		mg/Kg-dry	1	8/13/2017
Acenaphthylene	ND	0.039		mg/Kg-dry	1	8/13/2017
Aniline	ND	0.39		mg/Kg-dry	1	8/13/2017
Anthracene	ND	0.039		mg/Kg-dry	1	8/13/2017
Benz(a)anthracene	ND	0.039		mg/Kg-dry	1	8/13/2017
Benzidine	ND	0.39		mg/Kg-dry	1	8/13/2017
Benzo(a)pyrene	ND	0.039		mg/Kg-dry	1	8/13/2017
Benzo(b)fluoranthene	ND	0.039		mg/Kg-dry	1	8/13/2017
Benzo(g,h,i)perylene	ND	0.039		mg/Kg-dry	1	8/13/2017
Benzo(k)fluoranthene	ND	0.039		mg/Kg-dry	1	8/13/2017
Benzoic acid	ND	0.98		mg/Kg-dry	1	8/13/2017
Benzyl alcohol	ND	0.20		mg/Kg-dry	1	8/13/2017
Bis(2-chloroethoxy)methane	ND	0.20		mg/Kg-dry	1	8/13/2017
Bis(2-chloroethyl)ether	ND	0.20		mg/Kg-dry	1	8/13/2017
Bis(2-ethylhexyl)phthalate	ND	0.98		mg/Kg-dry	1	8/13/2017
4-Bromophenyl phenyl ether	ND	0.20		mg/Kg-dry	1	8/13/2017
Butyl benzyl phthalate	ND	0.20		mg/Kg-dry	1	8/13/2017
Carbazole	ND	0.20		mg/Kg-dry	1	8/13/2017
4-Chloroaniline	ND	0.20		mg/Kg-dry	1	8/13/2017
4-Chloro-3-methylphenol	ND	0.39		mg/Kg-dry	1	8/13/2017
2-Chloronaphthalene	ND	0.20		mg/Kg-dry	1	8/13/2017
2-Chlorophenol	ND	0.20		mg/Kg-dry	1	8/13/2017
4-Chlorophenyl phenyl ether	ND	0.20		mg/Kg-dry	1	8/13/2017
Chrysene	0.046	0.039		mg/Kg-dry	1	8/13/2017
Dibenz(a,h)anthracene	ND	0.039		mg/Kg-dry	1	8/13/2017
Dibenzofuran	ND	0.20		mg/Kg-dry	1	8/13/2017
1,2-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	8/13/2017
1,3-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	8/13/2017
1,4-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	8/13/2017
3,3'-Dichlorobenzidine	ND	0.20		mg/Kg-dry	1	8/13/2017
2,4-Dichlorophenol	ND	0.20		mg/Kg-dry	1	8/13/2017
Diethyl phthalate	ND	0.20		mg/Kg-dry	1	8/13/2017
2,4-Dimethylphenol	ND	0.20		mg/Kg-dry	1	8/13/2017
Dimethyl phthalate	ND	0.20		mg/Kg-dry	1	8/13/2017
4,6-Dinitro-2-methylphenol	ND	0.39		mg/Kg-dry	1	8/13/2017
2,4-Dinitrophenol	ND	0.98		mg/Kg-dry	1	8/13/2017
2,4-Dinitrotoluene	ND	0.039		mg/Kg-dry	1	8/13/2017
2,6-Dinitrotoluene	ND	0.039		mg/Kg-dry	1	8/13/2017

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

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

Report Date: August 17, 2017

Print Date: August 17, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-33-06 (0-1)

Work Order: 17080266 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 8/8/2017 1:27:00 PM

Lab ID: 17080266-039B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS						
	SW8270C (SW3550B)				Prep Date: 8/9/2017	Analyst: MEP
Di-n-butyl phthalate	ND	0.20		mg/Kg-dry	1	8/13/2017
Di-n-octyl phthalate	ND	0.20		mg/Kg-dry	1	8/13/2017
Fluoranthene	0.066	0.039		mg/Kg-dry	1	8/13/2017
Fluorene	ND	0.039		mg/Kg-dry	1	8/13/2017
Hexachlorobenzene	ND	0.20		mg/Kg-dry	1	8/13/2017
Hexachlorobutadiene	ND	0.20		mg/Kg-dry	1	8/13/2017
Hexachlorocyclopentadiene	ND	0.20		mg/Kg-dry	1	8/13/2017
Hexachloroethane	ND	0.20		mg/Kg-dry	1	8/13/2017
Indeno(1,2,3-cd)pyrene	ND	0.039		mg/Kg-dry	1	8/13/2017
Isophorone	ND	0.20		mg/Kg-dry	1	8/13/2017
2-Methylnaphthalene	ND	0.20		mg/Kg-dry	1	8/13/2017
2-Methylphenol	ND	0.20		mg/Kg-dry	1	8/13/2017
4-Methylphenol	ND	0.20		mg/Kg-dry	1	8/13/2017
Naphthalene	ND	0.039		mg/Kg-dry	1	8/13/2017
2-Nitroaniline	ND	0.20		mg/Kg-dry	1	8/13/2017
3-Nitroaniline	ND	0.20		mg/Kg-dry	1	8/13/2017
4-Nitroaniline	ND	0.20		mg/Kg-dry	1	8/13/2017
2-Nitrophenol	ND	0.20		mg/Kg-dry	1	8/13/2017
4-Nitrophenol	ND	0.39		mg/Kg-dry	1	8/13/2017
Nitrobenzene	ND	0.039		mg/Kg-dry	1	8/13/2017
N-Nitrosodi-n-propylamine	ND	0.039		mg/Kg-dry	1	8/13/2017
N-Nitrosodimethylamine	ND	0.20		mg/Kg-dry	1	8/13/2017
N-Nitrosodiphenylamine	ND	0.20		mg/Kg-dry	1	8/13/2017
2, 2'-oxybis(1-Chloropropane)	ND	0.20		mg/Kg-dry	1	8/13/2017
Pentachlorophenol	ND	0.079		mg/Kg-dry	1	8/13/2017
Phenanthrene	ND	0.039		mg/Kg-dry	1	8/13/2017
Phenol	ND	0.20		mg/Kg-dry	1	8/13/2017
Pyrene	0.059	0.039		mg/Kg-dry	1	8/13/2017
Pyridine	ND	0.79		mg/Kg-dry	1	8/13/2017
1,2,4-Trichlorobenzene	ND	0.20		mg/Kg-dry	1	8/13/2017
2,4,5-Trichlorophenol	ND	0.20		mg/Kg-dry	1	8/13/2017
2,4,6-Trichlorophenol	ND	0.20		mg/Kg-dry	1	8/13/2017
Metals by ICP/MS						
	SW6020 (SW3050B)				Prep Date: 8/9/2017	Analyst: JG
Aluminum	15000	21		mg/Kg-dry	10	8/12/2017
Antimony	ND	2.1		mg/Kg-dry	10	8/12/2017
Arsenic	12	1.0		mg/Kg-dry	10	8/12/2017
Barium	100	1.0		mg/Kg-dry	10	8/12/2017
Beryllium	1.1	0.52		mg/Kg-dry	10	8/14/2017

Qualifiers:

ND - Not Detected at the Reporting Limit

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HT - Sample received past holding time

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E - Value above quantitation range

H - Holding time exceeded

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

Report Date: August 17, 2017

Print Date: August 17, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-33-06 (0-1)

Work Order: 17080266 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 8/8/2017 1:27:00 PM

Lab ID: 17080266-039B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed

Metals by ICP/MS

SW6020 (SW3050B)

Prep Date: 8/9/2017

Analyst: JG

Cadmium	ND	0.52		mg/Kg-dry	10	8/12/2017
Calcium	49000	62		mg/Kg-dry	10	8/12/2017
Chromium	24	1.0		mg/Kg-dry	10	8/12/2017
Cobalt	14	1.0		mg/Kg-dry	10	8/12/2017
Copper	31	2.6		mg/Kg-dry	10	8/12/2017
Iron	30000	31		mg/Kg-dry	10	8/12/2017
Lead	33	0.52		mg/Kg-dry	10	8/12/2017
Magnesium	29000	31		mg/Kg-dry	10	8/12/2017
Manganese	730	1.0		mg/Kg-dry	10	8/12/2017
Nickel	32	1.0		mg/Kg-dry	10	8/12/2017
Potassium	1700	31		mg/Kg-dry	10	8/12/2017
Selenium	ND	1.0		mg/Kg-dry	10	8/12/2017
Silver	ND	1.0		mg/Kg-dry	10	8/12/2017
Sodium	2000	62		mg/Kg-dry	10	8/12/2017
Thallium	ND	1.0		mg/Kg-dry	10	8/12/2017
Vanadium	31	1.0		mg/Kg-dry	10	8/12/2017
Zinc	88	5.2		mg/Kg-dry	10	8/12/2017

SPLP Metals by ICP/MS

SW1312/6020 (SW3005A)

Prep Date: 8/12/2017

Analyst: JG

Arsenic	ND	0.0040		mg/L	2	8/16/2017
Barium	ND	0.020		mg/L	2	8/16/2017
Beryllium	ND	0.0020		mg/L	2	8/15/2017
Cadmium	ND	0.0020		mg/L	2	8/16/2017
Chromium	0.0051	0.0040		mg/L	2	8/16/2017
Cobalt	ND	0.0040		mg/L	2	8/16/2017
Copper	ND	0.040		mg/L	2	8/16/2017
Iron	3.0	0.10		mg/L	2	8/16/2017
Lead	0.0023	0.0020		mg/L	2	8/16/2017
Manganese	0.028	0.0040		mg/L	2	8/16/2017
Nickel	0.0047	0.0040		mg/L	2	8/16/2017
Selenium	ND	0.0040		mg/L	2	8/16/2017
Silver	ND	0.0040		mg/L	2	8/16/2017
Zinc	ND	0.020		mg/L	2	8/16/2017

TCLP Metals by ICP/MS

SW1311/6020 (SW3005A)

Prep Date: 8/14/2017

Analyst: JG

Arsenic	ND	0.010		mg/L	5	8/15/2017
Barium	0.64	0.050		mg/L	5	8/15/2017
Beryllium	ND	0.0050		mg/L	5	8/15/2017
Cadmium	ND	0.0050		mg/L	5	8/15/2017

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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Report Date: August 17, 2017

Print Date: August 17, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-33-06 (0-1)

Work Order: 17080266 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 8/8/2017 1:27:00 PM

Lab ID: 17080266-039B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
TCLP Metals by ICP/MS	SW1311/6020 (SW3005A)		Prep Date: 8/14/2017		Analyst: JG	
Chromium	ND	0.010		mg/L	5	8/15/2017
Cobalt	ND	0.010		mg/L	5	8/15/2017
Copper	ND	0.10		mg/L	5	8/15/2017
Iron	ND	0.25		mg/L	5	8/15/2017
Lead	ND	0.0050		mg/L	5	8/15/2017
Manganese	0.077	0.010		mg/L	5	8/15/2017
Nickel	ND	0.010		mg/L	5	8/15/2017
Selenium	ND	0.010		mg/L	5	8/15/2017
Silver	ND	0.010		mg/L	5	8/15/2017
Zinc	ND	0.050		mg/L	5	8/15/2017
TCLP Mercury	SW1311/7470A		Prep Date: 8/14/2017		Analyst: LB	
Mercury	ND	0.00020		mg/L	1	8/14/2017
SPLP Mercury	SW1312/7470A		Prep Date: 8/11/2017		Analyst: LB	
Mercury	ND	0.00025		mg/L	1	8/14/2017
Mercury	SW7471A		Prep Date: 8/10/2017		Analyst: LB	
Mercury	0.022	0.021		mg/Kg-dry	1	8/11/2017
pH (25 °C)	SW9045C		Prep Date: 8/11/2017		Analyst: RW	
pH	7.91			pH Units	1	8/11/2017
Percent Moisture	D2974		Prep Date: 8/9/2017		Analyst: KKA	
Percent Moisture	15.5	0.2	*	wt%	1	8/10/2017

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

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

Report Date: August 07, 2017

Print Date: August 07, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-34-01 (0-5')

Work Order: 17070839 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 7/27/2017 9:48:00 AM

Lab ID: 17070839-001A

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS		SW5035/8260B		Prep Date: 7/28/2017		Analyst: ERP
Acetone	ND	0.072		mg/Kg-dry	1	8/3/2017
Benzene	ND	0.0048		mg/Kg-dry	1	8/3/2017
Bromodichloromethane	ND	0.0048		mg/Kg-dry	1	8/3/2017
Bromoform	ND	0.0048		mg/Kg-dry	1	8/3/2017
Bromomethane	ND	0.0097		mg/Kg-dry	1	8/3/2017
2-Butanone	ND	0.072		mg/Kg-dry	1	8/3/2017
Carbon disulfide	ND	0.048		mg/Kg-dry	1	8/3/2017
Carbon tetrachloride	ND	0.0048		mg/Kg-dry	1	8/3/2017
Chlorobenzene	ND	0.0048		mg/Kg-dry	1	8/3/2017
Chloroethane	ND	0.0097		mg/Kg-dry	1	8/3/2017
Chloroform	ND	0.0048		mg/Kg-dry	1	8/3/2017
Chloromethane	ND	0.0097		mg/Kg-dry	1	8/3/2017
Dibromochloromethane	ND	0.0048		mg/Kg-dry	1	8/3/2017
1,1-Dichloroethane	ND	0.0048		mg/Kg-dry	1	8/3/2017
1,2-Dichloroethane	ND	0.0048		mg/Kg-dry	1	8/3/2017
1,1-Dichloroethene	ND	0.0048		mg/Kg-dry	1	8/3/2017
cis-1,2-Dichloroethene	ND	0.0048		mg/Kg-dry	1	8/3/2017
trans-1,2-Dichloroethene	ND	0.0048		mg/Kg-dry	1	8/3/2017
1,2-Dichloropropane	ND	0.0048		mg/Kg-dry	1	8/3/2017
cis-1,3-Dichloropropene	ND	0.0019		mg/Kg-dry	1	8/3/2017
trans-1,3-Dichloropropene	ND	0.0019		mg/Kg-dry	1	8/3/2017
Ethylbenzene	ND	0.0048		mg/Kg-dry	1	8/3/2017
2-Hexanone	ND	0.019		mg/Kg-dry	1	8/3/2017
4-Methyl-2-pentanone	ND	0.019		mg/Kg-dry	1	8/3/2017
Methylene chloride	ND	0.0097		mg/Kg-dry	1	8/3/2017
Methyl tert-butyl ether	ND	0.0048		mg/Kg-dry	1	8/3/2017
Styrene	ND	0.0048		mg/Kg-dry	1	8/3/2017
1,1,2,2-Tetrachloroethane	ND	0.0048		mg/Kg-dry	1	8/3/2017
Tetrachloroethene	ND	0.0048		mg/Kg-dry	1	8/3/2017
Toluene	ND	0.0048		mg/Kg-dry	1	8/3/2017
1,1,1-Trichloroethane	ND	0.0048		mg/Kg-dry	1	8/3/2017
1,1,2-Trichloroethane	ND	0.0048		mg/Kg-dry	1	8/3/2017
Trichloroethene	ND	0.0048		mg/Kg-dry	1	8/3/2017
Vinyl chloride	ND	0.0048		mg/Kg-dry	1	8/3/2017
Xylenes, Total	ND	0.014		mg/Kg-dry	1	8/3/2017

Qualifiers:

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

Report Date: August 07, 2017

Print Date: August 07, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-34-01 (0-5')

Work Order: 17070839 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL

Collection Date: 7/27/2017 9:48:00 AM

Lab ID: 17070839-001B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS		SW8270C (SW3550B)		Prep Date: 7/31/2017		Analyst: ERP
Acenaphthene	ND	0.039		mg/Kg-dry	1	8/1/2017
Acenaphthylene	ND	0.039		mg/Kg-dry	1	8/1/2017
Aniline	ND	0.40		mg/Kg-dry	1	8/1/2017
Anthracene	ND	0.039		mg/Kg-dry	1	8/1/2017
Benz(a)anthracene	ND	0.039		mg/Kg-dry	1	8/1/2017
Benzidine	ND	0.39		mg/Kg-dry	1	8/1/2017
Benzo(a)pyrene	ND	0.039		mg/Kg-dry	1	8/1/2017
Benzo(b)fluoranthene	ND	0.039		mg/Kg-dry	1	8/1/2017
Benzo(g,h,i)perylene	ND	0.039		mg/Kg-dry	1	8/1/2017
Benzo(k)fluoranthene	ND	0.039		mg/Kg-dry	1	8/1/2017
Benzoic acid	ND	0.98		mg/Kg-dry	1	8/1/2017
Benzyl alcohol	ND	0.20		mg/Kg-dry	1	8/1/2017
Bis(2-chloroethoxy)methane	ND	0.20		mg/Kg-dry	1	8/1/2017
Bis(2-chloroethyl)ether	ND	0.20		mg/Kg-dry	1	8/1/2017
Bis(2-ethylhexyl)phthalate	ND	0.98		mg/Kg-dry	1	8/1/2017
4-Bromophenyl phenyl ether	ND	0.20		mg/Kg-dry	1	8/1/2017
Butyl benzyl phthalate	ND	0.20		mg/Kg-dry	1	8/1/2017
Carbazole	ND	0.20		mg/Kg-dry	1	8/1/2017
4-Chloroaniline	ND	0.20		mg/Kg-dry	1	8/1/2017
4-Chloro-3-methylphenol	ND	0.39		mg/Kg-dry	1	8/1/2017
2-Chloronaphthalene	ND	0.20		mg/Kg-dry	1	8/1/2017
2-Chlorophenol	ND	0.20		mg/Kg-dry	1	8/1/2017
4-Chlorophenyl phenyl ether	ND	0.20		mg/Kg-dry	1	8/1/2017
Chrysene	ND	0.039		mg/Kg-dry	1	8/1/2017
Dibenz(a,h)anthracene	ND	0.039		mg/Kg-dry	1	8/1/2017
Dibenzofuran	ND	0.20		mg/Kg-dry	1	8/1/2017
1,2-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	8/1/2017
1,3-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	8/1/2017
1,4-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	8/1/2017
3,3'-Dichlorobenzidine	ND	0.20		mg/Kg-dry	1	8/1/2017
2,4-Dichlorophenol	ND	0.20		mg/Kg-dry	1	8/1/2017
Diethyl phthalate	ND	0.20		mg/Kg-dry	1	8/1/2017
2,4-Dimethylphenol	ND	0.20		mg/Kg-dry	1	8/1/2017
Dimethyl phthalate	ND	0.20		mg/Kg-dry	1	8/1/2017
4,6-Dinitro-2-methylphenol	ND	0.39		mg/Kg-dry	1	8/1/2017
2,4-Dinitrophenol	ND	0.98		mg/Kg-dry	1	8/1/2017
2,4-Dinitrotoluene	ND	0.039		mg/Kg-dry	1	8/1/2017
2,6-Dinitrotoluene	ND	0.039		mg/Kg-dry	1	8/1/2017

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

HT - Sample received past holding time

* - Non-accredited parameter

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E - Value above quantitation range

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

Report Date: August 07, 2017

Print Date: August 07, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-34-01 (0-5')

Work Order: 17070839 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL

Collection Date: 7/27/2017 9:48:00 AM

Lab ID: 17070839-001B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS						
	SW8270C (SW3550B)					Prep Date: 7/31/2017 Analyst: ERP
Di-n-butyl phthalate	ND	0.20		mg/Kg-dry	1	8/1/2017
Di-n-octyl phthalate	ND	0.20		mg/Kg-dry	1	8/1/2017
Fluoranthene	ND	0.039		mg/Kg-dry	1	8/1/2017
Fluorene	ND	0.039		mg/Kg-dry	1	8/1/2017
Hexachlorobenzene	ND	0.20		mg/Kg-dry	1	8/1/2017
Hexachlorobutadiene	ND	0.20		mg/Kg-dry	1	8/1/2017
Hexachlorocyclopentadiene	ND	0.20		mg/Kg-dry	1	8/1/2017
Hexachloroethane	ND	0.20		mg/Kg-dry	1	8/1/2017
Indeno(1,2,3-cd)pyrene	ND	0.039		mg/Kg-dry	1	8/1/2017
Isophorone	ND	0.20		mg/Kg-dry	1	8/1/2017
2-Methylnaphthalene	ND	0.20		mg/Kg-dry	1	8/1/2017
2-Methylphenol	ND	0.20		mg/Kg-dry	1	8/1/2017
4-Methylphenol	ND	0.20		mg/Kg-dry	1	8/1/2017
Naphthalene	ND	0.039		mg/Kg-dry	1	8/1/2017
2-Nitroaniline	ND	0.20		mg/Kg-dry	1	8/1/2017
3-Nitroaniline	ND	0.20		mg/Kg-dry	1	8/1/2017
4-Nitroaniline	ND	0.20		mg/Kg-dry	1	8/1/2017
2-Nitrophenol	ND	0.20		mg/Kg-dry	1	8/1/2017
4-Nitrophenol	ND	0.39		mg/Kg-dry	1	8/1/2017
Nitrobenzene	ND	0.039		mg/Kg-dry	1	8/1/2017
N-Nitrosodi-n-propylamine	ND	0.039		mg/Kg-dry	1	8/1/2017
N-Nitrosodimethylamine	ND	0.20		mg/Kg-dry	1	8/1/2017
N-Nitrosodiphenylamine	ND	0.20		mg/Kg-dry	1	8/1/2017
2, 2'-oxybis(1-Chloropropane)	ND	0.20		mg/Kg-dry	1	8/1/2017
Pentachlorophenol	ND	0.079		mg/Kg-dry	1	8/1/2017
Phenanthrene	ND	0.039		mg/Kg-dry	1	8/1/2017
Phenol	ND	0.20		mg/Kg-dry	1	8/1/2017
Pyrene	ND	0.039		mg/Kg-dry	1	8/1/2017
Pyridine	ND	0.79		mg/Kg-dry	1	8/1/2017
1,2,4-Trichlorobenzene	ND	0.20		mg/Kg-dry	1	8/1/2017
2,4,5-Trichlorophenol	ND	0.20		mg/Kg-dry	1	8/1/2017
2,4,6-Trichlorophenol	ND	0.20		mg/Kg-dry	1	8/1/2017
Metals by ICP/MS						
	SW6020 (SW3050B)					Prep Date: 8/1/2017 Analyst: JG
Aluminum	13000	21		mg/Kg-dry	10	8/2/2017
Antimony	ND	2.1		mg/Kg-dry	10	8/2/2017
Arsenic	11	1.1		mg/Kg-dry	10	8/2/2017
Barium	68	1.1		mg/Kg-dry	10	8/2/2017
Beryllium	0.74	0.53		mg/Kg-dry	10	8/2/2017

Qualifiers:

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Report Date: August 07, 2017

Print Date: August 07, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-34-01 (0-5')

Work Order: 17070839 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL

Collection Date: 7/27/2017 9:48:00 AM

Lab ID: 17070839-001B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed

Metals by ICP/MS

SW6020 (SW3050B)

Prep Date: 8/1/2017

Analyst: JG

Cadmium	ND	0.53		mg/Kg-dry	10	8/2/2017
Calcium	58000	64		mg/Kg-dry	10	8/2/2017
Chromium	18	1.1		mg/Kg-dry	10	8/2/2017
Cobalt	15	1.1		mg/Kg-dry	10	8/2/2017
Copper	23	2.7		mg/Kg-dry	10	8/2/2017
Iron	25000	32		mg/Kg-dry	10	8/2/2017
Lead	17	0.53		mg/Kg-dry	10	8/2/2017
Magnesium	32000	32		mg/Kg-dry	10	8/2/2017
Manganese	650	1.1		mg/Kg-dry	10	8/2/2017
Nickel	31	1.1		mg/Kg-dry	10	8/2/2017
Potassium	2000	32		mg/Kg-dry	10	8/2/2017
Selenium	ND	1.1		mg/Kg-dry	10	8/2/2017
Silver	ND	1.1		mg/Kg-dry	10	8/2/2017
Sodium	1100	64		mg/Kg-dry	10	8/2/2017
Thallium	ND	1.1		mg/Kg-dry	10	8/2/2017
Vanadium	24	1.1		mg/Kg-dry	10	8/2/2017
Zinc	64	5.3		mg/Kg-dry	10	8/2/2017

SPLP Metals by ICP/MS

SW1312/6020 (SW3005A)

Prep Date: 7/31/2017

Analyst: JG

Arsenic	0.014	0.0040		mg/L	2	8/1/2017
Barium	0.19	0.020		mg/L	2	8/1/2017
Beryllium	ND	0.0020		mg/L	2	8/1/2017
Cadmium	ND	0.0020		mg/L	2	8/1/2017
Chromium	0.022	0.0040		mg/L	2	8/1/2017
Cobalt	0.0072	0.0040		mg/L	2	8/1/2017
Copper	ND	0.040		mg/L	2	8/1/2017
Iron	25	0.10		mg/L	2	8/1/2017
Lead	0.0099	0.0020		mg/L	2	8/1/2017
Manganese	0.14	0.0040		mg/L	2	8/1/2017
Nickel	0.028	0.0040		mg/L	2	8/1/2017
Selenium	ND	0.0040		mg/L	2	8/1/2017
Silver	ND	0.0040		mg/L	2	8/1/2017
Zinc	0.075	0.020		mg/L	2	8/1/2017

TCLP Metals by ICP/MS

SW1311/6020 (SW3005A)

Prep Date: 8/2/2017

Analyst: JG

Arsenic	ND	0.010		mg/L	5	8/2/2017
Barium	0.63	0.050		mg/L	5	8/2/2017
Beryllium	ND	0.0050		mg/L	5	8/2/2017
Cadmium	ND	0.0050		mg/L	5	8/2/2017

Qualifiers:

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Report Date: August 07, 2017

Print Date: August 07, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-34-01 (0-5')

Work Order: 17070839 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 7/27/2017 9:48:00 AM

Lab ID: 17070839-001B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
TCLP Metals by ICP/MS	SW1311/6020 (SW3005A)				Prep Date: 8/2/2017	Analyst: JG
Chromium	ND	0.010		mg/L	5	8/2/2017
Cobalt	0.024	0.010		mg/L	5	8/2/2017
Copper	ND	0.10		mg/L	5	8/2/2017
Iron	ND	0.25		mg/L	5	8/2/2017
Lead	ND	0.0050		mg/L	5	8/2/2017
Manganese	4.6	0.010		mg/L	5	8/2/2017
Nickel	0.040	0.010		mg/L	5	8/2/2017
Selenium	ND	0.010		mg/L	5	8/2/2017
Silver	ND	0.010		mg/L	5	8/2/2017
Zinc	0.20	0.050		mg/L	5	8/2/2017
TCLP Mercury	SW1311/7470A				Prep Date: 8/2/2017	Analyst: LB
Mercury	ND	0.00020		mg/L	1	8/2/2017
SPLP Mercury	SW1312/7470A				Prep Date: 7/31/2017	Analyst: LB
Mercury	ND	0.00038		mg/L	1	7/31/2017
Mercury	SW7471A				Prep Date: 7/28/2017	Analyst: LB
Mercury	ND	0.022		mg/Kg-dry	1	7/31/2017
pH (25 °C)	SW9045C				Prep Date: 7/28/2017	Analyst: VA
pH	8.52			pH Units	1	7/28/2017
Percent Moisture	D2974				Prep Date: 7/28/2017	Analyst: KKA
Percent Moisture	16.2	0.2	*	wt%	1	7/29/2017

Qualifiers:

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Report Date: August 07, 2017

Print Date: August 07, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-34-01 (5-9')

Work Order: 17070839 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL

Collection Date: 7/27/2017 9:50:00 AM

Lab ID: 17070839-002A

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS		SW5035/8260B		Prep Date: 7/28/2017		Analyst: ERP
Acetone	0.084	0.074		mg/Kg-dry	1	8/3/2017
Benzene	ND	0.0050		mg/Kg-dry	1	8/3/2017
Bromodichloromethane	ND	0.0050		mg/Kg-dry	1	8/3/2017
Bromoform	ND	0.0050		mg/Kg-dry	1	8/3/2017
Bromomethane	ND	0.0099		mg/Kg-dry	1	8/3/2017
2-Butanone	ND	0.074		mg/Kg-dry	1	8/3/2017
Carbon disulfide	ND	0.050		mg/Kg-dry	1	8/3/2017
Carbon tetrachloride	ND	0.0050		mg/Kg-dry	1	8/3/2017
Chlorobenzene	ND	0.0050		mg/Kg-dry	1	8/3/2017
Chloroethane	ND	0.0099		mg/Kg-dry	1	8/3/2017
Chloroform	ND	0.0050		mg/Kg-dry	1	8/3/2017
Chloromethane	ND	0.0099		mg/Kg-dry	1	8/3/2017
Dibromochloromethane	ND	0.0050		mg/Kg-dry	1	8/3/2017
1,1-Dichloroethane	ND	0.0050		mg/Kg-dry	1	8/3/2017
1,2-Dichloroethane	ND	0.0050		mg/Kg-dry	1	8/3/2017
1,1-Dichloroethene	ND	0.0050		mg/Kg-dry	1	8/3/2017
cis-1,2-Dichloroethene	ND	0.0050		mg/Kg-dry	1	8/3/2017
trans-1,2-Dichloroethene	ND	0.0050		mg/Kg-dry	1	8/3/2017
1,2-Dichloropropane	ND	0.0050		mg/Kg-dry	1	8/3/2017
cis-1,3-Dichloropropene	ND	0.0020		mg/Kg-dry	1	8/3/2017
trans-1,3-Dichloropropene	ND	0.0020		mg/Kg-dry	1	8/3/2017
Ethylbenzene	ND	0.0050		mg/Kg-dry	1	8/3/2017
2-Hexanone	ND	0.020		mg/Kg-dry	1	8/3/2017
4-Methyl-2-pentanone	ND	0.020		mg/Kg-dry	1	8/3/2017
Methylene chloride	ND	0.0099		mg/Kg-dry	1	8/3/2017
Methyl tert-butyl ether	ND	0.0050		mg/Kg-dry	1	8/3/2017
Styrene	ND	0.0050		mg/Kg-dry	1	8/3/2017
1,1,2,2-Tetrachloroethane	ND	0.0050		mg/Kg-dry	1	8/3/2017
Tetrachloroethene	ND	0.0050		mg/Kg-dry	1	8/3/2017
Toluene	ND	0.0050		mg/Kg-dry	1	8/3/2017
1,1,1-Trichloroethane	ND	0.0050		mg/Kg-dry	1	8/3/2017
1,1,2-Trichloroethane	ND	0.0050		mg/Kg-dry	1	8/3/2017
Trichloroethene	ND	0.0050		mg/Kg-dry	1	8/3/2017
Vinyl chloride	ND	0.0050		mg/Kg-dry	1	8/3/2017
Xylenes, Total	ND	0.015		mg/Kg-dry	1	8/3/2017

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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Report Date: August 07, 2017

Print Date: August 07, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-34-01 (5-9')

Work Order: 17070839 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL

Collection Date: 7/27/2017 9:50:00 AM

Lab ID: 17070839-002B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS		SW8270C (SW3550B)			Prep Date: 7/31/2017	Analyst: ERP
Acenaphthene	ND	0.040		mg/Kg-dry	1	8/1/2017
Acenaphthylene	ND	0.040		mg/Kg-dry	1	8/1/2017
Aniline	ND	0.40		mg/Kg-dry	1	8/1/2017
Anthracene	ND	0.040		mg/Kg-dry	1	8/1/2017
Benz(a)anthracene	ND	0.040		mg/Kg-dry	1	8/1/2017
Benzidine	ND	0.40		mg/Kg-dry	1	8/1/2017
Benzo(a)pyrene	ND	0.040		mg/Kg-dry	1	8/1/2017
Benzo(b)fluoranthene	ND	0.040		mg/Kg-dry	1	8/1/2017
Benzo(g,h,i)perylene	ND	0.040		mg/Kg-dry	1	8/1/2017
Benzo(k)fluoranthene	ND	0.040		mg/Kg-dry	1	8/1/2017
Benzoic acid	ND	1.0		mg/Kg-dry	1	8/1/2017
Benzyl alcohol	ND	0.20		mg/Kg-dry	1	8/1/2017
Bis(2-chloroethoxy)methane	ND	0.20		mg/Kg-dry	1	8/1/2017
Bis(2-chloroethyl)ether	ND	0.20		mg/Kg-dry	1	8/1/2017
Bis(2-ethylhexyl)phthalate	ND	1.0		mg/Kg-dry	1	8/1/2017
4-Bromophenyl phenyl ether	ND	0.20		mg/Kg-dry	1	8/1/2017
Butyl benzyl phthalate	ND	0.20		mg/Kg-dry	1	8/1/2017
Carbazole	ND	0.20		mg/Kg-dry	1	8/1/2017
4-Chloroaniline	ND	0.20		mg/Kg-dry	1	8/1/2017
4-Chloro-3-methylphenol	ND	0.40		mg/Kg-dry	1	8/1/2017
2-Chloronaphthalene	ND	0.20		mg/Kg-dry	1	8/1/2017
2-Chlorophenol	ND	0.20		mg/Kg-dry	1	8/1/2017
4-Chlorophenyl phenyl ether	ND	0.20		mg/Kg-dry	1	8/1/2017
Chrysene	ND	0.040		mg/Kg-dry	1	8/1/2017
Dibenz(a,h)anthracene	ND	0.040		mg/Kg-dry	1	8/1/2017
Dibenzofuran	ND	0.20		mg/Kg-dry	1	8/1/2017
1,2-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	8/1/2017
1,3-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	8/1/2017
1,4-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	8/1/2017
3,3'-Dichlorobenzidine	ND	0.20		mg/Kg-dry	1	8/1/2017
2,4-Dichlorophenol	ND	0.20		mg/Kg-dry	1	8/1/2017
Diethyl phthalate	ND	0.20		mg/Kg-dry	1	8/1/2017
2,4-Dimethylphenol	ND	0.20		mg/Kg-dry	1	8/1/2017
Dimethyl phthalate	ND	0.20		mg/Kg-dry	1	8/1/2017
4,6-Dinitro-2-methylphenol	ND	0.40		mg/Kg-dry	1	8/1/2017
2,4-Dinitrophenol	ND	1.0		mg/Kg-dry	1	8/1/2017
2,4-Dinitrotoluene	ND	0.040		mg/Kg-dry	1	8/1/2017
2,6-Dinitrotoluene	ND	0.040		mg/Kg-dry	1	8/1/2017

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

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E - Value above quantitation range

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

Report Date: August 07, 2017

Print Date: August 07, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-34-01 (5-9')

Work Order: 17070839 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL

Collection Date: 7/27/2017 9:50:00 AM

Lab ID: 17070839-002B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS						
	SW8270C (SW3550B)				Prep Date: 7/31/2017	Analyst: ERP
Di-n-butyl phthalate	ND	0.20		mg/Kg-dry	1	8/1/2017
Di-n-octyl phthalate	ND	0.20		mg/Kg-dry	1	8/1/2017
Fluoranthene	ND	0.040		mg/Kg-dry	1	8/1/2017
Fluorene	ND	0.040		mg/Kg-dry	1	8/1/2017
Hexachlorobenzene	ND	0.20		mg/Kg-dry	1	8/1/2017
Hexachlorobutadiene	ND	0.20		mg/Kg-dry	1	8/1/2017
Hexachlorocyclopentadiene	ND	0.20		mg/Kg-dry	1	8/1/2017
Hexachloroethane	ND	0.20		mg/Kg-dry	1	8/1/2017
Indeno(1,2,3-cd)pyrene	ND	0.040		mg/Kg-dry	1	8/1/2017
Isophorone	ND	0.20		mg/Kg-dry	1	8/1/2017
2-Methylnaphthalene	ND	0.20		mg/Kg-dry	1	8/1/2017
2-Methylphenol	ND	0.20		mg/Kg-dry	1	8/1/2017
4-Methylphenol	ND	0.20		mg/Kg-dry	1	8/1/2017
Naphthalene	ND	0.040		mg/Kg-dry	1	8/1/2017
2-Nitroaniline	ND	0.20		mg/Kg-dry	1	8/1/2017
3-Nitroaniline	ND	0.20		mg/Kg-dry	1	8/1/2017
4-Nitroaniline	ND	0.20		mg/Kg-dry	1	8/1/2017
2-Nitrophenol	ND	0.20		mg/Kg-dry	1	8/1/2017
4-Nitrophenol	ND	0.40		mg/Kg-dry	1	8/1/2017
Nitrobenzene	ND	0.040		mg/Kg-dry	1	8/1/2017
N-Nitrosodi-n-propylamine	ND	0.040		mg/Kg-dry	1	8/1/2017
N-Nitrosodimethylamine	ND	0.20		mg/Kg-dry	1	8/1/2017
N-Nitrosodiphenylamine	ND	0.20		mg/Kg-dry	1	8/1/2017
2, 2'-oxybis(1-Chloropropane)	ND	0.20		mg/Kg-dry	1	8/1/2017
Pentachlorophenol	ND	0.080		mg/Kg-dry	1	8/1/2017
Phenanthrene	ND	0.040		mg/Kg-dry	1	8/1/2017
Phenol	ND	0.20		mg/Kg-dry	1	8/1/2017
Pyrene	ND	0.040		mg/Kg-dry	1	8/1/2017
Pyridine	ND	0.80		mg/Kg-dry	1	8/1/2017
1,2,4-Trichlorobenzene	ND	0.20		mg/Kg-dry	1	8/1/2017
2,4,5-Trichlorophenol	ND	0.20		mg/Kg-dry	1	8/1/2017
2,4,6-Trichlorophenol	ND	0.20		mg/Kg-dry	1	8/1/2017
Metals by ICP/MS						
	SW6020 (SW3050B)				Prep Date: 8/1/2017	Analyst: JG
Aluminum	14000	20		mg/Kg-dry	10	8/2/2017
Antimony	ND	2.0		mg/Kg-dry	10	8/2/2017
Arsenic	13	1.0		mg/Kg-dry	10	8/2/2017
Barium	90	1.0		mg/Kg-dry	10	8/2/2017
Beryllium	0.87	0.50		mg/Kg-dry	10	8/2/2017

Qualifiers:

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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

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

Report Date: August 07, 2017

Print Date: August 07, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-34-01 (5-9')

Work Order: 17070839 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL

Collection Date: 7/27/2017 9:50:00 AM

Lab ID: 17070839-002B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed

Metals by ICP/MS

SW6020 (SW3050B)

Prep Date: 8/1/2017

Analyst: JG

Cadmium	ND	0.50		mg/Kg-dry	10	8/2/2017
Calcium	64000	60		mg/Kg-dry	10	8/2/2017
Chromium	20	1.0		mg/Kg-dry	10	8/2/2017
Cobalt	15	1.0		mg/Kg-dry	10	8/2/2017
Copper	26	2.5		mg/Kg-dry	10	8/2/2017
Iron	29000	30		mg/Kg-dry	10	8/2/2017
Lead	21	0.50		mg/Kg-dry	10	8/2/2017
Magnesium	38000	30		mg/Kg-dry	10	8/2/2017
Manganese	940	1.0		mg/Kg-dry	10	8/2/2017
Nickel	33	1.0		mg/Kg-dry	10	8/2/2017
Potassium	2000	30		mg/Kg-dry	10	8/2/2017
Selenium	ND	1.0		mg/Kg-dry	10	8/2/2017
Silver	ND	1.0		mg/Kg-dry	10	8/2/2017
Sodium	1400	60		mg/Kg-dry	10	8/2/2017
Thallium	ND	1.0		mg/Kg-dry	10	8/2/2017
Vanadium	27	1.0		mg/Kg-dry	10	8/2/2017
Zinc	76	5.0		mg/Kg-dry	10	8/2/2017

SPLP Metals by ICP/MS

SW1312/6020 (SW3005A)

Prep Date: 7/31/2017

Analyst: JG

Arsenic	0.0043	0.0040		mg/L	2	8/1/2017
Barium	0.046	0.020		mg/L	2	8/1/2017
Beryllium	ND	0.0020		mg/L	2	8/1/2017
Cadmium	ND	0.0020		mg/L	2	8/1/2017
Chromium	0.0060	0.0040		mg/L	2	8/1/2017
Cobalt	ND	0.0040		mg/L	2	8/1/2017
Copper	ND	0.040		mg/L	2	8/1/2017
Iron	3.8	0.10		mg/L	2	8/1/2017
Lead	ND	0.0020		mg/L	2	8/1/2017
Manganese	0.031	0.0040		mg/L	2	8/1/2017
Nickel	0.0041	0.0040		mg/L	2	8/1/2017
Selenium	ND	0.0040		mg/L	2	8/1/2017
Silver	ND	0.0040		mg/L	2	8/1/2017
Zinc	ND	0.020		mg/L	2	8/1/2017

TCLP Metals by ICP/MS

SW1311/6020 (SW3005A)

Prep Date: 7/31/2017

Analyst: JG

Arsenic	ND	0.010		mg/L	5	8/2/2017
Barium	0.67	0.050		mg/L	5	8/2/2017
Beryllium	ND	0.0050		mg/L	5	8/2/2017
Cadmium	ND	0.0050		mg/L	5	8/2/2017

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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E - Value above quantitation range

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Report Date: August 07, 2017

Print Date: August 07, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-34-01 (5-9')

Work Order: 17070839 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 7/27/2017 9:50:00 AM

Lab ID: 17070839-002B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
TCLP Metals by ICP/MS	SW1311/6020 (SW3005A)					Prep Date: 7/31/2017 Analyst: JG
Chromium	ND	0.010		mg/L	5	8/2/2017
Cobalt	ND	0.010		mg/L	5	8/2/2017
Copper	ND	0.10		mg/L	5	8/2/2017
Iron	ND	0.25		mg/L	5	8/2/2017
Lead	ND	0.0050		mg/L	5	8/2/2017
Manganese	0.68	0.010		mg/L	5	8/2/2017
Nickel	ND	0.010		mg/L	5	8/2/2017
Selenium	ND	0.010		mg/L	5	8/2/2017
Silver	ND	0.010		mg/L	5	8/2/2017
Zinc	0.13	0.050		mg/L	5	8/2/2017
TCLP Mercury	SW1311/7470A					Prep Date: 8/2/2017 Analyst: LB
Mercury	ND	0.00020		mg/L	1	8/2/2017
SPLP Mercury	SW1312/7470A					Prep Date: 7/31/2017 Analyst: LB
Mercury	ND	0.00025		mg/L	1	7/31/2017
Mercury	SW7471A					Prep Date: 7/28/2017 Analyst: LB
Mercury	ND	0.021		mg/Kg-dry	1	7/31/2017
pH (25 °C)	SW9045C					Prep Date: 7/28/2017 Analyst: VA
pH	8.41			pH Units	1	7/28/2017
Percent Moisture	D2974					Prep Date: 7/28/2017 Analyst: KKA
Percent Moisture	16.8	0.2	*	wt%	1	7/29/2017

Qualifiers:

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Report Date: August 18, 2017

Print Date: August 18, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-43-05 (0-5)

Work Order: 17080286 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL

Collection Date: 8/7/2017 12:13:00 PM

Lab ID: 17080286-020A

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS		SW5035/8260B		Prep Date: 8/9/2017		Analyst: ERP
Acetone	ND	0.071		mg/Kg-dry	1	8/15/2017
Benzene	ND	0.0047		mg/Kg-dry	1	8/15/2017
Bromodichloromethane	ND	0.0047		mg/Kg-dry	1	8/15/2017
Bromoform	ND	0.0047		mg/Kg-dry	1	8/15/2017
Bromomethane	ND	0.0094		mg/Kg-dry	1	8/15/2017
2-Butanone	ND	0.071		mg/Kg-dry	1	8/15/2017
Carbon disulfide	ND	0.047		mg/Kg-dry	1	8/15/2017
Carbon tetrachloride	ND	0.0047		mg/Kg-dry	1	8/15/2017
Chlorobenzene	ND	0.0047		mg/Kg-dry	1	8/15/2017
Chloroethane	ND	0.0094		mg/Kg-dry	1	8/15/2017
Chloroform	ND	0.0047		mg/Kg-dry	1	8/15/2017
Chloromethane	ND	0.0094		mg/Kg-dry	1	8/15/2017
Dibromochloromethane	ND	0.0047		mg/Kg-dry	1	8/15/2017
1,1-Dichloroethane	ND	0.0047		mg/Kg-dry	1	8/15/2017
1,2-Dichloroethane	ND	0.0047		mg/Kg-dry	1	8/15/2017
1,1-Dichloroethene	ND	0.0047		mg/Kg-dry	1	8/15/2017
cis-1,2-Dichloroethene	ND	0.0047		mg/Kg-dry	1	8/15/2017
trans-1,2-Dichloroethene	ND	0.0047		mg/Kg-dry	1	8/15/2017
1,2-Dichloropropane	ND	0.0047		mg/Kg-dry	1	8/15/2017
cis-1,3-Dichloropropene	ND	0.0019		mg/Kg-dry	1	8/15/2017
trans-1,3-Dichloropropene	ND	0.0019		mg/Kg-dry	1	8/15/2017
Ethylbenzene	ND	0.0047		mg/Kg-dry	1	8/15/2017
2-Hexanone	ND	0.019		mg/Kg-dry	1	8/15/2017
4-Methyl-2-pentanone	ND	0.019		mg/Kg-dry	1	8/15/2017
Methylene chloride	ND	0.0094		mg/Kg-dry	1	8/15/2017
Methyl tert-butyl ether	ND	0.0047		mg/Kg-dry	1	8/15/2017
Styrene	ND	0.0047		mg/Kg-dry	1	8/15/2017
1,1,2,2-Tetrachloroethane	ND	0.0047		mg/Kg-dry	1	8/15/2017
Tetrachloroethene	ND	0.0047		mg/Kg-dry	1	8/15/2017
Toluene	ND	0.0047		mg/Kg-dry	1	8/15/2017
1,1,1-Trichloroethane	ND	0.0047		mg/Kg-dry	1	8/15/2017
1,1,2-Trichloroethane	ND	0.0047		mg/Kg-dry	1	8/15/2017
Trichloroethene	ND	0.0047		mg/Kg-dry	1	8/15/2017
Vinyl chloride	ND	0.0047		mg/Kg-dry	1	8/15/2017
Xylenes, Total	ND	0.014		mg/Kg-dry	1	8/15/2017

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

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

Report Date: August 18, 2017

Print Date: August 18, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-43-05 (0-5)

Work Order: 17080286 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL

Collection Date: 8/7/2017 12:13:00 PM

Lab ID: 17080286-020B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS		SW8270C (SW3550B)		Prep Date: 8/10/2017		Analyst: MEP
Acenaphthene	ND	0.038		mg/Kg-dry	1	8/14/2017
Acenaphthylene	ND	0.038		mg/Kg-dry	1	8/14/2017
Aniline	ND	0.39		mg/Kg-dry	1	8/14/2017
Anthracene	ND	0.038		mg/Kg-dry	1	8/14/2017
Benz(a)anthracene	ND	0.038		mg/Kg-dry	1	8/14/2017
Benzidine	ND	0.38		mg/Kg-dry	1	8/14/2017
Benzo(a)pyrene	ND	0.038		mg/Kg-dry	1	8/14/2017
Benzo(b)fluoranthene	ND	0.038		mg/Kg-dry	1	8/14/2017
Benzo(g,h,i)perylene	ND	0.038		mg/Kg-dry	1	8/14/2017
Benzo(k)fluoranthene	ND	0.038		mg/Kg-dry	1	8/14/2017
Benzoic acid	ND	0.96		mg/Kg-dry	1	8/14/2017
Benzyl alcohol	ND	0.20		mg/Kg-dry	1	8/14/2017
Bis(2-chloroethoxy)methane	ND	0.20		mg/Kg-dry	1	8/14/2017
Bis(2-chloroethyl)ether	ND	0.20		mg/Kg-dry	1	8/14/2017
Bis(2-ethylhexyl)phthalate	ND	0.96		mg/Kg-dry	1	8/14/2017
4-Bromophenyl phenyl ether	ND	0.20		mg/Kg-dry	1	8/14/2017
Butyl benzyl phthalate	ND	0.20		mg/Kg-dry	1	8/14/2017
Carbazole	ND	0.20		mg/Kg-dry	1	8/14/2017
4-Chloroaniline	ND	0.20		mg/Kg-dry	1	8/14/2017
4-Chloro-3-methylphenol	ND	0.38		mg/Kg-dry	1	8/14/2017
2-Chloronaphthalene	ND	0.20		mg/Kg-dry	1	8/14/2017
2-Chlorophenol	ND	0.20		mg/Kg-dry	1	8/14/2017
4-Chlorophenyl phenyl ether	ND	0.20		mg/Kg-dry	1	8/14/2017
Chrysene	ND	0.038		mg/Kg-dry	1	8/14/2017
Dibenz(a,h)anthracene	ND	0.038		mg/Kg-dry	1	8/14/2017
Dibenzofuran	ND	0.20		mg/Kg-dry	1	8/14/2017
1,2-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	8/14/2017
1,3-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	8/14/2017
1,4-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	8/14/2017
3,3'-Dichlorobenzidine	ND	0.20		mg/Kg-dry	1	8/14/2017
2,4-Dichlorophenol	ND	0.20		mg/Kg-dry	1	8/14/2017
Diethyl phthalate	ND	0.20		mg/Kg-dry	1	8/14/2017
2,4-Dimethylphenol	ND	0.20		mg/Kg-dry	1	8/14/2017
Dimethyl phthalate	ND	0.20		mg/Kg-dry	1	8/14/2017
4,6-Dinitro-2-methylphenol	ND	0.38		mg/Kg-dry	1	8/14/2017
2,4-Dinitrophenol	ND	0.96		mg/Kg-dry	1	8/14/2017
2,4-Dinitrotoluene	ND	0.038		mg/Kg-dry	1	8/14/2017
2,6-Dinitrotoluene	ND	0.038		mg/Kg-dry	1	8/14/2017

Qualifiers:

ND - Not Detected at the Reporting Limit

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B - Analyte detected in the associated Method Blank

HT - Sample received past holding time

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Report Date: August 18, 2017

Print Date: August 18, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-43-05 (0-5)

Work Order: 17080286 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 8/7/2017 12:13:00 PM

Lab ID: 17080286-020B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS						
	SW8270C (SW3550B)					Prep Date: 8/10/2017 Analyst: MEP
Di-n-butyl phthalate	ND	0.20		mg/Kg-dry	1	8/14/2017
Di-n-octyl phthalate	ND	0.20		mg/Kg-dry	1	8/14/2017
Fluoranthene	ND	0.038		mg/Kg-dry	1	8/14/2017
Fluorene	ND	0.038		mg/Kg-dry	1	8/14/2017
Hexachlorobenzene	ND	0.20		mg/Kg-dry	1	8/14/2017
Hexachlorobutadiene	ND	0.20		mg/Kg-dry	1	8/14/2017
Hexachlorocyclopentadiene	ND	0.20		mg/Kg-dry	1	8/14/2017
Hexachloroethane	ND	0.20		mg/Kg-dry	1	8/14/2017
Indeno(1,2,3-cd)pyrene	ND	0.038		mg/Kg-dry	1	8/14/2017
Isophorone	ND	0.20		mg/Kg-dry	1	8/14/2017
2-Methylnaphthalene	ND	0.20		mg/Kg-dry	1	8/14/2017
2-Methylphenol	ND	0.20		mg/Kg-dry	1	8/14/2017
4-Methylphenol	ND	0.20		mg/Kg-dry	1	8/14/2017
Naphthalene	ND	0.038		mg/Kg-dry	1	8/14/2017
2-Nitroaniline	ND	0.20		mg/Kg-dry	1	8/14/2017
3-Nitroaniline	ND	0.20		mg/Kg-dry	1	8/14/2017
4-Nitroaniline	ND	0.20		mg/Kg-dry	1	8/14/2017
2-Nitrophenol	ND	0.20		mg/Kg-dry	1	8/14/2017
4-Nitrophenol	ND	0.38		mg/Kg-dry	1	8/14/2017
Nitrobenzene	ND	0.038		mg/Kg-dry	1	8/14/2017
N-Nitrosodi-n-propylamine	ND	0.038		mg/Kg-dry	1	8/14/2017
N-Nitrosodimethylamine	ND	0.20		mg/Kg-dry	1	8/14/2017
N-Nitrosodiphenylamine	ND	0.20		mg/Kg-dry	1	8/14/2017
2, 2'-oxybis(1-Chloropropane)	ND	0.20		mg/Kg-dry	1	8/14/2017
Pentachlorophenol	ND	0.078		mg/Kg-dry	1	8/14/2017
Phenanthrene	ND	0.038		mg/Kg-dry	1	8/14/2017
Phenol	ND	0.20		mg/Kg-dry	1	8/14/2017
Pyrene	ND	0.038		mg/Kg-dry	1	8/14/2017
Pyridine	ND	0.78		mg/Kg-dry	1	8/14/2017
1,2,4-Trichlorobenzene	ND	0.20		mg/Kg-dry	1	8/14/2017
2,4,5-Trichlorophenol	ND	0.20		mg/Kg-dry	1	8/14/2017
2,4,6-Trichlorophenol	ND	0.20		mg/Kg-dry	1	8/14/2017
Metals by ICP/MS						
	SW6020 (SW3050B)					Prep Date: 8/10/2017 Analyst: JG
Aluminum	12000	20		mg/Kg-dry	10	8/13/2017
Antimony	ND	2.0		mg/Kg-dry	10	8/13/2017
Arsenic	8.5	1.0		mg/Kg-dry	10	8/14/2017
Barium	63	1.0		mg/Kg-dry	10	8/13/2017
Beryllium	0.54	0.50		mg/Kg-dry	10	8/14/2017

Qualifiers:

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HT - Sample received past holding time

* - Non-accredited parameter

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S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

H - Holding time exceeded

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

Report Date: August 18, 2017

Print Date: August 18, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-43-05 (0-5)

Work Order: 17080286 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 8/7/2017 12:13:00 PM

Lab ID: 17080286-020B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed

Metals by ICP/MS

SW6020 (SW3050B)

Prep Date: 8/10/2017

Analyst: JG

Cadmium	ND	0.50		mg/Kg-dry	10	8/14/2017
Calcium	81000	60		mg/Kg-dry	10	8/13/2017
Chromium	21	1.0		mg/Kg-dry	10	8/13/2017
Cobalt	13	1.0		mg/Kg-dry	10	8/13/2017
Copper	31	2.5		mg/Kg-dry	10	8/13/2017
Iron	28000	30		mg/Kg-dry	10	8/13/2017
Lead	58	0.50		mg/Kg-dry	10	8/13/2017
Magnesium	45000	30		mg/Kg-dry	10	8/13/2017
Manganese	600	1.0		mg/Kg-dry	10	8/13/2017
Nickel	31	1.0		mg/Kg-dry	10	8/13/2017
Potassium	2000	30		mg/Kg-dry	10	8/13/2017
Selenium	ND	1.0		mg/Kg-dry	10	8/13/2017
Silver	ND	1.0		mg/Kg-dry	10	8/13/2017
Sodium	2000	60		mg/Kg-dry	10	8/13/2017
Thallium	ND	1.0		mg/Kg-dry	10	8/13/2017
Vanadium	26	1.0		mg/Kg-dry	10	8/13/2017
Zinc	79	5.0		mg/Kg-dry	10	8/13/2017

SPLP Metals by ICP/MS

SW1312/6020 (SW3005A)

Prep Date: 8/12/2017

Analyst: JG

Arsenic	0.0072	0.0040		mg/L	2	8/16/2017
Barium	0.048	0.020		mg/L	2	8/16/2017
Beryllium	ND	0.0020		mg/L	2	8/16/2017
Cadmium	ND	0.0020		mg/L	2	8/16/2017
Chromium	0.016	0.0040		mg/L	2	8/16/2017
Cobalt	0.0074	0.0040		mg/L	2	8/16/2017
Copper	ND	0.040		mg/L	2	8/16/2017
Iron	16	0.10		mg/L	2	8/16/2017
Lead	0.017	0.0020		mg/L	2	8/16/2017
Manganese	0.18	0.0040		mg/L	2	8/16/2017
Nickel	0.019	0.0040		mg/L	2	8/16/2017
Selenium	ND	0.0040		mg/L	2	8/16/2017
Silver	ND	0.0040		mg/L	2	8/16/2017
Zinc	0.070	0.020		mg/L	2	8/16/2017

TCLP Metals by ICP/MS

SW1311/6020 (SW3005A)

Prep Date: 8/16/2017

Analyst: JG

Arsenic	ND	0.010		mg/L	5	8/17/2017
Barium	0.36	0.050		mg/L	5	8/17/2017
Beryllium	ND	0.0050		mg/L	5	8/17/2017
Cadmium	ND	0.0050		mg/L	5	8/17/2017

Qualifiers:

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R - RPD outside accepted recovery limits

E - Value above quantitation range

H - Holding time exceeded

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

Report Date: August 18, 2017

Print Date: August 18, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-43-05 (0-5)

Work Order: 17080286 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL

Collection Date: 8/7/2017 12:13:00 PM

Lab ID: 17080286-020B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
TCLP Metals by ICP/MS	SW1311/6020 (SW3005A)		Prep Date: 8/16/2017		Analyst: JG	
Chromium	ND	0.010		mg/L	5	8/17/2017
Cobalt	0.019	0.010		mg/L	5	8/17/2017
Copper	ND	0.10		mg/L	5	8/17/2017
Iron	ND	0.25		mg/L	5	8/17/2017
Lead	0.0091	0.0050		mg/L	5	8/17/2017
Manganese	6.6	0.010		mg/L	5	8/17/2017
Nickel	0.022	0.010		mg/L	5	8/17/2017
Selenium	ND	0.010		mg/L	5	8/17/2017
Silver	ND	0.010		mg/L	5	8/17/2017
Zinc	ND	0.050		mg/L	5	8/17/2017
TCLP Mercury	SW1311/7470A		Prep Date: 8/16/2017		Analyst: LB	
Mercury	ND	0.00020		mg/L	1	8/16/2017
SPLP Mercury	SW1312/7470A		Prep Date: 8/14/2017		Analyst: LB	
Mercury	ND	0.00025		mg/L	1	8/14/2017
Mercury	SW7471A		Prep Date: 8/11/2017		Analyst: LB	
Mercury	0.027	0.021		mg/Kg-dry	1	8/14/2017
pH (25 °C)	SW9045C		Prep Date: 8/14/2017		Analyst: RW	
pH	8.38			pH Units	1	8/14/2017
Percent Moisture	D2974		Prep Date: 8/10/2017		Analyst: KKA	
Percent Moisture	14.9	0.2	*	wt%	1	8/11/2017

Qualifiers:

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E - Value above quantitation range

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Report Date: August 18, 2017

Print Date: August 18, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-43-05 (5-9)

Work Order: 17080286 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 8/7/2017 12:16:00 PM

Lab ID: 17080286-021A

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS		SW5035/8260B			Prep Date: 8/9/2017	Analyst: ERP
Acetone	ND	0.064		mg/Kg-dry	1	8/15/2017
Benzene	ND	0.0043		mg/Kg-dry	1	8/15/2017
Bromodichloromethane	ND	0.0043		mg/Kg-dry	1	8/15/2017
Bromoform	ND	0.0043		mg/Kg-dry	1	8/15/2017
Bromomethane	ND	0.0086		mg/Kg-dry	1	8/15/2017
2-Butanone	ND	0.064		mg/Kg-dry	1	8/15/2017
Carbon disulfide	ND	0.043		mg/Kg-dry	1	8/15/2017
Carbon tetrachloride	ND	0.0043		mg/Kg-dry	1	8/15/2017
Chlorobenzene	ND	0.0043		mg/Kg-dry	1	8/15/2017
Chloroethane	ND	0.0086		mg/Kg-dry	1	8/15/2017
Chloroform	ND	0.0043		mg/Kg-dry	1	8/15/2017
Chloromethane	ND	0.0086		mg/Kg-dry	1	8/15/2017
Dibromochloromethane	ND	0.0043		mg/Kg-dry	1	8/15/2017
1,1-Dichloroethane	ND	0.0043		mg/Kg-dry	1	8/15/2017
1,2-Dichloroethane	ND	0.0043		mg/Kg-dry	1	8/15/2017
1,1-Dichloroethene	ND	0.0043		mg/Kg-dry	1	8/15/2017
cis-1,2-Dichloroethene	ND	0.0043		mg/Kg-dry	1	8/15/2017
trans-1,2-Dichloroethene	ND	0.0043		mg/Kg-dry	1	8/15/2017
1,2-Dichloropropane	ND	0.0043		mg/Kg-dry	1	8/15/2017
cis-1,3-Dichloropropene	ND	0.0017		mg/Kg-dry	1	8/15/2017
trans-1,3-Dichloropropene	ND	0.0017		mg/Kg-dry	1	8/15/2017
Ethylbenzene	ND	0.0043		mg/Kg-dry	1	8/15/2017
2-Hexanone	ND	0.017		mg/Kg-dry	1	8/15/2017
4-Methyl-2-pentanone	ND	0.017		mg/Kg-dry	1	8/15/2017
Methylene chloride	ND	0.0086		mg/Kg-dry	1	8/15/2017
Methyl tert-butyl ether	ND	0.0043		mg/Kg-dry	1	8/15/2017
Styrene	ND	0.0043		mg/Kg-dry	1	8/15/2017
1,1,2,2-Tetrachloroethane	ND	0.0043		mg/Kg-dry	1	8/15/2017
Tetrachloroethene	ND	0.0043		mg/Kg-dry	1	8/15/2017
Toluene	ND	0.0043		mg/Kg-dry	1	8/15/2017
1,1,1-Trichloroethane	ND	0.0043		mg/Kg-dry	1	8/15/2017
1,1,2-Trichloroethane	ND	0.0043		mg/Kg-dry	1	8/15/2017
Trichloroethene	ND	0.0043		mg/Kg-dry	1	8/15/2017
Vinyl chloride	ND	0.0043		mg/Kg-dry	1	8/15/2017
Xylenes, Total	ND	0.013		mg/Kg-dry	1	8/15/2017

Qualifiers:

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Report Date: August 18, 2017

Print Date: August 18, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-43-05 (5-9)

Work Order: 17080286 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 8/7/2017 12:16:00 PM

Lab ID: 17080286-021B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS		SW8270C (SW3550B)		Prep Date: 8/10/2017		Analyst: MEP
Acenaphthene	ND	0.038		mg/Kg-dry	1	8/14/2017
Acenaphthylene	ND	0.038		mg/Kg-dry	1	8/14/2017
Aniline	ND	0.38		mg/Kg-dry	1	8/14/2017
Anthracene	ND	0.038		mg/Kg-dry	1	8/14/2017
Benz(a)anthracene	ND	0.038		mg/Kg-dry	1	8/14/2017
Benzidine	ND	0.38		mg/Kg-dry	1	8/14/2017
Benzo(a)pyrene	ND	0.038		mg/Kg-dry	1	8/14/2017
Benzo(b)fluoranthene	ND	0.038		mg/Kg-dry	1	8/14/2017
Benzo(g,h,i)perylene	ND	0.038		mg/Kg-dry	1	8/14/2017
Benzo(k)fluoranthene	ND	0.038		mg/Kg-dry	1	8/14/2017
Benzoic acid	ND	0.95		mg/Kg-dry	1	8/14/2017
Benzyl alcohol	ND	0.20		mg/Kg-dry	1	8/14/2017
Bis(2-chloroethoxy)methane	ND	0.20		mg/Kg-dry	1	8/14/2017
Bis(2-chloroethyl)ether	ND	0.20		mg/Kg-dry	1	8/14/2017
Bis(2-ethylhexyl)phthalate	ND	0.95		mg/Kg-dry	1	8/14/2017
4-Bromophenyl phenyl ether	ND	0.20		mg/Kg-dry	1	8/14/2017
Butyl benzyl phthalate	ND	0.20		mg/Kg-dry	1	8/14/2017
Carbazole	ND	0.20		mg/Kg-dry	1	8/14/2017
4-Chloroaniline	ND	0.20		mg/Kg-dry	1	8/14/2017
4-Chloro-3-methylphenol	ND	0.38		mg/Kg-dry	1	8/14/2017
2-Chloronaphthalene	ND	0.20		mg/Kg-dry	1	8/14/2017
2-Chlorophenol	ND	0.20		mg/Kg-dry	1	8/14/2017
4-Chlorophenyl phenyl ether	ND	0.20		mg/Kg-dry	1	8/14/2017
Chrysene	ND	0.038		mg/Kg-dry	1	8/14/2017
Dibenz(a,h)anthracene	ND	0.038		mg/Kg-dry	1	8/14/2017
Dibenzofuran	ND	0.20		mg/Kg-dry	1	8/14/2017
1,2-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	8/14/2017
1,3-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	8/14/2017
1,4-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	8/14/2017
3,3'-Dichlorobenzidine	ND	0.20		mg/Kg-dry	1	8/14/2017
2,4-Dichlorophenol	ND	0.20		mg/Kg-dry	1	8/14/2017
Diethyl phthalate	ND	0.20		mg/Kg-dry	1	8/14/2017
2,4-Dimethylphenol	ND	0.20		mg/Kg-dry	1	8/14/2017
Dimethyl phthalate	ND	0.20		mg/Kg-dry	1	8/14/2017
4,6-Dinitro-2-methylphenol	ND	0.38		mg/Kg-dry	1	8/14/2017
2,4-Dinitrophenol	ND	0.95		mg/Kg-dry	1	8/14/2017
2,4-Dinitrotoluene	ND	0.038		mg/Kg-dry	1	8/14/2017
2,6-Dinitrotoluene	ND	0.038		mg/Kg-dry	1	8/14/2017

Qualifiers:

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J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

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Report Date: August 18, 2017

Print Date: August 18, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-43-05 (5-9)

Work Order: 17080286 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 8/7/2017 12:16:00 PM

Lab ID: 17080286-021B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS						
	SW8270C (SW3550B)				Prep Date: 8/10/2017	Analyst: MEP
Di-n-butyl phthalate	ND	0.20		mg/Kg-dry	1	8/14/2017
Di-n-octyl phthalate	ND	0.20		mg/Kg-dry	1	8/14/2017
Fluoranthene	ND	0.038		mg/Kg-dry	1	8/14/2017
Fluorene	ND	0.038		mg/Kg-dry	1	8/14/2017
Hexachlorobenzene	ND	0.20		mg/Kg-dry	1	8/14/2017
Hexachlorobutadiene	ND	0.20		mg/Kg-dry	1	8/14/2017
Hexachlorocyclopentadiene	ND	0.20		mg/Kg-dry	1	8/14/2017
Hexachloroethane	ND	0.20		mg/Kg-dry	1	8/14/2017
Indeno(1,2,3-cd)pyrene	ND	0.038		mg/Kg-dry	1	8/14/2017
Isophorone	ND	0.20		mg/Kg-dry	1	8/14/2017
2-Methylnaphthalene	ND	0.20		mg/Kg-dry	1	8/14/2017
2-Methylphenol	ND	0.20		mg/Kg-dry	1	8/14/2017
4-Methylphenol	ND	0.20		mg/Kg-dry	1	8/14/2017
Naphthalene	ND	0.038		mg/Kg-dry	1	8/14/2017
2-Nitroaniline	ND	0.20		mg/Kg-dry	1	8/14/2017
3-Nitroaniline	ND	0.20		mg/Kg-dry	1	8/14/2017
4-Nitroaniline	ND	0.20		mg/Kg-dry	1	8/14/2017
2-Nitrophenol	ND	0.20		mg/Kg-dry	1	8/14/2017
4-Nitrophenol	ND	0.38		mg/Kg-dry	1	8/14/2017
Nitrobenzene	ND	0.038		mg/Kg-dry	1	8/14/2017
N-Nitrosodi-n-propylamine	ND	0.038		mg/Kg-dry	1	8/14/2017
N-Nitrosodimethylamine	ND	0.20		mg/Kg-dry	1	8/14/2017
N-Nitrosodiphenylamine	ND	0.20		mg/Kg-dry	1	8/14/2017
2, 2'-oxybis(1-Chloropropane)	ND	0.20		mg/Kg-dry	1	8/14/2017
Pentachlorophenol	ND	0.077		mg/Kg-dry	1	8/14/2017
Phenanthrene	ND	0.038		mg/Kg-dry	1	8/14/2017
Phenol	ND	0.20		mg/Kg-dry	1	8/14/2017
Pyrene	ND	0.038		mg/Kg-dry	1	8/14/2017
Pyridine	ND	0.77		mg/Kg-dry	1	8/14/2017
1,2,4-Trichlorobenzene	ND	0.20		mg/Kg-dry	1	8/14/2017
2,4,5-Trichlorophenol	ND	0.20		mg/Kg-dry	1	8/14/2017
2,4,6-Trichlorophenol	ND	0.20		mg/Kg-dry	1	8/14/2017
Metals by ICP/MS						
	SW6020 (SW3050B)				Prep Date: 8/10/2017	Analyst: JG
Aluminum	6000	20		mg/Kg-dry	10	8/14/2017
Antimony	ND	2.0		mg/Kg-dry	10	8/14/2017
Arsenic	4.7	1.0		mg/Kg-dry	10	8/14/2017
Barium	26	1.0		mg/Kg-dry	10	8/14/2017
Beryllium	ND	0.50		mg/Kg-dry	10	8/14/2017

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

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Report Date: August 18, 2017

Print Date: August 18, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-43-05 (5-9)

Work Order: 17080286 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 8/7/2017 12:16:00 PM

Lab ID: 17080286-021B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed

Metals by ICP/MS

SW6020 (SW3050B)

Prep Date: 8/10/2017

Analyst: JG

Cadmium	ND	0.50		mg/Kg-dry	10	8/14/2017
Calcium	130000	600		mg/Kg-dry	100	8/14/2017
Chromium	12	1.0		mg/Kg-dry	10	8/14/2017
Cobalt	7.0	1.0		mg/Kg-dry	10	8/14/2017
Copper	14	2.5		mg/Kg-dry	10	8/14/2017
Iron	14000	30		mg/Kg-dry	10	8/14/2017
Lead	7.1	0.50		mg/Kg-dry	10	8/14/2017
Magnesium	64000	30		mg/Kg-dry	10	8/14/2017
Manganese	390	1.0		mg/Kg-dry	10	8/14/2017
Nickel	16	1.0		mg/Kg-dry	10	8/14/2017
Potassium	1200	30		mg/Kg-dry	10	8/14/2017
Selenium	ND	1.0		mg/Kg-dry	10	8/14/2017
Silver	ND	1.0		mg/Kg-dry	10	8/14/2017
Sodium	940	60		mg/Kg-dry	10	8/14/2017
Thallium	ND	1.0		mg/Kg-dry	10	8/14/2017
Vanadium	16	1.0		mg/Kg-dry	10	8/14/2017
Zinc	33	5.0		mg/Kg-dry	10	8/14/2017

SPLP Metals by ICP/MS

SW1312/6020 (SW3005A)

Prep Date: 8/12/2017

Analyst: JG

Arsenic	ND	0.0040		mg/L	2	8/16/2017
Barium	0.028	0.020		mg/L	2	8/16/2017
Beryllium	ND	0.0020		mg/L	2	8/16/2017
Cadmium	ND	0.0020		mg/L	2	8/16/2017
Chromium	0.0098	0.0040		mg/L	2	8/16/2017
Cobalt	ND	0.0040		mg/L	2	8/16/2017
Copper	ND	0.040		mg/L	2	8/16/2017
Iron	8.7	0.10		mg/L	2	8/16/2017
Lead	0.0030	0.0020		mg/L	2	8/16/2017
Manganese	0.076	0.0040		mg/L	2	8/16/2017
Nickel	0.0094	0.0040		mg/L	2	8/16/2017
Selenium	ND	0.0040		mg/L	2	8/16/2017
Silver	ND	0.0040		mg/L	2	8/16/2017
Zinc	0.048	0.020		mg/L	2	8/16/2017

TCLP Metals by ICP/MS

SW1311/6020 (SW3005A)

Prep Date: 8/16/2017

Analyst: JG

Arsenic	ND	0.010		mg/L	5	8/17/2017
Barium	0.22	0.050		mg/L	5	8/17/2017
Beryllium	ND	0.0050		mg/L	5	8/17/2017
Cadmium	ND	0.0050		mg/L	5	8/17/2017

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

Report Date: August 18, 2017

Print Date: August 18, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-43-05 (5-9)

Work Order: 17080286 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 8/7/2017 12:16:00 PM

Lab ID: 17080286-021B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
TCLP Metals by ICP/MS	SW1311/6020 (SW3005A)					Prep Date: 8/16/2017 Analyst: JG
Chromium	ND	0.010		mg/L	5	8/17/2017
Cobalt	0.019	0.010		mg/L	5	8/17/2017
Copper	ND	0.10		mg/L	5	8/17/2017
Iron	ND	0.25		mg/L	5	8/17/2017
Lead	ND	0.0050		mg/L	5	8/17/2017
Manganese	3.9	0.010		mg/L	5	8/17/2017
Nickel	0.048	0.010		mg/L	5	8/17/2017
Selenium	ND	0.010		mg/L	5	8/17/2017
Silver	ND	0.010		mg/L	5	8/17/2017
Zinc	ND	0.050		mg/L	5	8/17/2017
TCLP Mercury	SW1311/7470A					Prep Date: 8/16/2017 Analyst: LB
Mercury	ND	0.00020		mg/L	1	8/16/2017
SPLP Mercury	SW1312/7470A					Prep Date: 8/14/2017 Analyst: LB
Mercury	ND	0.00025		mg/L	1	8/14/2017
Mercury	SW7471A					Prep Date: 8/11/2017 Analyst: LB
Mercury	ND	0.019		mg/Kg-dry	1	8/14/2017
pH (25 °C)	SW9045C					Prep Date: 8/14/2017 Analyst: RW
pH	8.41			pH Units	1	8/14/2017
Percent Moisture	D2974					Prep Date: 8/10/2017 Analyst: KKA
Percent Moisture	13.3	0.2	*	wt%	1	8/11/2017

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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Report Date: August 18, 2017

Print Date: August 18, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-43-11 (0-5)

Work Order: 17080286 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 8/7/2017 12:50:00 PM

Lab ID: 17080286-027A

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS		SW5035/8260B			Prep Date: 8/9/2017	Analyst: JNM
Acetone	ND	0.066		mg/Kg-dry	1	8/16/2017
Benzene	ND	0.0044		mg/Kg-dry	1	8/16/2017
Bromodichloromethane	ND	0.0044		mg/Kg-dry	1	8/16/2017
Bromoform	ND	0.0044		mg/Kg-dry	1	8/16/2017
Bromomethane	ND	0.0089		mg/Kg-dry	1	8/16/2017
2-Butanone	ND	0.066		mg/Kg-dry	1	8/16/2017
Carbon disulfide	ND	0.044		mg/Kg-dry	1	8/16/2017
Carbon tetrachloride	ND	0.0044		mg/Kg-dry	1	8/16/2017
Chlorobenzene	ND	0.0044		mg/Kg-dry	1	8/16/2017
Chloroethane	ND	0.0089		mg/Kg-dry	1	8/16/2017
Chloroform	ND	0.0044		mg/Kg-dry	1	8/16/2017
Chloromethane	ND	0.0089		mg/Kg-dry	1	8/16/2017
Dibromochloromethane	ND	0.0044		mg/Kg-dry	1	8/16/2017
1,1-Dichloroethane	ND	0.0044		mg/Kg-dry	1	8/16/2017
1,2-Dichloroethane	ND	0.0044		mg/Kg-dry	1	8/16/2017
1,1-Dichloroethene	ND	0.0044		mg/Kg-dry	1	8/16/2017
cis-1,2-Dichloroethene	ND	0.0044		mg/Kg-dry	1	8/16/2017
trans-1,2-Dichloroethene	ND	0.0044		mg/Kg-dry	1	8/16/2017
1,2-Dichloropropane	ND	0.0044		mg/Kg-dry	1	8/16/2017
cis-1,3-Dichloropropene	ND	0.0018		mg/Kg-dry	1	8/16/2017
trans-1,3-Dichloropropene	ND	0.0018		mg/Kg-dry	1	8/16/2017
Ethylbenzene	ND	0.0044		mg/Kg-dry	1	8/16/2017
2-Hexanone	ND	0.018		mg/Kg-dry	1	8/16/2017
4-Methyl-2-pentanone	ND	0.018		mg/Kg-dry	1	8/16/2017
Methylene chloride	ND	0.0089		mg/Kg-dry	1	8/16/2017
Methyl tert-butyl ether	ND	0.0044		mg/Kg-dry	1	8/16/2017
Styrene	ND	0.0044		mg/Kg-dry	1	8/16/2017
1,1,2,2-Tetrachloroethane	ND	0.0044		mg/Kg-dry	1	8/16/2017
Tetrachloroethene	ND	0.0044		mg/Kg-dry	1	8/16/2017
Toluene	ND	0.0044		mg/Kg-dry	1	8/16/2017
1,1,1-Trichloroethane	ND	0.0044		mg/Kg-dry	1	8/16/2017
1,1,2-Trichloroethane	ND	0.0044		mg/Kg-dry	1	8/16/2017
Trichloroethene	ND	0.0044		mg/Kg-dry	1	8/16/2017
Vinyl chloride	ND	0.0044		mg/Kg-dry	1	8/16/2017
Xylenes, Total	ND	0.013		mg/Kg-dry	1	8/16/2017

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

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HT - Sample received past holding time

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S - Spike Recovery outside accepted recovery limits

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E - Value above quantitation range

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

Report Date: August 18, 2017

Print Date: August 18, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-43-11 (0-5)

Work Order: 17080286 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 8/7/2017 12:50:00 PM

Lab ID: 17080286-027B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS		SW8270C (SW3550B)		Prep Date: 8/10/2017		Analyst: MEP
Acenaphthene	ND	0.037		mg/Kg-dry	1	8/14/2017
Acenaphthylene	ND	0.037		mg/Kg-dry	1	8/14/2017
Aniline	ND	0.37		mg/Kg-dry	1	8/14/2017
Anthracene	ND	0.037		mg/Kg-dry	1	8/14/2017
Benz(a)anthracene	ND	0.037		mg/Kg-dry	1	8/14/2017
Benzidine	ND	0.37		mg/Kg-dry	1	8/14/2017
Benzo(a)pyrene	ND	0.037		mg/Kg-dry	1	8/14/2017
Benzo(b)fluoranthene	ND	0.037		mg/Kg-dry	1	8/14/2017
Benzo(g,h,i)perylene	ND	0.037		mg/Kg-dry	1	8/14/2017
Benzo(k)fluoranthene	ND	0.037		mg/Kg-dry	1	8/14/2017
Benzoic acid	ND	0.93		mg/Kg-dry	1	8/14/2017
Benzyl alcohol	ND	0.19		mg/Kg-dry	1	8/14/2017
Bis(2-chloroethoxy)methane	ND	0.19		mg/Kg-dry	1	8/14/2017
Bis(2-chloroethyl)ether	ND	0.19		mg/Kg-dry	1	8/14/2017
Bis(2-ethylhexyl)phthalate	ND	0.93		mg/Kg-dry	1	8/14/2017
4-Bromophenyl phenyl ether	ND	0.19		mg/Kg-dry	1	8/14/2017
Butyl benzyl phthalate	ND	0.19		mg/Kg-dry	1	8/14/2017
Carbazole	ND	0.19		mg/Kg-dry	1	8/14/2017
4-Chloroaniline	ND	0.19		mg/Kg-dry	1	8/14/2017
4-Chloro-3-methylphenol	ND	0.37		mg/Kg-dry	1	8/14/2017
2-Chloronaphthalene	ND	0.19		mg/Kg-dry	1	8/14/2017
2-Chlorophenol	ND	0.19		mg/Kg-dry	1	8/14/2017
4-Chlorophenyl phenyl ether	ND	0.19		mg/Kg-dry	1	8/14/2017
Chrysene	ND	0.037		mg/Kg-dry	1	8/14/2017
Dibenz(a,h)anthracene	ND	0.037		mg/Kg-dry	1	8/14/2017
Dibenzofuran	ND	0.19		mg/Kg-dry	1	8/14/2017
1,2-Dichlorobenzene	ND	0.19		mg/Kg-dry	1	8/14/2017
1,3-Dichlorobenzene	ND	0.19		mg/Kg-dry	1	8/14/2017
1,4-Dichlorobenzene	ND	0.19		mg/Kg-dry	1	8/14/2017
3,3'-Dichlorobenzidine	ND	0.19		mg/Kg-dry	1	8/14/2017
2,4-Dichlorophenol	ND	0.19		mg/Kg-dry	1	8/14/2017
Diethyl phthalate	ND	0.19		mg/Kg-dry	1	8/14/2017
2,4-Dimethylphenol	ND	0.19		mg/Kg-dry	1	8/14/2017
Dimethyl phthalate	ND	0.19		mg/Kg-dry	1	8/14/2017
4,6-Dinitro-2-methylphenol	ND	0.37		mg/Kg-dry	1	8/14/2017
2,4-Dinitrophenol	ND	0.93		mg/Kg-dry	1	8/14/2017
2,4-Dinitrotoluene	ND	0.037		mg/Kg-dry	1	8/14/2017
2,6-Dinitrotoluene	ND	0.037		mg/Kg-dry	1	8/14/2017

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

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

Report Date: August 18, 2017

Print Date: August 18, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-43-11 (0-5)

Work Order: 17080286 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 8/7/2017 12:50:00 PM

Lab ID: 17080286-027B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS						
	SW8270C (SW3550B)					Prep Date: 8/10/2017 Analyst: MEP
Di-n-butyl phthalate	ND	0.19		mg/Kg-dry	1	8/14/2017
Di-n-octyl phthalate	ND	0.19		mg/Kg-dry	1	8/14/2017
Fluoranthene	ND	0.037		mg/Kg-dry	1	8/14/2017
Fluorene	ND	0.037		mg/Kg-dry	1	8/14/2017
Hexachlorobenzene	ND	0.19		mg/Kg-dry	1	8/14/2017
Hexachlorobutadiene	ND	0.19		mg/Kg-dry	1	8/14/2017
Hexachlorocyclopentadiene	ND	0.19		mg/Kg-dry	1	8/14/2017
Hexachloroethane	ND	0.19		mg/Kg-dry	1	8/14/2017
Indeno(1,2,3-cd)pyrene	ND	0.037		mg/Kg-dry	1	8/14/2017
Isophorone	ND	0.19		mg/Kg-dry	1	8/14/2017
2-Methylnaphthalene	ND	0.19		mg/Kg-dry	1	8/14/2017
2-Methylphenol	ND	0.19		mg/Kg-dry	1	8/14/2017
4-Methylphenol	ND	0.19		mg/Kg-dry	1	8/14/2017
Naphthalene	ND	0.037		mg/Kg-dry	1	8/14/2017
2-Nitroaniline	ND	0.19		mg/Kg-dry	1	8/14/2017
3-Nitroaniline	ND	0.19		mg/Kg-dry	1	8/14/2017
4-Nitroaniline	ND	0.19		mg/Kg-dry	1	8/14/2017
2-Nitrophenol	ND	0.19		mg/Kg-dry	1	8/14/2017
4-Nitrophenol	ND	0.37		mg/Kg-dry	1	8/14/2017
Nitrobenzene	ND	0.037		mg/Kg-dry	1	8/14/2017
N-Nitrosodi-n-propylamine	ND	0.037		mg/Kg-dry	1	8/14/2017
N-Nitrosodimethylamine	ND	0.19		mg/Kg-dry	1	8/14/2017
N-Nitrosodiphenylamine	ND	0.19		mg/Kg-dry	1	8/14/2017
2, 2'-oxybis(1-Chloropropane)	ND	0.19		mg/Kg-dry	1	8/14/2017
Pentachlorophenol	ND	0.075		mg/Kg-dry	1	8/14/2017
Phenanthrene	ND	0.037		mg/Kg-dry	1	8/14/2017
Phenol	ND	0.19		mg/Kg-dry	1	8/14/2017
Pyrene	ND	0.037		mg/Kg-dry	1	8/14/2017
Pyridine	ND	0.75		mg/Kg-dry	1	8/14/2017
1,2,4-Trichlorobenzene	ND	0.19		mg/Kg-dry	1	8/14/2017
2,4,5-Trichlorophenol	ND	0.19		mg/Kg-dry	1	8/14/2017
2,4,6-Trichlorophenol	ND	0.19		mg/Kg-dry	1	8/14/2017
Metals by ICP/MS						
	SW6020 (SW3050B)					Prep Date: 8/10/2017 Analyst: JG
Aluminum	9000	20		mg/Kg-dry	10	8/14/2017
Antimony	ND	2.0		mg/Kg-dry	10	8/14/2017
Arsenic	8.7	1.0		mg/Kg-dry	10	8/14/2017
Barium	68	1.0		mg/Kg-dry	10	8/14/2017
Beryllium	0.55	0.51		mg/Kg-dry	10	8/14/2017

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

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E - Value above quantitation range

H - Holding time exceeded

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Report Date: August 18, 2017

Print Date: August 18, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-43-11 (0-5)

Work Order: 17080286 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL

Collection Date: 8/7/2017 12:50:00 PM

Lab ID: 17080286-027B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed

Metals by ICP/MS

SW6020 (SW3050B)

Prep Date: 8/10/2017

Analyst: JG

Cadmium	ND	0.51		mg/Kg-dry	10	8/14/2017
Calcium	77000	61		mg/Kg-dry	10	8/14/2017
Chromium	17	1.0		mg/Kg-dry	10	8/14/2017
Cobalt	11	1.0		mg/Kg-dry	10	8/14/2017
Copper	23	2.5		mg/Kg-dry	10	8/14/2017
Iron	22000	30		mg/Kg-dry	10	8/14/2017
Lead	31	0.51		mg/Kg-dry	10	8/14/2017
Magnesium	45000	30		mg/Kg-dry	10	8/14/2017
Manganese	620	1.0		mg/Kg-dry	10	8/14/2017
Nickel	24	1.0		mg/Kg-dry	10	8/14/2017
Potassium	1300	30		mg/Kg-dry	10	8/14/2017
Selenium	ND	1.0		mg/Kg-dry	10	8/14/2017
Silver	ND	1.0		mg/Kg-dry	10	8/14/2017
Sodium	1400	61		mg/Kg-dry	10	8/14/2017
Thallium	ND	1.0		mg/Kg-dry	10	8/14/2017
Vanadium	23	1.0		mg/Kg-dry	10	8/14/2017
Zinc	58	5.1		mg/Kg-dry	10	8/14/2017

SPLP Metals by ICP/MS

SW1312/6020 (SW3005A)

Prep Date: 8/16/2017

Analyst: JG

Arsenic	0.0071	0.0040		mg/L	2	8/17/2017
Barium	0.048	0.020		mg/L	2	8/17/2017
Beryllium	ND	0.0020		mg/L	2	8/17/2017
Cadmium	ND	0.0020		mg/L	2	8/17/2017
Chromium	0.017	0.0040		mg/L	2	8/17/2017
Cobalt	0.0078	0.0040		mg/L	2	8/17/2017
Copper	ND	0.040		mg/L	2	8/17/2017
Iron	16	0.10		mg/L	2	8/17/2017
Lead	0.014	0.0020		mg/L	2	8/17/2017
Manganese	0.20	0.0040		mg/L	2	8/17/2017
Nickel	0.020	0.0040		mg/L	2	8/17/2017
Selenium	ND	0.0040		mg/L	2	8/17/2017
Silver	ND	0.0040		mg/L	2	8/17/2017
Zinc	0.063	0.040		mg/L	2	8/17/2017

TCLP Metals by ICP/MS

SW1311/6020 (SW3005A)

Prep Date: 8/17/2017

Analyst: JG

Arsenic	ND	0.010		mg/L	5	8/17/2017
Barium	0.90	0.050		mg/L	5	8/17/2017
Beryllium	ND	0.0050		mg/L	5	8/17/2017
Cadmium	ND	0.0050		mg/L	5	8/17/2017

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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Report Date: August 18, 2017

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ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-43-11 (0-5)

Work Order: 17080286 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL

Collection Date: 8/7/2017 12:50:00 PM

Lab ID: 17080286-027B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
TCLP Metals by ICP/MS	SW1311/6020 (SW3005A)		Prep Date: 8/17/2017		Analyst: JG	
Chromium	ND	0.010		mg/L	5	8/17/2017
Cobalt	0.021	0.010		mg/L	5	8/17/2017
Copper	ND	0.10		mg/L	5	8/17/2017
Iron	ND	0.25		mg/L	5	8/17/2017
Lead	ND	0.0050		mg/L	5	8/17/2017
Manganese	11	0.010		mg/L	5	8/17/2017
Nickel	0.019	0.010		mg/L	5	8/17/2017
Selenium	ND	0.010		mg/L	5	8/17/2017
Silver	ND	0.010		mg/L	5	8/17/2017
Zinc	ND	0.050		mg/L	5	8/17/2017
TCLP Mercury	SW1311/7470A		Prep Date: 8/17/2017		Analyst: LB	
Mercury	ND	0.00020		mg/L	1	8/17/2017
SPLP Mercury	SW1312/7470A		Prep Date: 8/15/2017		Analyst: LB	
Mercury	ND	0.00025		mg/L	1	8/16/2017
Mercury	SW7471A		Prep Date: 8/11/2017		Analyst: LB	
Mercury	0.022	0.021		mg/Kg-dry	1	8/14/2017
pH (25 °C)	SW9045C		Prep Date: 8/14/2017		Analyst: RW	
pH	8.04			pH Units	1	8/14/2017
Percent Moisture	D2974		Prep Date: 8/10/2017		Analyst: KKA	
Percent Moisture	12.2	0.2	*	wt%	1	8/11/2017

Qualifiers:

ND - Not Detected at the Reporting Limit

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E - Value above quantitation range

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

Report Date: August 18, 2017

Print Date: August 18, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-43-11 (5-9)

Work Order: 17080286 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 8/7/2017 12:52:00 PM

Lab ID: 17080286-028A

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS		SW5035/8260B		Prep Date: 8/9/2017		Analyst: JNM
Acetone	ND	0.071		mg/Kg-dry	1	8/16/2017
Benzene	ND	0.0047		mg/Kg-dry	1	8/16/2017
Bromodichloromethane	ND	0.0047		mg/Kg-dry	1	8/16/2017
Bromoform	ND	0.0047		mg/Kg-dry	1	8/16/2017
Bromomethane	ND	0.0095		mg/Kg-dry	1	8/16/2017
2-Butanone	ND	0.071		mg/Kg-dry	1	8/16/2017
Carbon disulfide	ND	0.047		mg/Kg-dry	1	8/16/2017
Carbon tetrachloride	ND	0.0047		mg/Kg-dry	1	8/16/2017
Chlorobenzene	ND	0.0047		mg/Kg-dry	1	8/16/2017
Chloroethane	ND	0.0095		mg/Kg-dry	1	8/16/2017
Chloroform	ND	0.0047		mg/Kg-dry	1	8/16/2017
Chloromethane	ND	0.0095		mg/Kg-dry	1	8/16/2017
Dibromochloromethane	ND	0.0047		mg/Kg-dry	1	8/16/2017
1,1-Dichloroethane	ND	0.0047		mg/Kg-dry	1	8/16/2017
1,2-Dichloroethane	ND	0.0047		mg/Kg-dry	1	8/16/2017
1,1-Dichloroethene	ND	0.0047		mg/Kg-dry	1	8/16/2017
cis-1,2-Dichloroethene	ND	0.0047		mg/Kg-dry	1	8/16/2017
trans-1,2-Dichloroethene	ND	0.0047		mg/Kg-dry	1	8/16/2017
1,2-Dichloropropane	ND	0.0047		mg/Kg-dry	1	8/16/2017
cis-1,3-Dichloropropene	ND	0.0019		mg/Kg-dry	1	8/16/2017
trans-1,3-Dichloropropene	ND	0.0019		mg/Kg-dry	1	8/16/2017
Ethylbenzene	ND	0.0047		mg/Kg-dry	1	8/16/2017
2-Hexanone	ND	0.019		mg/Kg-dry	1	8/16/2017
4-Methyl-2-pentanone	ND	0.019		mg/Kg-dry	1	8/16/2017
Methylene chloride	ND	0.0095		mg/Kg-dry	1	8/16/2017
Methyl tert-butyl ether	ND	0.0047		mg/Kg-dry	1	8/16/2017
Styrene	ND	0.0047		mg/Kg-dry	1	8/16/2017
1,1,2,2-Tetrachloroethane	ND	0.0047		mg/Kg-dry	1	8/16/2017
Tetrachloroethene	ND	0.0047		mg/Kg-dry	1	8/16/2017
Toluene	ND	0.0047		mg/Kg-dry	1	8/16/2017
1,1,1-Trichloroethane	ND	0.0047		mg/Kg-dry	1	8/16/2017
1,1,2-Trichloroethane	ND	0.0047		mg/Kg-dry	1	8/16/2017
Trichloroethene	ND	0.0047		mg/Kg-dry	1	8/16/2017
Vinyl chloride	ND	0.0047		mg/Kg-dry	1	8/16/2017
Xylenes, Total	ND	0.014		mg/Kg-dry	1	8/16/2017

Qualifiers:

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

Report Date: August 18, 2017

Print Date: August 18, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-43-11 (5-9)

Work Order: 17080286 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL

Collection Date: 8/7/2017 12:52:00 PM

Lab ID: 17080286-028B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS		SW8270C (SW3550B)			Prep Date: 8/10/2017	Analyst: MEP
Acenaphthene	ND	0.040		mg/Kg-dry	1	8/14/2017
Acenaphthylene	ND	0.040		mg/Kg-dry	1	8/14/2017
Aniline	ND	0.40		mg/Kg-dry	1	8/14/2017
Anthracene	ND	0.040		mg/Kg-dry	1	8/14/2017
Benz(a)anthracene	ND	0.040		mg/Kg-dry	1	8/14/2017
Benzidine	ND	0.40		mg/Kg-dry	1	8/14/2017
Benzo(a)pyrene	ND	0.040		mg/Kg-dry	1	8/14/2017
Benzo(b)fluoranthene	ND	0.040		mg/Kg-dry	1	8/14/2017
Benzo(g,h,i)perylene	ND	0.040		mg/Kg-dry	1	8/14/2017
Benzo(k)fluoranthene	ND	0.040		mg/Kg-dry	1	8/14/2017
Benzoic acid	ND	1.0		mg/Kg-dry	1	8/14/2017
Benzyl alcohol	ND	0.21		mg/Kg-dry	1	8/14/2017
Bis(2-chloroethoxy)methane	ND	0.21		mg/Kg-dry	1	8/14/2017
Bis(2-chloroethyl)ether	ND	0.21		mg/Kg-dry	1	8/14/2017
Bis(2-ethylhexyl)phthalate	ND	1.0		mg/Kg-dry	1	8/14/2017
4-Bromophenyl phenyl ether	ND	0.21		mg/Kg-dry	1	8/14/2017
Butyl benzyl phthalate	ND	0.21		mg/Kg-dry	1	8/14/2017
Carbazole	ND	0.21		mg/Kg-dry	1	8/14/2017
4-Chloroaniline	ND	0.21		mg/Kg-dry	1	8/14/2017
4-Chloro-3-methylphenol	ND	0.40		mg/Kg-dry	1	8/14/2017
2-Chloronaphthalene	ND	0.21		mg/Kg-dry	1	8/14/2017
2-Chlorophenol	ND	0.21		mg/Kg-dry	1	8/14/2017
4-Chlorophenyl phenyl ether	ND	0.21		mg/Kg-dry	1	8/14/2017
Chrysene	ND	0.040		mg/Kg-dry	1	8/14/2017
Dibenz(a,h)anthracene	ND	0.040		mg/Kg-dry	1	8/14/2017
Dibenzofuran	ND	0.21		mg/Kg-dry	1	8/14/2017
1,2-Dichlorobenzene	ND	0.21		mg/Kg-dry	1	8/14/2017
1,3-Dichlorobenzene	ND	0.21		mg/Kg-dry	1	8/14/2017
1,4-Dichlorobenzene	ND	0.21		mg/Kg-dry	1	8/14/2017
3,3'-Dichlorobenzidine	ND	0.21		mg/Kg-dry	1	8/14/2017
2,4-Dichlorophenol	ND	0.21		mg/Kg-dry	1	8/14/2017
Diethyl phthalate	ND	0.21		mg/Kg-dry	1	8/14/2017
2,4-Dimethylphenol	ND	0.21		mg/Kg-dry	1	8/14/2017
Dimethyl phthalate	ND	0.21		mg/Kg-dry	1	8/14/2017
4,6-Dinitro-2-methylphenol	ND	0.40		mg/Kg-dry	1	8/14/2017
2,4-Dinitrophenol	ND	1.0		mg/Kg-dry	1	8/14/2017
2,4-Dinitrotoluene	ND	0.040		mg/Kg-dry	1	8/14/2017
2,6-Dinitrotoluene	ND	0.040		mg/Kg-dry	1	8/14/2017

Qualifiers:

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

Report Date: August 18, 2017

Print Date: August 18, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-43-11 (5-9)

Work Order: 17080286 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL

Collection Date: 8/7/2017 12:52:00 PM

Lab ID: 17080286-028B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS						
	SW8270C (SW3550B)				Prep Date: 8/10/2017	Analyst: MEP
Di-n-butyl phthalate	ND	0.21		mg/Kg-dry	1	8/14/2017
Di-n-octyl phthalate	ND	0.21		mg/Kg-dry	1	8/14/2017
Fluoranthene	ND	0.040		mg/Kg-dry	1	8/14/2017
Fluorene	ND	0.040		mg/Kg-dry	1	8/14/2017
Hexachlorobenzene	ND	0.21		mg/Kg-dry	1	8/14/2017
Hexachlorobutadiene	ND	0.21		mg/Kg-dry	1	8/14/2017
Hexachlorocyclopentadiene	ND	0.21		mg/Kg-dry	1	8/14/2017
Hexachloroethane	ND	0.21		mg/Kg-dry	1	8/14/2017
Indeno(1,2,3-cd)pyrene	ND	0.040		mg/Kg-dry	1	8/14/2017
Isophorone	ND	0.21		mg/Kg-dry	1	8/14/2017
2-Methylnaphthalene	ND	0.21		mg/Kg-dry	1	8/14/2017
2-Methylphenol	ND	0.21		mg/Kg-dry	1	8/14/2017
4-Methylphenol	ND	0.21		mg/Kg-dry	1	8/14/2017
Naphthalene	ND	0.040		mg/Kg-dry	1	8/14/2017
2-Nitroaniline	ND	0.21		mg/Kg-dry	1	8/14/2017
3-Nitroaniline	ND	0.21		mg/Kg-dry	1	8/14/2017
4-Nitroaniline	ND	0.21		mg/Kg-dry	1	8/14/2017
2-Nitrophenol	ND	0.21		mg/Kg-dry	1	8/14/2017
4-Nitrophenol	ND	0.40		mg/Kg-dry	1	8/14/2017
Nitrobenzene	ND	0.040		mg/Kg-dry	1	8/14/2017
N-Nitrosodi-n-propylamine	ND	0.040		mg/Kg-dry	1	8/14/2017
N-Nitrosodimethylamine	ND	0.21		mg/Kg-dry	1	8/14/2017
N-Nitrosodiphenylamine	ND	0.21		mg/Kg-dry	1	8/14/2017
2, 2'-oxybis(1-Chloropropane)	ND	0.21		mg/Kg-dry	1	8/14/2017
Pentachlorophenol	ND	0.081		mg/Kg-dry	1	8/14/2017
Phenanthrene	ND	0.040		mg/Kg-dry	1	8/14/2017
Phenol	ND	0.21		mg/Kg-dry	1	8/14/2017
Pyrene	ND	0.040		mg/Kg-dry	1	8/14/2017
Pyridine	ND	0.81		mg/Kg-dry	1	8/14/2017
1,2,4-Trichlorobenzene	ND	0.21		mg/Kg-dry	1	8/14/2017
2,4,5-Trichlorophenol	ND	0.21		mg/Kg-dry	1	8/14/2017
2,4,6-Trichlorophenol	ND	0.21		mg/Kg-dry	1	8/14/2017
Metals by ICP/MS						
	SW6020 (SW3050B)				Prep Date: 8/10/2017	Analyst: JG
Aluminum	12000	21		mg/Kg-dry	10	8/14/2017
Antimony	ND	2.1		mg/Kg-dry	10	8/14/2017
Arsenic	9.0	1.0		mg/Kg-dry	10	8/14/2017
Barium	96	1.0		mg/Kg-dry	10	8/14/2017
Beryllium	0.63	0.52		mg/Kg-dry	10	8/14/2017

Qualifiers:

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Report Date: August 18, 2017

Print Date: August 18, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-43-11 (5-9)

Work Order: 17080286 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 8/7/2017 12:52:00 PM

Lab ID: 17080286-028B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed

Metals by ICP/MS

SW6020 (SW3050B)

Prep Date: 8/10/2017

Analyst: JG

Cadmium	ND	0.52		mg/Kg-dry	10	8/14/2017
Calcium	72000	62		mg/Kg-dry	10	8/14/2017
Chromium	17	1.0		mg/Kg-dry	10	8/14/2017
Cobalt	9.1	1.0		mg/Kg-dry	10	8/14/2017
Copper	20	2.6		mg/Kg-dry	10	8/14/2017
Iron	21000	31		mg/Kg-dry	10	8/14/2017
Lead	12	0.52		mg/Kg-dry	10	8/14/2017
Magnesium	43000	31		mg/Kg-dry	10	8/14/2017
Manganese	540	1.0		mg/Kg-dry	10	8/14/2017
Nickel	21	1.0		mg/Kg-dry	10	8/14/2017
Potassium	960	31		mg/Kg-dry	10	8/14/2017
Selenium	ND	1.0		mg/Kg-dry	10	8/14/2017
Silver	ND	1.0		mg/Kg-dry	10	8/14/2017
Sodium	340	62		mg/Kg-dry	10	8/14/2017
Thallium	ND	1.0		mg/Kg-dry	10	8/14/2017
Vanadium	32	1.0		mg/Kg-dry	10	8/14/2017
Zinc	48	5.2		mg/Kg-dry	10	8/14/2017

SPLP Metals by ICP/MS

SW1312/6020 (SW3005A)

Prep Date: 8/16/2017

Analyst: JG

Arsenic	ND	0.0040		mg/L	2	8/17/2017
Barium	0.036	0.020		mg/L	2	8/17/2017
Beryllium	ND	0.0020		mg/L	2	8/17/2017
Cadmium	ND	0.0020		mg/L	2	8/17/2017
Chromium	0.0073	0.0040		mg/L	2	8/17/2017
Cobalt	ND	0.0040		mg/L	2	8/17/2017
Copper	ND	0.040		mg/L	2	8/17/2017
Iron	5.9	0.10		mg/L	2	8/17/2017
Lead	0.0029	0.0020		mg/L	2	8/17/2017
Manganese	0.094	0.0040		mg/L	2	8/17/2017
Nickel	0.0064	0.0040		mg/L	2	8/17/2017
Selenium	ND	0.0040		mg/L	2	8/17/2017
Silver	ND	0.0040		mg/L	2	8/17/2017
Zinc	0.044	0.040		mg/L	2	8/17/2017

TCLP Metals by ICP/MS

SW1311/6020 (SW3005A)

Prep Date: 8/17/2017

Analyst: JG

Arsenic	ND	0.010		mg/L	5	8/17/2017
Barium	1.3	0.050		mg/L	5	8/17/2017
Beryllium	ND	0.0050		mg/L	5	8/17/2017
Cadmium	ND	0.0050		mg/L	5	8/17/2017

Qualifiers:

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B - Analyte detected in the associated Method Blank

HT - Sample received past holding time

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RL - Reporting / Quantitation Limit for the analysis

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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Report Date: August 18, 2017

Print Date: August 18, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-43-11 (5-9)

Work Order: 17080286 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL

Collection Date: 8/7/2017 12:52:00 PM

Lab ID: 17080286-028B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
TCLP Metals by ICP/MS	SW1311/6020 (SW3005A)					Prep Date: 8/17/2017 Analyst: JG
Chromium	ND	0.010		mg/L	5	8/17/2017
Cobalt	0.034	0.010		mg/L	5	8/17/2017
Copper	ND	0.10		mg/L	5	8/17/2017
Iron	ND	0.25		mg/L	5	8/17/2017
Lead	ND	0.0050		mg/L	5	8/17/2017
Manganese	9.7	0.010		mg/L	5	8/17/2017
Nickel	0.036	0.010		mg/L	5	8/17/2017
Selenium	ND	0.010		mg/L	5	8/17/2017
Silver	ND	0.010		mg/L	5	8/17/2017
Zinc	ND	0.050		mg/L	5	8/17/2017
TCLP Mercury	SW1311/7470A					Prep Date: 8/17/2017 Analyst: LB
Mercury	ND	0.00020		mg/L	1	8/17/2017
SPLP Mercury	SW1312/7470A					Prep Date: 8/15/2017 Analyst: LB
Mercury	ND	0.00025		mg/L	1	8/16/2017
Mercury	SW7471A					Prep Date: 8/11/2017 Analyst: LB
Mercury	0.036	0.022		mg/Kg-dry	1	8/14/2017
pH (25 °C)	SW9045C					Prep Date: 8/14/2017 Analyst: RW
pH	7.53			pH Units	1	8/14/2017
Percent Moisture	D2974					Prep Date: 8/10/2017 Analyst: KKA
Percent Moisture	18.1	0.2	*	wt%	1	8/11/2017

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

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

Report Date: August 19, 2017

Print Date: August 19, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-56-03 (0-6)

Work Order: 17080343 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 8/9/2017 11:39:00 AM

Lab ID: 17080343-015A

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS		SW5035/8260B			Prep Date: 8/11/2017	Analyst: ERP
Acetone	ND	0.062		mg/Kg-dry	1	8/16/2017
Benzene	ND	0.0041		mg/Kg-dry	1	8/16/2017
Bromodichloromethane	ND	0.0041		mg/Kg-dry	1	8/16/2017
Bromoform	ND	0.0041		mg/Kg-dry	1	8/16/2017
Bromomethane	ND	0.0083		mg/Kg-dry	1	8/16/2017
2-Butanone	ND	0.062		mg/Kg-dry	1	8/16/2017
Carbon disulfide	ND	0.041		mg/Kg-dry	1	8/16/2017
Carbon tetrachloride	ND	0.0041		mg/Kg-dry	1	8/16/2017
Chlorobenzene	ND	0.0041		mg/Kg-dry	1	8/16/2017
Chloroethane	ND	0.0083		mg/Kg-dry	1	8/16/2017
Chloroform	ND	0.0041		mg/Kg-dry	1	8/16/2017
Chloromethane	ND	0.0083		mg/Kg-dry	1	8/16/2017
Dibromochloromethane	ND	0.0041		mg/Kg-dry	1	8/16/2017
1,1-Dichloroethane	ND	0.0041		mg/Kg-dry	1	8/16/2017
1,2-Dichloroethane	ND	0.0041		mg/Kg-dry	1	8/16/2017
1,1-Dichloroethene	ND	0.0041		mg/Kg-dry	1	8/16/2017
cis-1,2-Dichloroethene	ND	0.0041		mg/Kg-dry	1	8/16/2017
trans-1,2-Dichloroethene	ND	0.0041		mg/Kg-dry	1	8/16/2017
1,2-Dichloropropane	ND	0.0041		mg/Kg-dry	1	8/16/2017
cis-1,3-Dichloropropene	ND	0.0017		mg/Kg-dry	1	8/16/2017
trans-1,3-Dichloropropene	ND	0.0017		mg/Kg-dry	1	8/16/2017
Ethylbenzene	ND	0.0041		mg/Kg-dry	1	8/16/2017
2-Hexanone	ND	0.017		mg/Kg-dry	1	8/16/2017
4-Methyl-2-pentanone	ND	0.017		mg/Kg-dry	1	8/16/2017
Methylene chloride	ND	0.0083		mg/Kg-dry	1	8/16/2017
Methyl tert-butyl ether	ND	0.0041		mg/Kg-dry	1	8/16/2017
Styrene	ND	0.0041		mg/Kg-dry	1	8/16/2017
1,1,2,2-Tetrachloroethane	ND	0.0041		mg/Kg-dry	1	8/16/2017
Tetrachloroethene	ND	0.0041		mg/Kg-dry	1	8/16/2017
Toluene	ND	0.0041		mg/Kg-dry	1	8/16/2017
1,1,1-Trichloroethane	ND	0.0041		mg/Kg-dry	1	8/16/2017
1,1,2-Trichloroethane	ND	0.0041		mg/Kg-dry	1	8/16/2017
Trichloroethene	ND	0.0041		mg/Kg-dry	1	8/16/2017
Vinyl chloride	ND	0.0041		mg/Kg-dry	1	8/16/2017
Xylenes, Total	ND	0.012		mg/Kg-dry	1	8/16/2017

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

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

Report Date: August 19, 2017

Print Date: August 19, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-56-03 (0-6)

Work Order: 17080343 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL

Collection Date: 8/9/2017 11:39:00 AM

Lab ID: 17080343-015B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed

Semivolatile Organic Compounds by GC/MS	SW8270C (SW3550B)				Prep Date: 8/14/2017	Analyst: DM

Acenaphthene	ND	0.036		mg/Kg-dry	1	8/15/2017
Acenaphthylene	ND	0.036		mg/Kg-dry	1	8/15/2017
Aniline	ND	0.37		mg/Kg-dry	1	8/15/2017
Anthracene	ND	0.036		mg/Kg-dry	1	8/15/2017
Benz(a)anthracene	ND	0.036		mg/Kg-dry	1	8/15/2017
Benzidine	ND	0.36		mg/Kg-dry	1	8/15/2017
Benzo(a)pyrene	ND	0.036		mg/Kg-dry	1	8/15/2017
Benzo(b)fluoranthene	ND	0.036		mg/Kg-dry	1	8/15/2017
Benzo(g,h,i)perylene	ND	0.036		mg/Kg-dry	1	8/15/2017
Benzo(k)fluoranthene	ND	0.036		mg/Kg-dry	1	8/15/2017
Benzoic acid	ND	0.92		mg/Kg-dry	1	8/15/2017
Benzyl alcohol	ND	0.19		mg/Kg-dry	1	8/15/2017
Bis(2-chloroethoxy)methane	ND	0.19		mg/Kg-dry	1	8/15/2017
Bis(2-chloroethyl)ether	ND	0.19		mg/Kg-dry	1	8/15/2017
Bis(2-ethylhexyl)phthalate	ND	0.92		mg/Kg-dry	1	8/15/2017
4-Bromophenyl phenyl ether	ND	0.19		mg/Kg-dry	1	8/15/2017
Butyl benzyl phthalate	ND	0.19		mg/Kg-dry	1	8/15/2017
Carbazole	ND	0.19		mg/Kg-dry	1	8/15/2017
4-Chloroaniline	ND	0.19		mg/Kg-dry	1	8/15/2017
4-Chloro-3-methylphenol	ND	0.36		mg/Kg-dry	1	8/15/2017
2-Chloronaphthalene	ND	0.19		mg/Kg-dry	1	8/15/2017
2-Chlorophenol	ND	0.19		mg/Kg-dry	1	8/15/2017
4-Chlorophenyl phenyl ether	ND	0.19		mg/Kg-dry	1	8/15/2017
Chrysene	ND	0.036		mg/Kg-dry	1	8/15/2017
Dibenz(a,h)anthracene	ND	0.036		mg/Kg-dry	1	8/15/2017
Dibenzofuran	ND	0.19		mg/Kg-dry	1	8/15/2017
1,2-Dichlorobenzene	ND	0.19		mg/Kg-dry	1	8/15/2017
1,3-Dichlorobenzene	ND	0.19		mg/Kg-dry	1	8/15/2017
1,4-Dichlorobenzene	ND	0.19		mg/Kg-dry	1	8/15/2017
3,3'-Dichlorobenzidine	ND	0.19		mg/Kg-dry	1	8/15/2017
2,4-Dichlorophenol	ND	0.19		mg/Kg-dry	1	8/15/2017
Diethyl phthalate	ND	0.19		mg/Kg-dry	1	8/15/2017
2,4-Dimethylphenol	ND	0.19		mg/Kg-dry	1	8/15/2017
Dimethyl phthalate	ND	0.19		mg/Kg-dry	1	8/15/2017
4,6-Dinitro-2-methylphenol	ND	0.36		mg/Kg-dry	1	8/15/2017
2,4-Dinitrophenol	ND	0.92		mg/Kg-dry	1	8/15/2017
2,4-Dinitrotoluene	ND	0.036		mg/Kg-dry	1	8/15/2017
2,6-Dinitrotoluene	ND	0.036		mg/Kg-dry	1	8/15/2017

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

Report Date: August 19, 2017

Print Date: August 19, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-56-03 (0-6)

Work Order: 17080343 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 8/9/2017 11:39:00 AM

Lab ID: 17080343-015B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed

Semivolatile Organic Compounds by GC/MS SW8270C (SW3550B) Prep Date: 8/14/2017 Analyst: DM

Di-n-butyl phthalate	ND	0.19		mg/Kg-dry	1	8/15/2017
Di-n-octyl phthalate	ND	0.19		mg/Kg-dry	1	8/15/2017
Fluoranthene	ND	0.036		mg/Kg-dry	1	8/15/2017
Fluorene	ND	0.036		mg/Kg-dry	1	8/15/2017
Hexachlorobenzene	ND	0.19		mg/Kg-dry	1	8/15/2017
Hexachlorobutadiene	ND	0.19		mg/Kg-dry	1	8/15/2017
Hexachlorocyclopentadiene	ND	0.19		mg/Kg-dry	1	8/15/2017
Hexachloroethane	ND	0.19		mg/Kg-dry	1	8/15/2017
Indeno(1,2,3-cd)pyrene	ND	0.036		mg/Kg-dry	1	8/15/2017
Isophorone	ND	0.19		mg/Kg-dry	1	8/15/2017
2-Methylnaphthalene	ND	0.19		mg/Kg-dry	1	8/15/2017
2-Methylphenol	ND	0.19		mg/Kg-dry	1	8/15/2017
4-Methylphenol	ND	0.19		mg/Kg-dry	1	8/15/2017
Naphthalene	ND	0.036		mg/Kg-dry	1	8/15/2017
2-Nitroaniline	ND	0.19		mg/Kg-dry	1	8/15/2017
3-Nitroaniline	ND	0.19		mg/Kg-dry	1	8/15/2017
4-Nitroaniline	ND	0.19		mg/Kg-dry	1	8/15/2017
2-Nitrophenol	ND	0.19		mg/Kg-dry	1	8/15/2017
4-Nitrophenol	ND	0.36		mg/Kg-dry	1	8/15/2017
Nitrobenzene	ND	0.036		mg/Kg-dry	1	8/15/2017
N-Nitrosodi-n-propylamine	ND	0.036		mg/Kg-dry	1	8/15/2017
N-Nitrosodimethylamine	ND	0.19		mg/Kg-dry	1	8/15/2017
N-Nitrosodiphenylamine	ND	0.19		mg/Kg-dry	1	8/15/2017
2, 2'-oxybis(1-Chloropropane)	ND	0.19		mg/Kg-dry	1	8/15/2017
Pentachlorophenol	ND	0.074		mg/Kg-dry	1	8/15/2017
Phenanthrene	ND	0.036		mg/Kg-dry	1	8/15/2017
Phenol	ND	0.19		mg/Kg-dry	1	8/15/2017
Pyrene	ND	0.036		mg/Kg-dry	1	8/15/2017
Pyridine	ND	0.74		mg/Kg-dry	1	8/15/2017
1,2,4-Trichlorobenzene	ND	0.19		mg/Kg-dry	1	8/15/2017
2,4,5-Trichlorophenol	ND	0.19		mg/Kg-dry	1	8/15/2017
2,4,6-Trichlorophenol	ND	0.19		mg/Kg-dry	1	8/15/2017

Metals by ICP/MS SW6020 (SW3050B) Prep Date: 8/11/2017 Analyst: JG

Aluminum	4900	19		mg/Kg-dry	10	8/15/2017
Antimony	ND	1.9		mg/Kg-dry	10	8/15/2017
Arsenic	5.3	0.96		mg/Kg-dry	10	8/15/2017
Barium	29	0.96		mg/Kg-dry	10	8/15/2017
Beryllium	ND	0.48		mg/Kg-dry	10	8/15/2017

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

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E - Value above quantitation range

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Report Date: August 19, 2017

Print Date: August 19, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-56-03 (0-6)

Work Order: 17080343 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 8/9/2017 11:39:00 AM

Lab ID: 17080343-015B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed

Metals by ICP/MS

SW6020 (SW3050B)

Prep Date: 8/11/2017

Analyst: JG

Cadmium	ND	0.48		mg/Kg-dry	10	8/15/2017
Calcium	170000	570		mg/Kg-dry	100	8/15/2017
Chromium	11	0.96		mg/Kg-dry	10	8/15/2017
Cobalt	6.7	0.96		mg/Kg-dry	10	8/15/2017
Copper	15	2.4		mg/Kg-dry	10	8/15/2017
Iron	14000	29		mg/Kg-dry	10	8/15/2017
Lead	7.9	0.48		mg/Kg-dry	10	8/15/2017
Magnesium	75000	29		mg/Kg-dry	10	8/15/2017
Manganese	440	0.96		mg/Kg-dry	10	8/15/2017
Nickel	14	0.96		mg/Kg-dry	10	8/15/2017
Potassium	1000	29		mg/Kg-dry	10	8/15/2017
Selenium	ND	0.96		mg/Kg-dry	10	8/15/2017
Silver	ND	0.96		mg/Kg-dry	10	8/15/2017
Sodium	1500	57		mg/Kg-dry	10	8/15/2017
Thallium	ND	0.96		mg/Kg-dry	10	8/15/2017
Vanadium	15	0.96		mg/Kg-dry	10	8/15/2017
Zinc	33	4.8		mg/Kg-dry	10	8/15/2017

SPLP Metals by ICP/MS

SW1312/6020 (SW3005A)

Prep Date: 8/16/2017

Analyst: JG

Arsenic	0.0081	0.0040		mg/L	2	8/18/2017
Barium	0.048	0.020		mg/L	2	8/18/2017
Beryllium	ND	0.0020		mg/L	2	8/18/2017
Cadmium	ND	0.0020		mg/L	2	8/18/2017
Chromium	0.017	0.0040		mg/L	2	8/18/2017
Cobalt	0.0072	0.0040		mg/L	2	8/18/2017
Copper	ND	0.040		mg/L	2	8/18/2017
Iron	17	0.10		mg/L	2	8/18/2017
Lead	0.0080	0.0020		mg/L	2	8/18/2017
Manganese	0.19	0.0040		mg/L	2	8/18/2017
Nickel	0.020	0.0040		mg/L	2	8/18/2017
Selenium	ND	0.0040		mg/L	2	8/18/2017
Silver	ND	0.0040		mg/L	2	8/18/2017
Zinc	0.060	0.020		mg/L	2	8/18/2017

TCLP Metals by ICP/MS

SW1311/6020 (SW3005A)

Prep Date: 8/18/2017

Analyst: JG

Arsenic	ND	0.010		mg/L	5	8/18/2017
Barium	0.20	0.050		mg/L	5	8/18/2017
Beryllium	ND	0.0050		mg/L	5	8/18/2017
Cadmium	ND	0.0050		mg/L	5	8/18/2017

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

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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

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Report Date: August 19, 2017

Print Date: August 19, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-56-03 (0-6)

Work Order: 17080343 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 8/9/2017 11:39:00 AM

Lab ID: 17080343-015B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
TCLP Metals by ICP/MS	SW1311/6020 (SW3005A)		Prep Date: 8/18/2017		Analyst: JG	
Chromium	ND	0.010		mg/L	5	8/18/2017
Cobalt	0.048	0.010		mg/L	5	8/18/2017
Copper	ND	0.10		mg/L	5	8/18/2017
Iron	ND	0.25		mg/L	5	8/18/2017
Lead	ND	0.0050		mg/L	5	8/18/2017
Manganese	4.5	0.010		mg/L	5	8/18/2017
Nickel	0.047	0.010		mg/L	5	8/18/2017
Selenium	ND	0.010		mg/L	5	8/18/2017
Silver	ND	0.010		mg/L	5	8/18/2017
Zinc	ND	0.050		mg/L	5	8/18/2017
TCLP Mercury	SW1311/7470A		Prep Date: 8/18/2017		Analyst: LB	
Mercury	ND	0.00020		mg/L	1	8/18/2017
SPLP Mercury	SW1312/7470A		Prep Date: 8/16/2017		Analyst: LB	
Mercury	ND	0.00025		mg/L	1	8/16/2017
Mercury	SW7471A		Prep Date: 8/15/2017		Analyst: LB	
Mercury	ND	0.019		mg/Kg-dry	1	8/15/2017
pH (25 °C)	SW9045C		Prep Date: 8/16/2017		Analyst: RW	
pH	8.74			pH Units	1	8/16/2017
Percent Moisture	D2974		Prep Date: 8/14/2017		Analyst: KKA	
Percent Moisture	10	0.2	*	wt%	1	8/15/2017

Qualifiers:

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Report Date: August 19, 2017

Print Date: August 19, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-56-03 (6-12)

Work Order: 17080343 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL

Collection Date: 8/9/2017 11:43:00 AM

Lab ID: 17080343-016A

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS		SW5035/8260B		Prep Date: 8/11/2017		Analyst: ERP
Acetone	ND	0.085		mg/Kg-dry	1	8/16/2017
Benzene	ND	0.0056		mg/Kg-dry	1	8/16/2017
Bromodichloromethane	ND	0.0056		mg/Kg-dry	1	8/16/2017
Bromoform	ND	0.0056		mg/Kg-dry	1	8/16/2017
Bromomethane	ND	0.011		mg/Kg-dry	1	8/16/2017
2-Butanone	ND	0.085		mg/Kg-dry	1	8/16/2017
Carbon disulfide	ND	0.056		mg/Kg-dry	1	8/16/2017
Carbon tetrachloride	ND	0.0056		mg/Kg-dry	1	8/16/2017
Chlorobenzene	ND	0.0056		mg/Kg-dry	1	8/16/2017
Chloroethane	ND	0.011		mg/Kg-dry	1	8/16/2017
Chloroform	ND	0.0056		mg/Kg-dry	1	8/16/2017
Chloromethane	ND	0.011		mg/Kg-dry	1	8/16/2017
Dibromochloromethane	ND	0.0056		mg/Kg-dry	1	8/16/2017
1,1-Dichloroethane	ND	0.0056		mg/Kg-dry	1	8/16/2017
1,2-Dichloroethane	ND	0.0056		mg/Kg-dry	1	8/16/2017
1,1-Dichloroethene	ND	0.0056		mg/Kg-dry	1	8/16/2017
cis-1,2-Dichloroethene	ND	0.0056		mg/Kg-dry	1	8/16/2017
trans-1,2-Dichloroethene	ND	0.0056		mg/Kg-dry	1	8/16/2017
1,2-Dichloropropane	ND	0.0056		mg/Kg-dry	1	8/16/2017
cis-1,3-Dichloropropene	ND	0.0023		mg/Kg-dry	1	8/16/2017
trans-1,3-Dichloropropene	ND	0.0023		mg/Kg-dry	1	8/16/2017
Ethylbenzene	ND	0.0056		mg/Kg-dry	1	8/16/2017
2-Hexanone	ND	0.023		mg/Kg-dry	1	8/16/2017
4-Methyl-2-pentanone	ND	0.023		mg/Kg-dry	1	8/16/2017
Methylene chloride	ND	0.011		mg/Kg-dry	1	8/16/2017
Methyl tert-butyl ether	ND	0.0056		mg/Kg-dry	1	8/16/2017
Styrene	ND	0.0056		mg/Kg-dry	1	8/16/2017
1,1,2,2-Tetrachloroethane	ND	0.0056		mg/Kg-dry	1	8/16/2017
Tetrachloroethene	ND	0.0056		mg/Kg-dry	1	8/16/2017
Toluene	ND	0.0056		mg/Kg-dry	1	8/16/2017
1,1,1-Trichloroethane	ND	0.0056		mg/Kg-dry	1	8/16/2017
1,1,2-Trichloroethane	ND	0.0056		mg/Kg-dry	1	8/16/2017
Trichloroethene	ND	0.0056		mg/Kg-dry	1	8/16/2017
Vinyl chloride	ND	0.0056		mg/Kg-dry	1	8/16/2017
Xylenes, Total	ND	0.017		mg/Kg-dry	1	8/16/2017

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

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E - Value above quantitation range

H - Holding time exceeded

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Report Date: August 19, 2017

Print Date: August 19, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-56-03 (6-12)

Work Order: 17080343 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL

Collection Date: 8/9/2017 11:43:00 AM

Lab ID: 17080343-016B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed

Semivolatile Organic Compounds by GC/MS	SW8270C (SW3550B)			Prep Date: 8/14/2017		Analyst: DM

Acenaphthene	ND	0.037		mg/Kg-dry	1	8/15/2017
Acenaphthylene	ND	0.037		mg/Kg-dry	1	8/15/2017
Aniline	ND	0.37		mg/Kg-dry	1	8/15/2017
Anthracene	ND	0.037		mg/Kg-dry	1	8/15/2017
Benz(a)anthracene	ND	0.037		mg/Kg-dry	1	8/15/2017
Benzidine	ND	0.37		mg/Kg-dry	1	8/15/2017
Benzo(a)pyrene	ND	0.037		mg/Kg-dry	1	8/15/2017
Benzo(b)fluoranthene	ND	0.037		mg/Kg-dry	1	8/15/2017
Benzo(g,h,i)perylene	ND	0.037		mg/Kg-dry	1	8/15/2017
Benzo(k)fluoranthene	ND	0.037		mg/Kg-dry	1	8/15/2017
Benzoic acid	ND	0.93		mg/Kg-dry	1	8/15/2017
Benzyl alcohol	ND	0.19		mg/Kg-dry	1	8/15/2017
Bis(2-chloroethoxy)methane	ND	0.19		mg/Kg-dry	1	8/15/2017
Bis(2-chloroethyl)ether	ND	0.19		mg/Kg-dry	1	8/15/2017
Bis(2-ethylhexyl)phthalate	ND	0.93		mg/Kg-dry	1	8/15/2017
4-Bromophenyl phenyl ether	ND	0.19		mg/Kg-dry	1	8/15/2017
Butyl benzyl phthalate	ND	0.19		mg/Kg-dry	1	8/15/2017
Carbazole	ND	0.19		mg/Kg-dry	1	8/15/2017
4-Chloroaniline	ND	0.19		mg/Kg-dry	1	8/15/2017
4-Chloro-3-methylphenol	ND	0.37		mg/Kg-dry	1	8/15/2017
2-Chloronaphthalene	ND	0.19		mg/Kg-dry	1	8/15/2017
2-Chlorophenol	ND	0.19		mg/Kg-dry	1	8/15/2017
4-Chlorophenyl phenyl ether	ND	0.19		mg/Kg-dry	1	8/15/2017
Chrysene	ND	0.037		mg/Kg-dry	1	8/15/2017
Dibenz(a,h)anthracene	ND	0.037		mg/Kg-dry	1	8/15/2017
Dibenzofuran	ND	0.19		mg/Kg-dry	1	8/15/2017
1,2-Dichlorobenzene	ND	0.19		mg/Kg-dry	1	8/15/2017
1,3-Dichlorobenzene	ND	0.19		mg/Kg-dry	1	8/15/2017
1,4-Dichlorobenzene	ND	0.19		mg/Kg-dry	1	8/15/2017
3,3'-Dichlorobenzidine	ND	0.19		mg/Kg-dry	1	8/15/2017
2,4-Dichlorophenol	ND	0.19		mg/Kg-dry	1	8/15/2017
Diethyl phthalate	ND	0.19		mg/Kg-dry	1	8/15/2017
2,4-Dimethylphenol	ND	0.19		mg/Kg-dry	1	8/15/2017
Dimethyl phthalate	ND	0.19		mg/Kg-dry	1	8/15/2017
4,6-Dinitro-2-methylphenol	ND	0.37		mg/Kg-dry	1	8/15/2017
2,4-Dinitrophenol	ND	0.93		mg/Kg-dry	1	8/15/2017
2,4-Dinitrotoluene	ND	0.037		mg/Kg-dry	1	8/15/2017
2,6-Dinitrotoluene	ND	0.037		mg/Kg-dry	1	8/15/2017

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

Report Date: August 19, 2017

Print Date: August 19, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-56-03 (6-12)

Work Order: 17080343 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL

Collection Date: 8/9/2017 11:43:00 AM

Lab ID: 17080343-016B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed

Semivolatile Organic Compounds by GC/MS SW8270C (SW3550B) Prep Date: 8/14/2017 Analyst: DM

Di-n-butyl phthalate	ND	0.19		mg/Kg-dry	1	8/15/2017
Di-n-octyl phthalate	ND	0.19		mg/Kg-dry	1	8/15/2017
Fluoranthene	ND	0.037		mg/Kg-dry	1	8/15/2017
Fluorene	ND	0.037		mg/Kg-dry	1	8/15/2017
Hexachlorobenzene	ND	0.19		mg/Kg-dry	1	8/15/2017
Hexachlorobutadiene	ND	0.19		mg/Kg-dry	1	8/15/2017
Hexachlorocyclopentadiene	ND	0.19		mg/Kg-dry	1	8/15/2017
Hexachloroethane	ND	0.19		mg/Kg-dry	1	8/15/2017
Indeno(1,2,3-cd)pyrene	ND	0.037		mg/Kg-dry	1	8/15/2017
Isophorone	ND	0.19		mg/Kg-dry	1	8/15/2017
2-Methylnaphthalene	ND	0.19		mg/Kg-dry	1	8/15/2017
2-Methylphenol	ND	0.19		mg/Kg-dry	1	8/15/2017
4-Methylphenol	ND	0.19		mg/Kg-dry	1	8/15/2017
Naphthalene	ND	0.037		mg/Kg-dry	1	8/15/2017
2-Nitroaniline	ND	0.19		mg/Kg-dry	1	8/15/2017
3-Nitroaniline	ND	0.19		mg/Kg-dry	1	8/15/2017
4-Nitroaniline	ND	0.19		mg/Kg-dry	1	8/15/2017
2-Nitrophenol	ND	0.19		mg/Kg-dry	1	8/15/2017
4-Nitrophenol	ND	0.37		mg/Kg-dry	1	8/15/2017
Nitrobenzene	ND	0.037		mg/Kg-dry	1	8/15/2017
N-Nitrosodi-n-propylamine	ND	0.037		mg/Kg-dry	1	8/15/2017
N-Nitrosodimethylamine	ND	0.19		mg/Kg-dry	1	8/15/2017
N-Nitrosodiphenylamine	ND	0.19		mg/Kg-dry	1	8/15/2017
2, 2'-oxybis(1-Chloropropane)	ND	0.19		mg/Kg-dry	1	8/15/2017
Pentachlorophenol	ND	0.075		mg/Kg-dry	1	8/15/2017
Phenanthrene	ND	0.037		mg/Kg-dry	1	8/15/2017
Phenol	ND	0.19		mg/Kg-dry	1	8/15/2017
Pyrene	ND	0.037		mg/Kg-dry	1	8/15/2017
Pyridine	ND	0.75		mg/Kg-dry	1	8/15/2017
1,2,4-Trichlorobenzene	ND	0.19		mg/Kg-dry	1	8/15/2017
2,4,5-Trichlorophenol	ND	0.19		mg/Kg-dry	1	8/15/2017
2,4,6-Trichlorophenol	ND	0.19		mg/Kg-dry	1	8/15/2017

Metals by ICP/MS SW6020 (SW3050B) Prep Date: 8/11/2017 Analyst: JG

Aluminum	1500	19		mg/Kg-dry	10	8/15/2017
Antimony	ND	1.9		mg/Kg-dry	10	8/15/2017
Arsenic	13	0.95		mg/Kg-dry	10	8/15/2017
Barium	10	0.95		mg/Kg-dry	10	8/15/2017
Beryllium	ND	0.47		mg/Kg-dry	10	8/15/2017

Qualifiers:

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S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

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Report Date: August 19, 2017

Print Date: August 19, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-56-03 (6-12)

Work Order: 17080343 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL

Collection Date: 8/9/2017 11:43:00 AM

Lab ID: 17080343-016B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed

Metals by ICP/MS

SW6020 (SW3050B)

Prep Date: 8/11/2017

Analyst: JG

Cadmium	ND	0.47		mg/Kg-dry	10	8/15/2017
Calcium	190000	570		mg/Kg-dry	100	8/15/2017
Chromium	5.6	0.95		mg/Kg-dry	10	8/15/2017
Cobalt	3.9	0.95		mg/Kg-dry	10	8/15/2017
Copper	14	2.4		mg/Kg-dry	10	8/15/2017
Iron	19000	28		mg/Kg-dry	10	8/15/2017
Lead	7.4	0.47		mg/Kg-dry	10	8/15/2017
Magnesium	100000	28		mg/Kg-dry	10	8/15/2017
Manganese	360	0.95		mg/Kg-dry	10	8/15/2017
Nickel	9.3	0.95		mg/Kg-dry	10	8/15/2017
Potassium	400	28		mg/Kg-dry	10	8/15/2017
Selenium	ND	0.95		mg/Kg-dry	10	8/15/2017
Silver	ND	0.95		mg/Kg-dry	10	8/15/2017
Sodium	650	57		mg/Kg-dry	10	8/15/2017
Thallium	ND	0.95		mg/Kg-dry	10	8/15/2017
Vanadium	9.1	0.95		mg/Kg-dry	10	8/15/2017
Zinc	24	4.7		mg/Kg-dry	10	8/15/2017

SPLP Metals by ICP/MS

SW1312/6020 (SW3005A)

Prep Date: 8/16/2017

Analyst: JG

Arsenic	ND	0.0040		mg/L	2	8/18/2017
Barium	ND	0.020		mg/L	2	8/18/2017
Beryllium	ND	0.0020		mg/L	2	8/18/2017
Cadmium	ND	0.0020		mg/L	2	8/18/2017
Chromium	ND	0.0040		mg/L	2	8/18/2017
Cobalt	ND	0.0040		mg/L	2	8/18/2017
Copper	ND	0.040		mg/L	2	8/18/2017
Iron	ND	0.10		mg/L	2	8/18/2017
Lead	ND	0.0020		mg/L	2	8/18/2017
Manganese	ND	0.0040		mg/L	2	8/18/2017
Nickel	ND	0.0040		mg/L	2	8/18/2017
Selenium	ND	0.0040		mg/L	2	8/18/2017
Silver	ND	0.0040		mg/L	2	8/18/2017
Zinc	ND	0.020		mg/L	2	8/18/2017

TCLP Metals by ICP/MS

SW1311/6020 (SW3005A)

Prep Date: 8/18/2017

Analyst: JG

Arsenic	ND	0.010		mg/L	5	8/18/2017
Barium	0.10	0.050		mg/L	5	8/18/2017
Beryllium	ND	0.0050		mg/L	5	8/18/2017
Cadmium	ND	0.0050		mg/L	5	8/18/2017

Qualifiers:

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Report Date: August 19, 2017

Print Date: August 19, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-56-03 (6-12)

Work Order: 17080343 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 8/9/2017 11:43:00 AM

Lab ID: 17080343-016B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
TCLP Metals by ICP/MS	SW1311/6020 (SW3005A)		Prep Date: 8/18/2017		Analyst: JG	
Chromium	ND	0.010		mg/L	5	8/18/2017
Cobalt	0.019	0.010		mg/L	5	8/18/2017
Copper	ND	0.10		mg/L	5	8/18/2017
Iron	ND	0.25		mg/L	5	8/18/2017
Lead	ND	0.0050		mg/L	5	8/18/2017
Manganese	2.2	0.010		mg/L	5	8/18/2017
Nickel	0.041	0.010		mg/L	5	8/18/2017
Selenium	ND	0.010		mg/L	5	8/18/2017
Silver	ND	0.010		mg/L	5	8/18/2017
Zinc	ND	0.10		mg/L	5	8/18/2017
TCLP Mercury	SW1311/7470A		Prep Date: 8/18/2017		Analyst: LB	
Mercury	ND	0.00020		mg/L	1	8/18/2017
SPLP Mercury	SW1312/7470A		Prep Date: 8/16/2017		Analyst: LB	
Mercury	ND	0.00025		mg/L	1	8/16/2017
Mercury	SW7471A		Prep Date: 8/15/2017		Analyst: LB	
Mercury	ND	0.021		mg/Kg-dry	1	8/15/2017
pH (25 °C)	SW9045C		Prep Date: 8/16/2017		Analyst: RW	
pH	8.76			pH Units	1	8/16/2017
Percent Moisture	D2974		Prep Date: 8/14/2017		Analyst: KKA	
Percent Moisture	10.4	0.2	*	wt%	1	8/15/2017

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Report Date: August 19, 2017

Print Date: August 19, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-56-03 (12-18)

Work Order: 17080343 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 8/9/2017 11:46:00 AM

Lab ID: 17080343-017A

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS		SW5035/8260B			Prep Date: 8/11/2017	Analyst: ERP
Acetone	ND	0.083		mg/Kg-dry	1	8/16/2017
Benzene	ND	0.0056		mg/Kg-dry	1	8/16/2017
Bromodichloromethane	ND	0.0056		mg/Kg-dry	1	8/16/2017
Bromoform	ND	0.0056		mg/Kg-dry	1	8/16/2017
Bromomethane	ND	0.011		mg/Kg-dry	1	8/16/2017
2-Butanone	ND	0.083		mg/Kg-dry	1	8/16/2017
Carbon disulfide	ND	0.056		mg/Kg-dry	1	8/16/2017
Carbon tetrachloride	ND	0.0056		mg/Kg-dry	1	8/16/2017
Chlorobenzene	ND	0.0056		mg/Kg-dry	1	8/16/2017
Chloroethane	ND	0.011		mg/Kg-dry	1	8/16/2017
Chloroform	ND	0.0056		mg/Kg-dry	1	8/16/2017
Chloromethane	ND	0.011		mg/Kg-dry	1	8/16/2017
Dibromochloromethane	ND	0.0056		mg/Kg-dry	1	8/16/2017
1,1-Dichloroethane	ND	0.0056		mg/Kg-dry	1	8/16/2017
1,2-Dichloroethane	ND	0.0056		mg/Kg-dry	1	8/16/2017
1,1-Dichloroethene	ND	0.0056		mg/Kg-dry	1	8/16/2017
cis-1,2-Dichloroethene	ND	0.0056		mg/Kg-dry	1	8/16/2017
trans-1,2-Dichloroethene	ND	0.0056		mg/Kg-dry	1	8/16/2017
1,2-Dichloropropane	ND	0.0056		mg/Kg-dry	1	8/16/2017
cis-1,3-Dichloropropene	ND	0.0022		mg/Kg-dry	1	8/16/2017
trans-1,3-Dichloropropene	ND	0.0022		mg/Kg-dry	1	8/16/2017
Ethylbenzene	ND	0.0056		mg/Kg-dry	1	8/16/2017
2-Hexanone	ND	0.022		mg/Kg-dry	1	8/16/2017
4-Methyl-2-pentanone	ND	0.022		mg/Kg-dry	1	8/16/2017
Methylene chloride	ND	0.011		mg/Kg-dry	1	8/16/2017
Methyl tert-butyl ether	ND	0.0056		mg/Kg-dry	1	8/16/2017
Styrene	ND	0.0056		mg/Kg-dry	1	8/16/2017
1,1,2,2-Tetrachloroethane	ND	0.0056		mg/Kg-dry	1	8/16/2017
Tetrachloroethene	ND	0.0056		mg/Kg-dry	1	8/16/2017
Toluene	ND	0.0056		mg/Kg-dry	1	8/16/2017
1,1,1-Trichloroethane	ND	0.0056		mg/Kg-dry	1	8/16/2017
1,1,2-Trichloroethane	ND	0.0056		mg/Kg-dry	1	8/16/2017
Trichloroethene	ND	0.0056		mg/Kg-dry	1	8/16/2017
Vinyl chloride	ND	0.0056		mg/Kg-dry	1	8/16/2017
Xylenes, Total	ND	0.017		mg/Kg-dry	1	8/16/2017

Qualifiers:

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Report Date: August 19, 2017

Print Date: August 19, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-56-03 (12-18)

Work Order: 17080343 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL

Collection Date: 8/9/2017 11:46:00 AM

Lab ID: 17080343-017B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed

Semivolatile Organic Compounds by GC/MS	SW8270C (SW3550B)			Prep Date: 8/14/2017	Analyst: DM	

Acenaphthene	ND	0.034		mg/Kg-dry	1	8/15/2017
Acenaphthylene	ND	0.034		mg/Kg-dry	1	8/15/2017
Aniline	ND	0.35		mg/Kg-dry	1	8/15/2017
Anthracene	ND	0.034		mg/Kg-dry	1	8/15/2017
Benz(a)anthracene	ND	0.034		mg/Kg-dry	1	8/15/2017
Benzidine	ND	0.34		mg/Kg-dry	1	8/15/2017
Benzo(a)pyrene	ND	0.034		mg/Kg-dry	1	8/15/2017
Benzo(b)fluoranthene	ND	0.034		mg/Kg-dry	1	8/15/2017
Benzo(g,h,i)perylene	ND	0.034		mg/Kg-dry	1	8/15/2017
Benzo(k)fluoranthene	ND	0.034		mg/Kg-dry	1	8/15/2017
Benzoic acid	ND	0.86		mg/Kg-dry	1	8/15/2017
Benzyl alcohol	ND	0.18		mg/Kg-dry	1	8/15/2017
Bis(2-chloroethoxy)methane	ND	0.18		mg/Kg-dry	1	8/15/2017
Bis(2-chloroethyl)ether	ND	0.18		mg/Kg-dry	1	8/15/2017
Bis(2-ethylhexyl)phthalate	ND	0.86		mg/Kg-dry	1	8/15/2017
4-Bromophenyl phenyl ether	ND	0.18		mg/Kg-dry	1	8/15/2017
Butyl benzyl phthalate	ND	0.18		mg/Kg-dry	1	8/15/2017
Carbazole	ND	0.18		mg/Kg-dry	1	8/15/2017
4-Chloroaniline	ND	0.18		mg/Kg-dry	1	8/15/2017
4-Chloro-3-methylphenol	ND	0.34		mg/Kg-dry	1	8/15/2017
2-Chloronaphthalene	ND	0.18		mg/Kg-dry	1	8/15/2017
2-Chlorophenol	ND	0.18		mg/Kg-dry	1	8/15/2017
4-Chlorophenyl phenyl ether	ND	0.18		mg/Kg-dry	1	8/15/2017
Chrysene	ND	0.034		mg/Kg-dry	1	8/15/2017
Dibenz(a,h)anthracene	ND	0.034		mg/Kg-dry	1	8/15/2017
Dibenzofuran	ND	0.18		mg/Kg-dry	1	8/15/2017
1,2-Dichlorobenzene	ND	0.18		mg/Kg-dry	1	8/15/2017
1,3-Dichlorobenzene	ND	0.18		mg/Kg-dry	1	8/15/2017
1,4-Dichlorobenzene	ND	0.18		mg/Kg-dry	1	8/15/2017
3,3'-Dichlorobenzidine	ND	0.18		mg/Kg-dry	1	8/15/2017
2,4-Dichlorophenol	ND	0.18		mg/Kg-dry	1	8/15/2017
Diethyl phthalate	ND	0.18		mg/Kg-dry	1	8/15/2017
2,4-Dimethylphenol	ND	0.18		mg/Kg-dry	1	8/15/2017
Dimethyl phthalate	ND	0.18		mg/Kg-dry	1	8/15/2017
4,6-Dinitro-2-methylphenol	ND	0.34		mg/Kg-dry	1	8/15/2017
2,4-Dinitrophenol	ND	0.86		mg/Kg-dry	1	8/15/2017
2,4-Dinitrotoluene	ND	0.034		mg/Kg-dry	1	8/15/2017
2,6-Dinitrotoluene	ND	0.034		mg/Kg-dry	1	8/15/2017

Qualifiers:

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Report Date: August 19, 2017

Print Date: August 19, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-56-03 (12-18)

Work Order: 17080343 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 8/9/2017 11:46:00 AM

Lab ID: 17080343-017B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed

Semivolatile Organic Compounds by GC/MS SW8270C (SW3550B) Prep Date: 8/14/2017 Analyst: DM

Di-n-butyl phthalate	ND	0.18		mg/Kg-dry	1	8/15/2017
Di-n-octyl phthalate	ND	0.18		mg/Kg-dry	1	8/15/2017
Fluoranthene	ND	0.034		mg/Kg-dry	1	8/15/2017
Fluorene	ND	0.034		mg/Kg-dry	1	8/15/2017
Hexachlorobenzene	ND	0.18		mg/Kg-dry	1	8/15/2017
Hexachlorobutadiene	ND	0.18		mg/Kg-dry	1	8/15/2017
Hexachlorocyclopentadiene	ND	0.18		mg/Kg-dry	1	8/15/2017
Hexachloroethane	ND	0.18		mg/Kg-dry	1	8/15/2017
Indeno(1,2,3-cd)pyrene	ND	0.034		mg/Kg-dry	1	8/15/2017
Isophorone	ND	0.18		mg/Kg-dry	1	8/15/2017
2-Methylnaphthalene	ND	0.18		mg/Kg-dry	1	8/15/2017
2-Methylphenol	ND	0.18		mg/Kg-dry	1	8/15/2017
4-Methylphenol	ND	0.18		mg/Kg-dry	1	8/15/2017
Naphthalene	ND	0.034		mg/Kg-dry	1	8/15/2017
2-Nitroaniline	ND	0.18		mg/Kg-dry	1	8/15/2017
3-Nitroaniline	ND	0.18		mg/Kg-dry	1	8/15/2017
4-Nitroaniline	ND	0.18		mg/Kg-dry	1	8/15/2017
2-Nitrophenol	ND	0.18		mg/Kg-dry	1	8/15/2017
4-Nitrophenol	ND	0.34		mg/Kg-dry	1	8/15/2017
Nitrobenzene	ND	0.034		mg/Kg-dry	1	8/15/2017
N-Nitrosodi-n-propylamine	ND	0.034		mg/Kg-dry	1	8/15/2017
N-Nitrosodimethylamine	ND	0.18		mg/Kg-dry	1	8/15/2017
N-Nitrosodiphenylamine	ND	0.18		mg/Kg-dry	1	8/15/2017
2, 2'-oxybis(1-Chloropropane)	ND	0.18		mg/Kg-dry	1	8/15/2017
Pentachlorophenol	ND	0.070		mg/Kg-dry	1	8/15/2017
Phenanthrene	ND	0.034		mg/Kg-dry	1	8/15/2017
Phenol	ND	0.18		mg/Kg-dry	1	8/15/2017
Pyrene	ND	0.034		mg/Kg-dry	1	8/15/2017
Pyridine	ND	0.70		mg/Kg-dry	1	8/15/2017
1,2,4-Trichlorobenzene	ND	0.18		mg/Kg-dry	1	8/15/2017
2,4,5-Trichlorophenol	ND	0.18		mg/Kg-dry	1	8/15/2017
2,4,6-Trichlorophenol	ND	0.18		mg/Kg-dry	1	8/15/2017

Metals by ICP/MS SW6020 (SW3050B) Prep Date: 8/11/2017 Analyst: JG

Aluminum	1400	19		mg/Kg-dry	10	8/15/2017
Antimony	ND	1.9		mg/Kg-dry	10	8/15/2017
Arsenic	4.7	0.94		mg/Kg-dry	10	8/15/2017
Barium	8.2	0.94		mg/Kg-dry	10	8/15/2017
Beryllium	ND	0.47		mg/Kg-dry	10	8/15/2017

Qualifiers:

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E - Value above quantitation range

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

Report Date: August 19, 2017

Print Date: August 19, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-56-03 (12-18)

Work Order: 17080343 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL

Collection Date: 8/9/2017 11:46:00 AM

Lab ID: 17080343-017B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed

Metals by ICP/MS

SW6020 (SW3050B)

Prep Date: 8/11/2017

Analyst: JG

Cadmium	ND	0.47		mg/Kg-dry	10	8/15/2017
Calcium	230000	570		mg/Kg-dry	100	8/15/2017
Chromium	6.0	0.94		mg/Kg-dry	10	8/15/2017
Cobalt	3.2	0.94		mg/Kg-dry	10	8/15/2017
Copper	9.3	2.4		mg/Kg-dry	10	8/15/2017
Iron	10000	28		mg/Kg-dry	10	8/15/2017
Lead	4.2	0.47		mg/Kg-dry	10	8/15/2017
Magnesium	120000	28		mg/Kg-dry	10	8/15/2017
Manganese	370	0.94		mg/Kg-dry	10	8/15/2017
Nickel	6.9	0.94		mg/Kg-dry	10	8/15/2017
Potassium	450	28		mg/Kg-dry	10	8/15/2017
Selenium	ND	0.94		mg/Kg-dry	10	8/15/2017
Silver	ND	0.94		mg/Kg-dry	10	8/15/2017
Sodium	580	57		mg/Kg-dry	10	8/15/2017
Thallium	ND	0.94		mg/Kg-dry	10	8/15/2017
Vanadium	7.2	0.94		mg/Kg-dry	10	8/15/2017
Zinc	18	4.7		mg/Kg-dry	10	8/15/2017

SPLP Metals by ICP/MS

SW1312/6020 (SW3005A)

Prep Date: 8/16/2017

Analyst: JG

Arsenic	ND	0.0040		mg/L	2	8/18/2017
Barium	ND	0.020		mg/L	2	8/18/2017
Beryllium	ND	0.0020		mg/L	2	8/18/2017
Cadmium	ND	0.0020		mg/L	2	8/18/2017
Chromium	ND	0.0040		mg/L	2	8/18/2017
Cobalt	ND	0.0040		mg/L	2	8/18/2017
Copper	ND	0.040		mg/L	2	8/18/2017
Iron	ND	0.10		mg/L	2	8/18/2017
Lead	ND	0.0020		mg/L	2	8/18/2017
Manganese	ND	0.0040		mg/L	2	8/18/2017
Nickel	ND	0.0040		mg/L	2	8/18/2017
Selenium	ND	0.0040		mg/L	2	8/18/2017
Silver	ND	0.0040		mg/L	2	8/18/2017
Zinc	ND	0.020		mg/L	2	8/18/2017

TCLP Metals by ICP/MS

SW1311/6020 (SW3005A)

Prep Date: 8/18/2017

Analyst: JG

Arsenic	ND	0.010		mg/L	5	8/18/2017
Barium	0.084	0.050		mg/L	5	8/18/2017
Beryllium	ND	0.0050		mg/L	5	8/18/2017
Cadmium	ND	0.0050		mg/L	5	8/18/2017

Qualifiers:

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Report Date: August 19, 2017

Print Date: August 19, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-56-03 (12-18)

Work Order: 17080343 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL

Collection Date: 8/9/2017 11:46:00 AM

Lab ID: 17080343-017B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
TCLP Metals by ICP/MS	SW1311/6020 (SW3005A)		Prep Date: 8/18/2017		Analyst: JG	
Chromium	ND	0.010		mg/L	5	8/18/2017
Cobalt	ND	0.010		mg/L	5	8/18/2017
Copper	ND	0.10		mg/L	5	8/18/2017
Iron	ND	0.25		mg/L	5	8/18/2017
Lead	ND	0.0050		mg/L	5	8/18/2017
Manganese	1.7	0.010		mg/L	5	8/18/2017
Nickel	0.025	0.010		mg/L	5	8/18/2017
Selenium	ND	0.010		mg/L	5	8/18/2017
Silver	ND	0.010		mg/L	5	8/18/2017
Zinc	ND	0.10		mg/L	5	8/18/2017
TCLP Mercury	SW1311/7470A		Prep Date: 8/18/2017		Analyst: LB	
Mercury	ND	0.00020		mg/L	1	8/18/2017
SPLP Mercury	SW1312/7470A		Prep Date: 8/16/2017		Analyst: LB	
Mercury	ND	0.00025		mg/L	1	8/16/2017
Mercury	SW7471A		Prep Date: 8/15/2017		Analyst: LB	
Mercury	ND	0.018		mg/Kg-dry	1	8/15/2017
pH (25 °C)	SW9045C		Prep Date: 8/16/2017		Analyst: RW	
pH	8.77			pH Units	1	8/16/2017
Percent Moisture	D2974		Prep Date: 8/14/2017		Analyst: KKA	
Percent Moisture	4.3	0.2	*	wt%	1	8/15/2017

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Report Date: August 18, 2017

Print Date: August 18, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-56-09 (0-6)

Work Order: 17080286 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 8/7/2017 11:35:00 AM

Lab ID: 17080286-032A

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS		SW5035/8260B			Prep Date: 8/9/2017	Analyst: JNM
Acetone	ND	0.080		mg/Kg-dry	1	8/16/2017
Benzene	ND	0.0053		mg/Kg-dry	1	8/16/2017
Bromodichloromethane	ND	0.0053		mg/Kg-dry	1	8/16/2017
Bromoform	ND	0.0053		mg/Kg-dry	1	8/16/2017
Bromomethane	ND	0.011		mg/Kg-dry	1	8/16/2017
2-Butanone	ND	0.080		mg/Kg-dry	1	8/16/2017
Carbon disulfide	ND	0.053		mg/Kg-dry	1	8/16/2017
Carbon tetrachloride	ND	0.0053		mg/Kg-dry	1	8/16/2017
Chlorobenzene	ND	0.0053		mg/Kg-dry	1	8/16/2017
Chloroethane	ND	0.011		mg/Kg-dry	1	8/16/2017
Chloroform	ND	0.0053		mg/Kg-dry	1	8/16/2017
Chloromethane	ND	0.011		mg/Kg-dry	1	8/16/2017
Dibromochloromethane	ND	0.0053		mg/Kg-dry	1	8/16/2017
1,1-Dichloroethane	ND	0.0053		mg/Kg-dry	1	8/16/2017
1,2-Dichloroethane	ND	0.0053		mg/Kg-dry	1	8/16/2017
1,1-Dichloroethene	ND	0.0053		mg/Kg-dry	1	8/16/2017
cis-1,2-Dichloroethene	ND	0.0053		mg/Kg-dry	1	8/16/2017
trans-1,2-Dichloroethene	ND	0.0053		mg/Kg-dry	1	8/16/2017
1,2-Dichloropropane	ND	0.0053		mg/Kg-dry	1	8/16/2017
cis-1,3-Dichloropropene	ND	0.0021		mg/Kg-dry	1	8/16/2017
trans-1,3-Dichloropropene	ND	0.0021		mg/Kg-dry	1	8/16/2017
Ethylbenzene	ND	0.0053		mg/Kg-dry	1	8/16/2017
2-Hexanone	ND	0.021		mg/Kg-dry	1	8/16/2017
4-Methyl-2-pentanone	ND	0.021		mg/Kg-dry	1	8/16/2017
Methylene chloride	ND	0.011		mg/Kg-dry	1	8/16/2017
Methyl tert-butyl ether	ND	0.0053		mg/Kg-dry	1	8/16/2017
Styrene	ND	0.0053		mg/Kg-dry	1	8/16/2017
1,1,2,2-Tetrachloroethane	ND	0.0053		mg/Kg-dry	1	8/16/2017
Tetrachloroethene	ND	0.0053		mg/Kg-dry	1	8/16/2017
Toluene	ND	0.0053		mg/Kg-dry	1	8/16/2017
1,1,1-Trichloroethane	ND	0.0053		mg/Kg-dry	1	8/16/2017
1,1,2-Trichloroethane	ND	0.0053		mg/Kg-dry	1	8/16/2017
Trichloroethene	ND	0.0053		mg/Kg-dry	1	8/16/2017
Vinyl chloride	ND	0.0053		mg/Kg-dry	1	8/16/2017
Xylenes, Total	ND	0.016		mg/Kg-dry	1	8/16/2017

Qualifiers:

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Report Date: August 18, 2017

Print Date: August 18, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-56-09 (0-6)

Work Order: 17080286 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 8/7/2017 11:35:00 AM

Lab ID: 17080286-032B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed

Semivolatile Organic Compounds by GC/MS	SW8270C (SW3550B)	Prep Date: 8/10/2017	Analyst: DM

Acenaphthene	ND	0.037		mg/Kg-dry	1	8/15/2017
Acenaphthylene	ND	0.037		mg/Kg-dry	1	8/15/2017
Aniline	ND	0.38		mg/Kg-dry	1	8/15/2017
Anthracene	ND	0.037		mg/Kg-dry	1	8/15/2017
Benz(a)anthracene	ND	0.037		mg/Kg-dry	1	8/15/2017
Benzidine	ND	0.37		mg/Kg-dry	1	8/15/2017
Benzo(a)pyrene	ND	0.037		mg/Kg-dry	1	8/15/2017
Benzo(b)fluoranthene	ND	0.037		mg/Kg-dry	1	8/15/2017
Benzo(g,h,i)perylene	ND	0.037		mg/Kg-dry	1	8/15/2017
Benzo(k)fluoranthene	ND	0.037		mg/Kg-dry	1	8/15/2017
Benzoic acid	ND	0.94		mg/Kg-dry	1	8/15/2017
Benzyl alcohol	ND	0.19		mg/Kg-dry	1	8/15/2017
Bis(2-chloroethoxy)methane	ND	0.19		mg/Kg-dry	1	8/15/2017
Bis(2-chloroethyl)ether	ND	0.19		mg/Kg-dry	1	8/15/2017
Bis(2-ethylhexyl)phthalate	ND	0.94		mg/Kg-dry	1	8/15/2017
4-Bromophenyl phenyl ether	ND	0.19		mg/Kg-dry	1	8/15/2017
Butyl benzyl phthalate	ND	0.19		mg/Kg-dry	1	8/15/2017
Carbazole	ND	0.19		mg/Kg-dry	1	8/15/2017
4-Chloroaniline	ND	0.19		mg/Kg-dry	1	8/15/2017
4-Chloro-3-methylphenol	ND	0.37		mg/Kg-dry	1	8/15/2017
2-Chloronaphthalene	ND	0.19		mg/Kg-dry	1	8/15/2017
2-Chlorophenol	ND	0.19		mg/Kg-dry	1	8/15/2017
4-Chlorophenyl phenyl ether	ND	0.19		mg/Kg-dry	1	8/15/2017
Chrysene	ND	0.037		mg/Kg-dry	1	8/15/2017
Dibenz(a,h)anthracene	ND	0.037		mg/Kg-dry	1	8/15/2017
Dibenzofuran	ND	0.19		mg/Kg-dry	1	8/15/2017
1,2-Dichlorobenzene	ND	0.19		mg/Kg-dry	1	8/15/2017
1,3-Dichlorobenzene	ND	0.19		mg/Kg-dry	1	8/15/2017
1,4-Dichlorobenzene	ND	0.19		mg/Kg-dry	1	8/15/2017
3,3'-Dichlorobenzidine	ND	0.19		mg/Kg-dry	1	8/15/2017
2,4-Dichlorophenol	ND	0.19		mg/Kg-dry	1	8/15/2017
Diethyl phthalate	ND	0.19		mg/Kg-dry	1	8/15/2017
2,4-Dimethylphenol	ND	0.19		mg/Kg-dry	1	8/15/2017
Dimethyl phthalate	ND	0.19		mg/Kg-dry	1	8/15/2017
4,6-Dinitro-2-methylphenol	ND	0.37		mg/Kg-dry	1	8/15/2017
2,4-Dinitrophenol	ND	0.94		mg/Kg-dry	1	8/15/2017
2,4-Dinitrotoluene	ND	0.037		mg/Kg-dry	1	8/15/2017
2,6-Dinitrotoluene	ND	0.037		mg/Kg-dry	1	8/15/2017

Qualifiers:

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Report Date: August 18, 2017

Print Date: August 18, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-56-09 (0-6)

Work Order: 17080286 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 8/7/2017 11:35:00 AM

Lab ID: 17080286-032B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed

Semivolatile Organic Compounds by GC/MS SW8270C (SW3550B) Prep Date: 8/10/2017 Analyst: DM

Di-n-butyl phthalate	ND	0.19		mg/Kg-dry	1	8/15/2017
Di-n-octyl phthalate	ND	0.19		mg/Kg-dry	1	8/15/2017
Fluoranthene	ND	0.037		mg/Kg-dry	1	8/15/2017
Fluorene	ND	0.037		mg/Kg-dry	1	8/15/2017
Hexachlorobenzene	ND	0.19		mg/Kg-dry	1	8/15/2017
Hexachlorobutadiene	ND	0.19		mg/Kg-dry	1	8/15/2017
Hexachlorocyclopentadiene	ND	0.19		mg/Kg-dry	1	8/15/2017
Hexachloroethane	ND	0.19		mg/Kg-dry	1	8/15/2017
Indeno(1,2,3-cd)pyrene	ND	0.037		mg/Kg-dry	1	8/15/2017
Isophorone	ND	0.19		mg/Kg-dry	1	8/15/2017
2-Methylnaphthalene	ND	0.19		mg/Kg-dry	1	8/15/2017
2-Methylphenol	ND	0.19		mg/Kg-dry	1	8/15/2017
4-Methylphenol	ND	0.19		mg/Kg-dry	1	8/15/2017
Naphthalene	ND	0.037		mg/Kg-dry	1	8/15/2017
2-Nitroaniline	ND	0.19		mg/Kg-dry	1	8/15/2017
3-Nitroaniline	ND	0.19		mg/Kg-dry	1	8/15/2017
4-Nitroaniline	ND	0.19		mg/Kg-dry	1	8/15/2017
2-Nitrophenol	ND	0.19		mg/Kg-dry	1	8/15/2017
4-Nitrophenol	ND	0.37		mg/Kg-dry	1	8/15/2017
Nitrobenzene	ND	0.037		mg/Kg-dry	1	8/15/2017
N-Nitrosodi-n-propylamine	ND	0.037		mg/Kg-dry	1	8/15/2017
N-Nitrosodimethylamine	ND	0.19		mg/Kg-dry	1	8/15/2017
N-Nitrosodiphenylamine	ND	0.19		mg/Kg-dry	1	8/15/2017
2, 2'-oxybis(1-Chloropropane)	ND	0.19		mg/Kg-dry	1	8/15/2017
Pentachlorophenol	ND	0.076		mg/Kg-dry	1	8/15/2017
Phenanthrene	ND	0.037		mg/Kg-dry	1	8/15/2017
Phenol	ND	0.19		mg/Kg-dry	1	8/15/2017
Pyrene	ND	0.037		mg/Kg-dry	1	8/15/2017
Pyridine	ND	0.76		mg/Kg-dry	1	8/15/2017
1,2,4-Trichlorobenzene	ND	0.19		mg/Kg-dry	1	8/15/2017
2,4,5-Trichlorophenol	ND	0.19		mg/Kg-dry	1	8/15/2017
2,4,6-Trichlorophenol	ND	0.19		mg/Kg-dry	1	8/15/2017

Metals by ICP/MS SW6020 (SW3050B) Prep Date: 8/10/2017 Analyst: JG

Aluminum	10000	21		mg/Kg-dry	10	8/14/2017
Antimony	ND	2.1		mg/Kg-dry	10	8/14/2017
Arsenic	13	1.0		mg/Kg-dry	10	8/14/2017
Barium	100	1.0		mg/Kg-dry	10	8/14/2017
Beryllium	0.67	0.52		mg/Kg-dry	10	8/14/2017

Qualifiers:

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Report Date: August 18, 2017

Print Date: August 18, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-56-09 (0-6)

Work Order: 17080286 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 8/7/2017 11:35:00 AM

Lab ID: 17080286-032B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed

Metals by ICP/MS

SW6020 (SW3050B)

Prep Date: 8/10/2017

Analyst: JG

Cadmium	ND	0.52		mg/Kg-dry	10	8/14/2017
Calcium	45000	62		mg/Kg-dry	10	8/14/2017
Chromium	17	1.0		mg/Kg-dry	10	8/14/2017
Cobalt	12	1.0		mg/Kg-dry	10	8/14/2017
Copper	20	2.6		mg/Kg-dry	10	8/14/2017
Iron	21000	31		mg/Kg-dry	10	8/14/2017
Lead	33	0.52		mg/Kg-dry	10	8/14/2017
Magnesium	28000	31		mg/Kg-dry	10	8/14/2017
Manganese	910	1.0		mg/Kg-dry	10	8/14/2017
Nickel	21	1.0		mg/Kg-dry	10	8/14/2017
Potassium	1100	31		mg/Kg-dry	10	8/14/2017
Selenium	ND	1.0		mg/Kg-dry	10	8/14/2017
Silver	ND	1.0		mg/Kg-dry	10	8/14/2017
Sodium	870	62		mg/Kg-dry	10	8/14/2017
Thallium	ND	1.0		mg/Kg-dry	10	8/14/2017
Vanadium	28	1.0		mg/Kg-dry	10	8/14/2017
Zinc	65	5.2		mg/Kg-dry	10	8/14/2017

SPLP Metals by ICP/MS

SW1312/6020 (SW3005A)

Prep Date: 8/16/2017

Analyst: JG

Arsenic	0.0081	0.0040		mg/L	2	8/17/2017
Barium	0.036	0.020		mg/L	2	8/17/2017
Beryllium	ND	0.0020		mg/L	2	8/17/2017
Cadmium	ND	0.0020		mg/L	2	8/17/2017
Chromium	0.013	0.0040		mg/L	2	8/17/2017
Cobalt	ND	0.0040		mg/L	2	8/17/2017
Copper	ND	0.040		mg/L	2	8/17/2017
Iron	11	0.10		mg/L	2	8/17/2017
Lead	0.0073	0.0020		mg/L	2	8/17/2017
Manganese	0.086	0.0040		mg/L	2	8/17/2017
Nickel	0.011	0.0040		mg/L	2	8/17/2017
Selenium	ND	0.0040		mg/L	2	8/17/2017
Silver	ND	0.0040		mg/L	2	8/17/2017
Zinc	0.054	0.040		mg/L	2	8/17/2017

TCLP Metals by ICP/MS

SW1311/6020 (SW3005A)

Prep Date: 8/17/2017

Analyst: JG

Arsenic	ND	0.010		mg/L	5	8/17/2017
Barium	0.58	0.050		mg/L	5	8/17/2017
Beryllium	ND	0.0050		mg/L	5	8/17/2017
Cadmium	ND	0.0050		mg/L	5	8/17/2017

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

Report Date: August 18, 2017

Print Date: August 18, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-56-09 (0-6)

Work Order: 17080286 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL

Collection Date: 8/7/2017 11:35:00 AM

Lab ID: 17080286-032B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
TCLP Metals by ICP/MS	SW1311/6020 (SW3005A)			Prep Date: 8/17/2017		Analyst: JG
Chromium	ND	0.010		mg/L	5	8/17/2017
Cobalt	ND	0.010		mg/L	5	8/17/2017
Copper	ND	0.10		mg/L	5	8/17/2017
Iron	ND	0.25		mg/L	5	8/17/2017
Lead	ND	0.0050		mg/L	5	8/17/2017
Manganese	0.69	0.010		mg/L	5	8/17/2017
Nickel	ND	0.010		mg/L	5	8/17/2017
Selenium	ND	0.010		mg/L	5	8/17/2017
Silver	ND	0.010		mg/L	5	8/17/2017
Zinc	ND	0.050		mg/L	5	8/17/2017
TCLP Mercury	SW1311/7470A			Prep Date: 8/17/2017		Analyst: LB
Mercury	ND	0.00020		mg/L	1	8/17/2017
SPLP Mercury	SW1312/7470A			Prep Date: 8/15/2017		Analyst: LB
Mercury	ND	0.00025		mg/L	1	8/16/2017
Mercury	SW7471A			Prep Date: 8/11/2017		Analyst: LB
Mercury	0.059	0.020		mg/Kg-dry	1	8/14/2017
pH (25 °C)	SW9045C			Prep Date: 8/14/2017		Analyst: RW
pH	8.59			pH Units	1	8/14/2017
Percent Moisture	D2974			Prep Date: 8/10/2017		Analyst: KKA
Percent Moisture	12.9	0.2	*	wt%	1	8/11/2017

Qualifiers:

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Report Date: August 18, 2017

Print Date: August 18, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-56-09 (6-12)

Work Order: 17080286 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 8/7/2017 11:39:00 AM

Lab ID: 17080286-033A

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS		SW5035/8260B		Prep Date: 8/9/2017		Analyst: JNM
Acetone	0.081	0.080		mg/Kg-dry	1	8/16/2017
Benzene	ND	0.0053		mg/Kg-dry	1	8/16/2017
Bromodichloromethane	ND	0.0053		mg/Kg-dry	1	8/16/2017
Bromoform	ND	0.0053		mg/Kg-dry	1	8/16/2017
Bromomethane	ND	0.011		mg/Kg-dry	1	8/16/2017
2-Butanone	ND	0.080		mg/Kg-dry	1	8/16/2017
Carbon disulfide	ND	0.053		mg/Kg-dry	1	8/16/2017
Carbon tetrachloride	ND	0.0053		mg/Kg-dry	1	8/16/2017
Chlorobenzene	ND	0.0053		mg/Kg-dry	1	8/16/2017
Chloroethane	ND	0.011		mg/Kg-dry	1	8/16/2017
Chloroform	ND	0.0053		mg/Kg-dry	1	8/16/2017
Chloromethane	ND	0.011		mg/Kg-dry	1	8/16/2017
Dibromochloromethane	ND	0.0053		mg/Kg-dry	1	8/16/2017
1,1-Dichloroethane	ND	0.0053		mg/Kg-dry	1	8/16/2017
1,2-Dichloroethane	ND	0.0053		mg/Kg-dry	1	8/16/2017
1,1-Dichloroethene	ND	0.0053		mg/Kg-dry	1	8/16/2017
cis-1,2-Dichloroethene	ND	0.0053		mg/Kg-dry	1	8/16/2017
trans-1,2-Dichloroethene	ND	0.0053		mg/Kg-dry	1	8/16/2017
1,2-Dichloropropane	ND	0.0053		mg/Kg-dry	1	8/16/2017
cis-1,3-Dichloropropene	ND	0.0021		mg/Kg-dry	1	8/16/2017
trans-1,3-Dichloropropene	ND	0.0021		mg/Kg-dry	1	8/16/2017
Ethylbenzene	ND	0.0053		mg/Kg-dry	1	8/16/2017
2-Hexanone	ND	0.021		mg/Kg-dry	1	8/16/2017
4-Methyl-2-pentanone	ND	0.021		mg/Kg-dry	1	8/16/2017
Methylene chloride	ND	0.011		mg/Kg-dry	1	8/16/2017
Methyl tert-butyl ether	ND	0.0053		mg/Kg-dry	1	8/16/2017
Styrene	ND	0.0053		mg/Kg-dry	1	8/16/2017
1,1,2,2-Tetrachloroethane	ND	0.0053		mg/Kg-dry	1	8/16/2017
Tetrachloroethene	ND	0.0053		mg/Kg-dry	1	8/16/2017
Toluene	ND	0.0053		mg/Kg-dry	1	8/16/2017
1,1,1-Trichloroethane	ND	0.0053		mg/Kg-dry	1	8/16/2017
1,1,2-Trichloroethane	ND	0.0053		mg/Kg-dry	1	8/16/2017
Trichloroethene	ND	0.0053		mg/Kg-dry	1	8/16/2017
Vinyl chloride	ND	0.0053		mg/Kg-dry	1	8/16/2017
Xylenes, Total	ND	0.016		mg/Kg-dry	1	8/16/2017

Qualifiers:

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Report Date: August 18, 2017

Print Date: August 18, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-56-09 (6-12)

Work Order: 17080286 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL

Collection Date: 8/7/2017 11:39:00 AM

Lab ID: 17080286-033B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed

Semivolatile Organic Compounds by GC/MS	SW8270C (SW3550B)	Prep Date: 8/10/2017	Analyst: DM

Acenaphthene	ND	0.038		mg/Kg-dry	1	8/15/2017
Acenaphthylene	ND	0.038		mg/Kg-dry	1	8/15/2017
Aniline	ND	0.38		mg/Kg-dry	1	8/15/2017
Anthracene	ND	0.038		mg/Kg-dry	1	8/15/2017
Benz(a)anthracene	ND	0.038		mg/Kg-dry	1	8/15/2017
Benzidine	ND	0.38		mg/Kg-dry	1	8/15/2017
Benzo(a)pyrene	ND	0.038		mg/Kg-dry	1	8/15/2017
Benzo(b)fluoranthene	ND	0.038		mg/Kg-dry	1	8/15/2017
Benzo(g,h,i)perylene	ND	0.038		mg/Kg-dry	1	8/15/2017
Benzo(k)fluoranthene	ND	0.038		mg/Kg-dry	1	8/15/2017
Benzoic acid	ND	0.94		mg/Kg-dry	1	8/15/2017
Benzyl alcohol	ND	0.19		mg/Kg-dry	1	8/15/2017
Bis(2-chloroethoxy)methane	ND	0.19		mg/Kg-dry	1	8/15/2017
Bis(2-chloroethyl)ether	ND	0.19		mg/Kg-dry	1	8/15/2017
Bis(2-ethylhexyl)phthalate	ND	0.94		mg/Kg-dry	1	8/15/2017
4-Bromophenyl phenyl ether	ND	0.19		mg/Kg-dry	1	8/15/2017
Butyl benzyl phthalate	ND	0.19		mg/Kg-dry	1	8/15/2017
Carbazole	ND	0.19		mg/Kg-dry	1	8/15/2017
4-Chloroaniline	ND	0.19		mg/Kg-dry	1	8/15/2017
4-Chloro-3-methylphenol	ND	0.38		mg/Kg-dry	1	8/15/2017
2-Chloronaphthalene	ND	0.19		mg/Kg-dry	1	8/15/2017
2-Chlorophenol	ND	0.19		mg/Kg-dry	1	8/15/2017
4-Chlorophenyl phenyl ether	ND	0.19		mg/Kg-dry	1	8/15/2017
Chrysene	ND	0.038		mg/Kg-dry	1	8/15/2017
Dibenz(a,h)anthracene	ND	0.038		mg/Kg-dry	1	8/15/2017
Dibenzofuran	ND	0.19		mg/Kg-dry	1	8/15/2017
1,2-Dichlorobenzene	ND	0.19		mg/Kg-dry	1	8/15/2017
1,3-Dichlorobenzene	ND	0.19		mg/Kg-dry	1	8/15/2017
1,4-Dichlorobenzene	ND	0.19		mg/Kg-dry	1	8/15/2017
3,3'-Dichlorobenzidine	ND	0.19		mg/Kg-dry	1	8/15/2017
2,4-Dichlorophenol	ND	0.19		mg/Kg-dry	1	8/15/2017
Diethyl phthalate	ND	0.19		mg/Kg-dry	1	8/15/2017
2,4-Dimethylphenol	ND	0.19		mg/Kg-dry	1	8/15/2017
Dimethyl phthalate	ND	0.19		mg/Kg-dry	1	8/15/2017
4,6-Dinitro-2-methylphenol	ND	0.38		mg/Kg-dry	1	8/15/2017
2,4-Dinitrophenol	ND	0.94		mg/Kg-dry	1	8/15/2017
2,4-Dinitrotoluene	ND	0.038		mg/Kg-dry	1	8/15/2017
2,6-Dinitrotoluene	ND	0.038		mg/Kg-dry	1	8/15/2017

Qualifiers:

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Report Date: August 18, 2017

Print Date: August 18, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-56-09 (6-12)

Work Order: 17080286 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL

Collection Date: 8/7/2017 11:39:00 AM

Lab ID: 17080286-033B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed

Semivolatile Organic Compounds by GC/MS**SW8270C (SW3550B)**

Prep Date: 8/10/2017

Analyst: DM

Di-n-butyl phthalate	ND	0.19		mg/Kg-dry	1	8/15/2017
Di-n-octyl phthalate	ND	0.19		mg/Kg-dry	1	8/15/2017
Fluoranthene	ND	0.038		mg/Kg-dry	1	8/15/2017
Fluorene	ND	0.038		mg/Kg-dry	1	8/15/2017
Hexachlorobenzene	ND	0.19		mg/Kg-dry	1	8/15/2017
Hexachlorobutadiene	ND	0.19		mg/Kg-dry	1	8/15/2017
Hexachlorocyclopentadiene	ND	0.19		mg/Kg-dry	1	8/15/2017
Hexachloroethane	ND	0.19		mg/Kg-dry	1	8/15/2017
Indeno(1,2,3-cd)pyrene	ND	0.038		mg/Kg-dry	1	8/15/2017
Isophorone	ND	0.19		mg/Kg-dry	1	8/15/2017
2-Methylnaphthalene	ND	0.19		mg/Kg-dry	1	8/15/2017
2-Methylphenol	ND	0.19		mg/Kg-dry	1	8/15/2017
4-Methylphenol	ND	0.19		mg/Kg-dry	1	8/15/2017
Naphthalene	ND	0.038		mg/Kg-dry	1	8/15/2017
2-Nitroaniline	ND	0.19		mg/Kg-dry	1	8/15/2017
3-Nitroaniline	ND	0.19		mg/Kg-dry	1	8/15/2017
4-Nitroaniline	ND	0.19		mg/Kg-dry	1	8/15/2017
2-Nitrophenol	ND	0.19		mg/Kg-dry	1	8/15/2017
4-Nitrophenol	ND	0.38		mg/Kg-dry	1	8/15/2017
Nitrobenzene	ND	0.038		mg/Kg-dry	1	8/15/2017
N-Nitrosodi-n-propylamine	ND	0.038		mg/Kg-dry	1	8/15/2017
N-Nitrosodimethylamine	ND	0.19		mg/Kg-dry	1	8/15/2017
N-Nitrosodiphenylamine	ND	0.19		mg/Kg-dry	1	8/15/2017
2, 2'-oxybis(1-Chloropropane)	ND	0.19		mg/Kg-dry	1	8/15/2017
Pentachlorophenol	ND	0.076		mg/Kg-dry	1	8/15/2017
Phenanthrene	ND	0.038		mg/Kg-dry	1	8/15/2017
Phenol	ND	0.19		mg/Kg-dry	1	8/15/2017
Pyrene	ND	0.038		mg/Kg-dry	1	8/15/2017
Pyridine	ND	0.76		mg/Kg-dry	1	8/15/2017
1,2,4-Trichlorobenzene	ND	0.19		mg/Kg-dry	1	8/15/2017
2,4,5-Trichlorophenol	ND	0.19		mg/Kg-dry	1	8/15/2017
2,4,6-Trichlorophenol	ND	0.19		mg/Kg-dry	1	8/15/2017

Metals by ICP/MS**SW6020 (SW3050B)**

Prep Date: 8/10/2017

Analyst: JG

Aluminum	7100	21		mg/Kg-dry	10	8/14/2017
Antimony	ND	2.1		mg/Kg-dry	10	8/14/2017
Arsenic	2.7	1.0		mg/Kg-dry	10	8/14/2017
Barium	35	1.0		mg/Kg-dry	10	8/14/2017
Beryllium	ND	0.52		mg/Kg-dry	10	8/14/2017

Qualifiers:

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ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-56-09 (6-12)

Work Order: 17080286 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL

Collection Date: 8/7/2017 11:39:00 AM

Lab ID: 17080286-033B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed

Metals by ICP/MS

SW6020 (SW3050B)

Prep Date: 8/10/2017

Analyst: JG

Cadmium	ND	0.52		mg/Kg-dry	10	8/14/2017
Calcium	79000	62		mg/Kg-dry	10	8/14/2017
Chromium	14	1.0		mg/Kg-dry	10	8/14/2017
Cobalt	4.0	1.0		mg/Kg-dry	10	8/14/2017
Copper	14	2.6		mg/Kg-dry	10	8/14/2017
Iron	16000	31		mg/Kg-dry	10	8/14/2017
Lead	7.4	0.52		mg/Kg-dry	10	8/14/2017
Magnesium	49000	31		mg/Kg-dry	10	8/14/2017
Manganese	180	1.0		mg/Kg-dry	10	8/14/2017
Nickel	12	1.0		mg/Kg-dry	10	8/14/2017
Potassium	920	31		mg/Kg-dry	10	8/14/2017
Selenium	ND	1.0		mg/Kg-dry	10	8/14/2017
Silver	ND	1.0		mg/Kg-dry	10	8/14/2017
Sodium	870	62		mg/Kg-dry	10	8/14/2017
Thallium	ND	1.0		mg/Kg-dry	10	8/14/2017
Vanadium	21	1.0		mg/Kg-dry	10	8/14/2017
Zinc	42	5.2		mg/Kg-dry	10	8/14/2017

SPLP Metals by ICP/MS

SW1312/6020 (SW3005A)

Prep Date: 8/16/2017

Analyst: JG

Arsenic	ND	0.0040		mg/L	2	8/17/2017
Barium	0.047	0.020		mg/L	2	8/17/2017
Beryllium	ND	0.0020		mg/L	2	8/17/2017
Cadmium	ND	0.0020		mg/L	2	8/17/2017
Chromium	0.020	0.0040		mg/L	2	8/17/2017
Cobalt	ND	0.0040		mg/L	2	8/17/2017
Copper	ND	0.040		mg/L	2	8/17/2017
Iron	15	0.10		mg/L	2	8/17/2017
Lead	0.0054	0.0020		mg/L	2	8/17/2017
Manganese	0.072	0.0040		mg/L	2	8/17/2017
Nickel	0.012	0.0040		mg/L	2	8/17/2017
Selenium	ND	0.0040		mg/L	2	8/17/2017
Silver	ND	0.0040		mg/L	2	8/17/2017
Zinc	0.061	0.040		mg/L	2	8/17/2017

TCLP Metals by ICP/MS

SW1311/6020 (SW3005A)

Prep Date: 8/17/2017

Analyst: JG

Arsenic	ND	0.010		mg/L	5	8/17/2017
Barium	0.49	0.050		mg/L	5	8/17/2017
Beryllium	ND	0.0050		mg/L	5	8/17/2017
Cadmium	ND	0.0050		mg/L	5	8/17/2017

Qualifiers:

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

Report Date: August 18, 2017

Print Date: August 18, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-56-09 (6-12)

Work Order: 17080286 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 8/7/2017 11:39:00 AM

Lab ID: 17080286-033B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
TCLP Metals by ICP/MS	SW1311/6020 (SW3005A)					Prep Date: 8/17/2017 Analyst: JG
Chromium	0.012	0.010		mg/L	5	8/17/2017
Cobalt	ND	0.010		mg/L	5	8/17/2017
Copper	ND	0.10		mg/L	5	8/17/2017
Iron	ND	0.25		mg/L	5	8/17/2017
Lead	ND	0.0050		mg/L	5	8/17/2017
Manganese	0.70	0.010		mg/L	5	8/17/2017
Nickel	0.020	0.010		mg/L	5	8/17/2017
Selenium	ND	0.010		mg/L	5	8/17/2017
Silver	ND	0.010		mg/L	5	8/17/2017
Zinc	ND	0.050		mg/L	5	8/17/2017
TCLP Mercury	SW1311/7470A					Prep Date: 8/17/2017 Analyst: LB
Mercury	ND	0.00020		mg/L	1	8/17/2017
SPLP Mercury	SW1312/7470A					Prep Date: 8/15/2017 Analyst: LB
Mercury	ND	0.00025		mg/L	1	8/16/2017
Mercury	SW7471A					Prep Date: 8/11/2017 Analyst: LB
Mercury	ND	0.019		mg/Kg-dry	1	8/14/2017
pH (25 °C)	SW9045C					Prep Date: 8/14/2017 Analyst: RW
pH	8.48			pH Units	1	8/14/2017
Percent Moisture	D2974					Prep Date: 8/10/2017 Analyst: KKA
Percent Moisture	13.6	0.2	*	wt%	1	8/11/2017

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

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R - RPD outside accepted recovery limits

E - Value above quantitation range

H - Holding time exceeded

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

Report Date: August 18, 2017

Print Date: August 18, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-56-09 (12-18)

Work Order: 17080286 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL

Collection Date: 8/7/2017 11:43:00 AM

Lab ID: 17080286-034A

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS		SW5035/8260B			Prep Date: 8/9/2017	Analyst: JNM
Acetone	ND	0.068		mg/Kg-dry	1	8/16/2017
Benzene	ND	0.0046		mg/Kg-dry	1	8/16/2017
Bromodichloromethane	ND	0.0046		mg/Kg-dry	1	8/16/2017
Bromoform	ND	0.0046		mg/Kg-dry	1	8/16/2017
Bromomethane	ND	0.0091		mg/Kg-dry	1	8/16/2017
2-Butanone	ND	0.068		mg/Kg-dry	1	8/16/2017
Carbon disulfide	ND	0.046		mg/Kg-dry	1	8/16/2017
Carbon tetrachloride	ND	0.0046		mg/Kg-dry	1	8/16/2017
Chlorobenzene	ND	0.0046		mg/Kg-dry	1	8/16/2017
Chloroethane	ND	0.0091		mg/Kg-dry	1	8/16/2017
Chloroform	ND	0.0046		mg/Kg-dry	1	8/16/2017
Chloromethane	ND	0.0091		mg/Kg-dry	1	8/16/2017
Dibromochloromethane	ND	0.0046		mg/Kg-dry	1	8/16/2017
1,1-Dichloroethane	ND	0.0046		mg/Kg-dry	1	8/16/2017
1,2-Dichloroethane	ND	0.0046		mg/Kg-dry	1	8/16/2017
1,1-Dichloroethene	ND	0.0046		mg/Kg-dry	1	8/16/2017
cis-1,2-Dichloroethene	ND	0.0046		mg/Kg-dry	1	8/16/2017
trans-1,2-Dichloroethene	ND	0.0046		mg/Kg-dry	1	8/16/2017
1,2-Dichloropropane	ND	0.0046		mg/Kg-dry	1	8/16/2017
cis-1,3-Dichloropropene	ND	0.0018		mg/Kg-dry	1	8/16/2017
trans-1,3-Dichloropropene	ND	0.0018		mg/Kg-dry	1	8/16/2017
Ethylbenzene	ND	0.0046		mg/Kg-dry	1	8/16/2017
2-Hexanone	ND	0.018		mg/Kg-dry	1	8/16/2017
4-Methyl-2-pentanone	ND	0.018		mg/Kg-dry	1	8/16/2017
Methylene chloride	ND	0.0091		mg/Kg-dry	1	8/16/2017
Methyl tert-butyl ether	ND	0.0046		mg/Kg-dry	1	8/16/2017
Styrene	ND	0.0046		mg/Kg-dry	1	8/16/2017
1,1,2,2-Tetrachloroethane	ND	0.0046		mg/Kg-dry	1	8/16/2017
Tetrachloroethene	ND	0.0046		mg/Kg-dry	1	8/16/2017
Toluene	ND	0.0046		mg/Kg-dry	1	8/16/2017
1,1,1-Trichloroethane	ND	0.0046		mg/Kg-dry	1	8/16/2017
1,1,2-Trichloroethane	ND	0.0046		mg/Kg-dry	1	8/16/2017
Trichloroethene	ND	0.0046		mg/Kg-dry	1	8/16/2017
Vinyl chloride	ND	0.0046		mg/Kg-dry	1	8/16/2017
Xylenes, Total	ND	0.014		mg/Kg-dry	1	8/16/2017

Qualifiers:

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

Report Date: August 18, 2017

Print Date: August 18, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-56-09 (12-18)

Work Order: 17080286 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL

Collection Date: 8/7/2017 11:43:00 AM

Lab ID: 17080286-034B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS		SW8270C (SW3550B)		Prep Date: 8/10/2017		Analyst: MEP
Acenaphthene	ND	0.038		mg/Kg-dry	1	8/14/2017
Acenaphthylene	ND	0.038		mg/Kg-dry	1	8/14/2017
Aniline	ND	0.38		mg/Kg-dry	1	8/14/2017
Anthracene	ND	0.038		mg/Kg-dry	1	8/14/2017
Benz(a)anthracene	ND	0.038		mg/Kg-dry	1	8/14/2017
Benzidine	ND	0.38		mg/Kg-dry	1	8/14/2017
Benzo(a)pyrene	ND	0.038		mg/Kg-dry	1	8/14/2017
Benzo(b)fluoranthene	ND	0.038		mg/Kg-dry	1	8/14/2017
Benzo(g,h,i)perylene	ND	0.038		mg/Kg-dry	1	8/14/2017
Benzo(k)fluoranthene	ND	0.038		mg/Kg-dry	1	8/14/2017
Benzoic acid	ND	0.96		mg/Kg-dry	1	8/14/2017
Benzyl alcohol	ND	0.20		mg/Kg-dry	1	8/14/2017
Bis(2-chloroethoxy)methane	ND	0.20		mg/Kg-dry	1	8/14/2017
Bis(2-chloroethyl)ether	ND	0.20		mg/Kg-dry	1	8/14/2017
Bis(2-ethylhexyl)phthalate	ND	0.96		mg/Kg-dry	1	8/14/2017
4-Bromophenyl phenyl ether	ND	0.20		mg/Kg-dry	1	8/14/2017
Butyl benzyl phthalate	ND	0.20		mg/Kg-dry	1	8/14/2017
Carbazole	ND	0.20		mg/Kg-dry	1	8/14/2017
4-Chloroaniline	ND	0.20		mg/Kg-dry	1	8/14/2017
4-Chloro-3-methylphenol	ND	0.38		mg/Kg-dry	1	8/14/2017
2-Chloronaphthalene	ND	0.20		mg/Kg-dry	1	8/14/2017
2-Chlorophenol	ND	0.20		mg/Kg-dry	1	8/14/2017
4-Chlorophenyl phenyl ether	ND	0.20		mg/Kg-dry	1	8/14/2017
Chrysene	ND	0.038		mg/Kg-dry	1	8/14/2017
Dibenz(a,h)anthracene	ND	0.038		mg/Kg-dry	1	8/14/2017
Dibenzofuran	ND	0.20		mg/Kg-dry	1	8/14/2017
1,2-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	8/14/2017
1,3-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	8/14/2017
1,4-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	8/14/2017
3,3'-Dichlorobenzidine	ND	0.20		mg/Kg-dry	1	8/14/2017
2,4-Dichlorophenol	ND	0.20		mg/Kg-dry	1	8/14/2017
Diethyl phthalate	ND	0.20		mg/Kg-dry	1	8/14/2017
2,4-Dimethylphenol	ND	0.20		mg/Kg-dry	1	8/14/2017
Dimethyl phthalate	ND	0.20		mg/Kg-dry	1	8/14/2017
4,6-Dinitro-2-methylphenol	ND	0.38		mg/Kg-dry	1	8/14/2017
2,4-Dinitrophenol	ND	0.96		mg/Kg-dry	1	8/14/2017
2,4-Dinitrotoluene	ND	0.038		mg/Kg-dry	1	8/14/2017
2,6-Dinitrotoluene	ND	0.038		mg/Kg-dry	1	8/14/2017

Qualifiers:

ND - Not Detected at the Reporting Limit

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

Report Date: August 18, 2017

Print Date: August 18, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-56-09 (12-18)

Work Order: 17080286 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 8/7/2017 11:43:00 AM

Lab ID: 17080286-034B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS						
	SW8270C (SW3550B)					Prep Date: 8/10/2017 Analyst: MEP
Di-n-butyl phthalate	ND	0.20		mg/Kg-dry	1	8/14/2017
Di-n-octyl phthalate	ND	0.20		mg/Kg-dry	1	8/14/2017
Fluoranthene	ND	0.038		mg/Kg-dry	1	8/14/2017
Fluorene	ND	0.038		mg/Kg-dry	1	8/14/2017
Hexachlorobenzene	ND	0.20		mg/Kg-dry	1	8/14/2017
Hexachlorobutadiene	ND	0.20		mg/Kg-dry	1	8/14/2017
Hexachlorocyclopentadiene	ND	0.20		mg/Kg-dry	1	8/14/2017
Hexachloroethane	ND	0.20		mg/Kg-dry	1	8/14/2017
Indeno(1,2,3-cd)pyrene	ND	0.038		mg/Kg-dry	1	8/14/2017
Isophorone	ND	0.20		mg/Kg-dry	1	8/14/2017
2-Methylnaphthalene	ND	0.20		mg/Kg-dry	1	8/14/2017
2-Methylphenol	ND	0.20		mg/Kg-dry	1	8/14/2017
4-Methylphenol	ND	0.20		mg/Kg-dry	1	8/14/2017
Naphthalene	ND	0.038		mg/Kg-dry	1	8/14/2017
2-Nitroaniline	ND	0.20		mg/Kg-dry	1	8/14/2017
3-Nitroaniline	ND	0.20		mg/Kg-dry	1	8/14/2017
4-Nitroaniline	ND	0.20		mg/Kg-dry	1	8/14/2017
2-Nitrophenol	ND	0.20		mg/Kg-dry	1	8/14/2017
4-Nitrophenol	ND	0.38		mg/Kg-dry	1	8/14/2017
Nitrobenzene	ND	0.038		mg/Kg-dry	1	8/14/2017
N-Nitrosodi-n-propylamine	ND	0.038		mg/Kg-dry	1	8/14/2017
N-Nitrosodimethylamine	ND	0.20		mg/Kg-dry	1	8/14/2017
N-Nitrosodiphenylamine	ND	0.20		mg/Kg-dry	1	8/14/2017
2, 2'-oxybis(1-Chloropropane)	ND	0.20		mg/Kg-dry	1	8/14/2017
Pentachlorophenol	ND	0.077		mg/Kg-dry	1	8/14/2017
Phenanthrene	ND	0.038		mg/Kg-dry	1	8/14/2017
Phenol	ND	0.20		mg/Kg-dry	1	8/14/2017
Pyrene	ND	0.038		mg/Kg-dry	1	8/14/2017
Pyridine	ND	0.77		mg/Kg-dry	1	8/14/2017
1,2,4-Trichlorobenzene	ND	0.20		mg/Kg-dry	1	8/14/2017
2,4,5-Trichlorophenol	ND	0.20		mg/Kg-dry	1	8/14/2017
2,4,6-Trichlorophenol	ND	0.20		mg/Kg-dry	1	8/14/2017
Metals by ICP/MS						
	SW6020 (SW3050B)					Prep Date: 8/10/2017 Analyst: JG
Aluminum	2800	20		mg/Kg-dry	10	8/14/2017
Antimony	ND	2.0		mg/Kg-dry	10	8/14/2017
Arsenic	1.7	0.98		mg/Kg-dry	10	8/14/2017
Barium	16	0.98		mg/Kg-dry	10	8/14/2017
Beryllium	ND	0.49		mg/Kg-dry	10	8/14/2017

Qualifiers:

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Report Date: August 18, 2017

Print Date: August 18, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-56-09 (12-18)

Work Order: 17080286 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL Collection Date: 8/7/2017 11:43:00 AM

Lab ID: 17080286-034B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed

Metals by ICP/MS

SW6020 (SW3050B)

Prep Date: 8/10/2017

Analyst: JG

Cadmium	ND	0.49		mg/Kg-dry	10	8/14/2017
Calcium	110000	590		mg/Kg-dry	100	8/14/2017
Chromium	6.9	0.98		mg/Kg-dry	10	8/14/2017
Cobalt	4.1	0.98		mg/Kg-dry	10	8/14/2017
Copper	15	2.5		mg/Kg-dry	10	8/14/2017
Iron	12000	29		mg/Kg-dry	10	8/14/2017
Lead	5.9	0.49		mg/Kg-dry	10	8/14/2017
Magnesium	59000	29		mg/Kg-dry	10	8/14/2017
Manganese	370	0.98		mg/Kg-dry	10	8/14/2017
Nickel	8.9	0.98		mg/Kg-dry	10	8/14/2017
Potassium	590	29		mg/Kg-dry	10	8/14/2017
Selenium	ND	0.98		mg/Kg-dry	10	8/14/2017
Silver	ND	0.98		mg/Kg-dry	10	8/14/2017
Sodium	450	59		mg/Kg-dry	10	8/14/2017
Thallium	ND	0.98		mg/Kg-dry	10	8/14/2017
Vanadium	13	0.98		mg/Kg-dry	10	8/14/2017
Zinc	29	4.9		mg/Kg-dry	10	8/14/2017

SPLP Metals by ICP/MS

SW1312/6020 (SW3005A)

Prep Date: 8/16/2017

Analyst: JG

Arsenic	ND	0.0040		mg/L	2	8/17/2017
Barium	ND	0.020		mg/L	2	8/17/2017
Beryllium	ND	0.0020		mg/L	2	8/17/2017
Cadmium	ND	0.0020		mg/L	2	8/17/2017
Chromium	0.0080	0.0040		mg/L	2	8/17/2017
Cobalt	ND	0.0040		mg/L	2	8/17/2017
Copper	ND	0.040		mg/L	2	8/17/2017
Iron	6.3	0.10		mg/L	2	8/17/2017
Lead	0.0028	0.0020		mg/L	2	8/17/2017
Manganese	0.036	0.0040		mg/L	2	8/17/2017
Nickel	0.0046	0.0040		mg/L	2	8/17/2017
Selenium	ND	0.0040		mg/L	2	8/17/2017
Silver	ND	0.0040		mg/L	2	8/17/2017
Zinc	ND	0.040		mg/L	2	8/17/2017

TCLP Metals by ICP/MS

SW1311/6020 (SW3005A)

Prep Date: 8/17/2017

Analyst: JG

Arsenic	ND	0.010		mg/L	5	8/17/2017
Barium	0.17	0.050		mg/L	5	8/17/2017
Beryllium	ND	0.0050		mg/L	5	8/17/2017
Cadmium	ND	0.0050		mg/L	5	8/17/2017

Qualifiers:

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Report Date: August 18, 2017

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ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2531V-56-09 (12-18)

Work Order: 17080286 Revision 0

Tag Number:

Project: 81.0220509.04, 2531V-IL 59 at US 20, Bartlett, IL

Collection Date: 8/7/2017 11:43:00 AM

Lab ID: 17080286-034B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
TCLP Metals by ICP/MS	SW1311/6020 (SW3005A)					Prep Date: 8/17/2017 Analyst: JG
Chromium	ND	0.010		mg/L	5	8/17/2017
Cobalt	0.041	0.010		mg/L	5	8/17/2017
Copper	ND	0.10		mg/L	5	8/17/2017
Iron	2.7	0.25		mg/L	5	8/17/2017
Lead	ND	0.0050		mg/L	5	8/17/2017
Manganese	5.4	0.010		mg/L	5	8/17/2017
Nickel	0.067	0.010		mg/L	5	8/17/2017
Selenium	ND	0.010		mg/L	5	8/17/2017
Silver	ND	0.010		mg/L	5	8/17/2017
Zinc	ND	0.050		mg/L	5	8/17/2017
TCLP Mercury	SW1311/7470A					Prep Date: 8/17/2017 Analyst: LB
Mercury	ND	0.00020		mg/L	1	8/17/2017
SPLP Mercury	SW1312/7470A					Prep Date: 8/15/2017 Analyst: LB
Mercury	ND	0.00025		mg/L	1	8/16/2017
Mercury	SW7471A					Prep Date: 8/11/2017 Analyst: LB
Mercury	ND	0.021		mg/Kg-dry	1	8/14/2017
pH (25 °C)	SW9045C					Prep Date: 8/14/2017 Analyst: RW
pH	8.34			pH Units	1	8/14/2017
Percent Moisture	D2974					Prep Date: 8/10/2017 Analyst: KKA
Percent Moisture	13.4	0.2	*	wt%	1	8/11/2017

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

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Huff & Huff, a Subsidiary of GZA