

**IDOT 178-008 WO #37A**  
**Illinois Route 72 at Illinois Route 83 and Oakton Street**  
**Elk Grove Village, IL**  
**PSI Report Vol 3 of 3**

**APPENDIX D**

**LPC-663 CCDD DOCUMENTS**



# Illinois Environmental Protection Agency

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

## Uncontaminated Soil Certification by Licensed Professional Engineer or Licensed Professional Geologist for Use of Uncontaminated Soil as Fill in a CCDD or Uncontaminated Soil Fill Operation LPC-663 Revised in accordance with 35 Ill. Adm. Code 1100, as amended by PCB R2012-009 (eff. Aug. 27, 2012)

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

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

### I. Source Location Information

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

Project Name: FAP 341 Oakton St to IL 83 and at IL 83/Busse Rd Office Phone Number, if available: 847-705-4122

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

2360V2-1 (1200 block of Oakton St), 2360V2-5 (1207 Oakton St), 2360V2-6 (1225 Oakton St), 2360V2-7 (1445 Oakton St), 2360V2-8 (1501 Oakton St), DUP-4 (1501 Oakton St), 2360V2-9 (1500 block of Oakton St), 2360V2-12 (1595 Oakton St), 2360V2-13 (100 Busse Rd), 2360V2-14 (1600 Oakton St), 2360V2-22 (1800 Oakton St), 2360V2-25 (1805 Oakton St), 2360V2-26 (1907 Oakton St)

City: Elk Grove Village State: IL Zip Code: 60007

County: Cook Township: Elk Grove

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

Latitude: 42.02244 Longitude: - 87.96083

(Decimal Degrees) (-Decimal Degrees)

Identify how the lat/long data were determined:

GPS  Map Interpolation  Photo Interpolation  Survey  Other

Google Earth - Approximate center of multiple addresses

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

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

Estimated Volume of debris (cu. Yd.): 1,360 CY

### 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: 847-705-4122

Contact: Irma Romiti-Johnson

Email, if available: Irma.Romiti-Johnson@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: 847-705-4122

Contact: Irma Romiti-Johnson

Email, if available: Irma.Romiti-Johnson@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.

Uncontaminated Soil Certification

**III. Basis for Certification and Attachments**

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

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

Refer to Fig 4-1 in the Final PSI Rpt and borings 2360V2-1-04 (Oakton Street 60+50 50 Left), 2360V2-5-01 (Oakton Street 57+00 50 Right), 2360V2-6-02 (Oakton Street 59+00 50 Right), 2360V2-7-02 (Oakton Street 61+00 60 Right), 2360V2-8-02 (Oakton Street 64+00 65 Right), DUP-4 (Oakton Street 64+00 65 Right), 2360V2-9-01 (Oakton Street 64+10 70 Left), 2360V2-12-01 (Oakton Street 67+00 65 Right), 2360V2-12-02 (Oakton Street 68+00 65 Right), 2360V2-13-01 (Busse Road 42+50 55 Left), 2360V2-14-04 (Oakton Street 70+50 70 Left), 2360V2-22-03 (Oakton Street 76+50 68 Left), 2360V2-25-02 (Oakton Street 76+00 60 Right), DUP-6 (Oakton Street 76+00 60 Right), 2360V2-25-03 (Oakton Street 78+40 60 Right), and 2360V2-26-02 (Oakton Street 79+75 50 Right).

- 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 Analysis Corporation report #20020373, #20020495, and #20020556. 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.

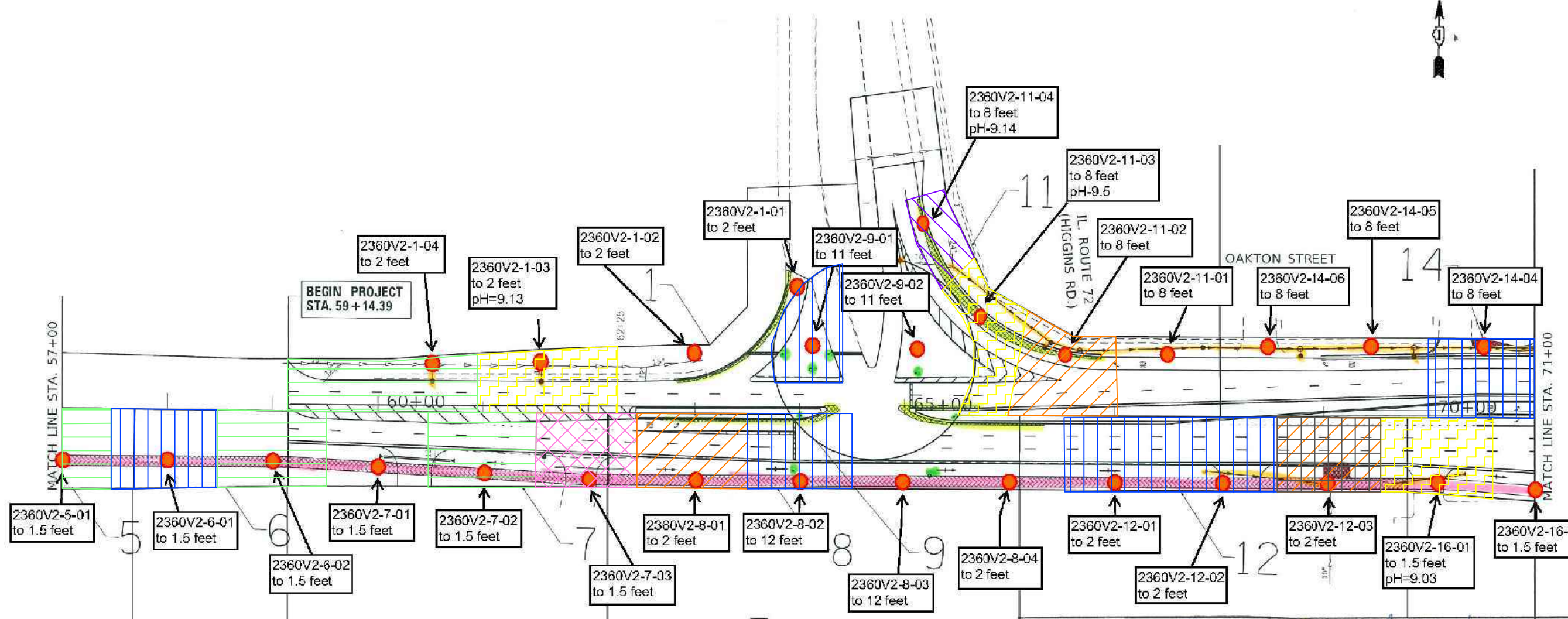
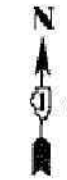
**Any person who knowingly makes a false, fictitious, or fraudulent material statement, orally or in writing, to the Illinois EPA commits a Class 4 felony. A second or subsequent offense after conviction is a Class 3 felony. (415 ILCS 5/44(h))**

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

Jeremy J. Reynolds, P.G.  
Printed Name:

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





**LEGEND**

- SOIL BORING LOCATION
- IDENTIFIED SITE
- 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 CCDDUSFO 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 CCDDUSFO 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 CCDDUSFO 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 CCDDUSFO (B(1)).
- APPROXIMATE CONSTRUCTION AREA ESTIMATED TO EXCEED TACO TIER 1 CONSTRUCTION WORKERS REFERENCE CONCENTRATIONS.
- AREAS WITHOUT SHADING ARE CONSIDERED UNRESTRICTED FOR REUSE AND OFF-SITE DISPOSAL.

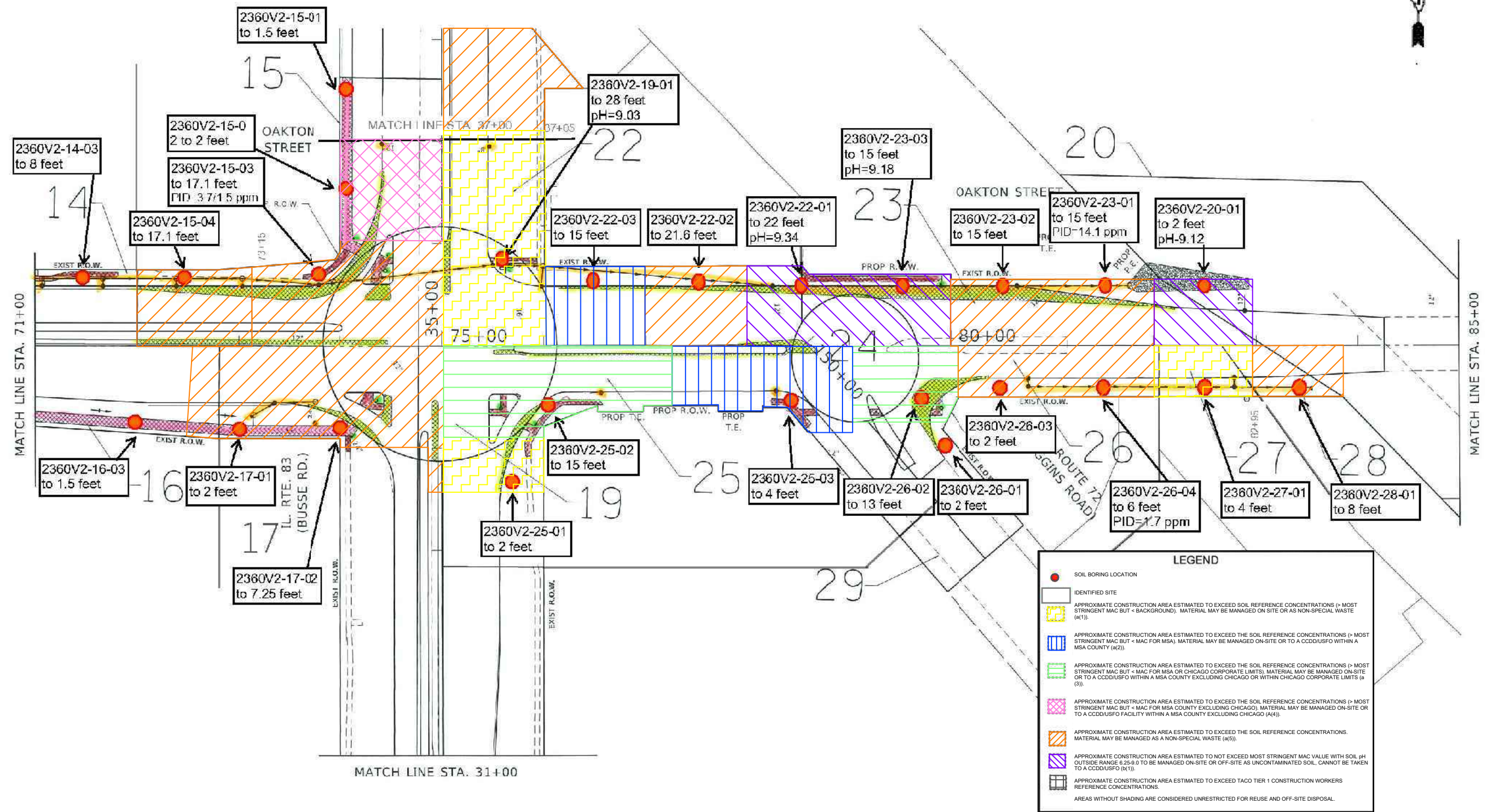
- Drainage Pipes and Structures
- Traffic Signals
- Widening
- Shared Bike Path
- Sidewalk



USER NAME: rjwara	DESIGNED: -	REVISED: -
PLOT SCALE: = 100.0000 1"=100'	DRAWN: -	REVISED: -
PLT DATE: = 9/27/2019	CHECKED: -	REVISED: -
	DATE: -	REVISED: -

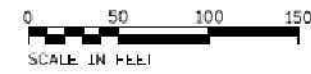
**FIGURE 4-1.1 Extent of Potentially Impacted Soil  
Huff & Huff, Inc. WO #37A**

IL. ROUTE 72 (OAKTON AVE.) AT IL. ROUTE 83 (BUSSE RD.)		F.A.P. RTE. 341	SECTION 201-1-019-T5	COUNTY COOK	TOTAL SHEETS 4	SHEET NO. 1
ESTIMATED EARTH EXCAVATION LOCATIONS		SCALE: SHEET OF SHEETS 3/4		CONTRACT NO. 60P14		



**LEGEND**

- SOIL BORING LOCATION
- IDENTIFIED SITE
- 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 (#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 CCDDUSFO WITHIN A MSA COUNTY (#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 CCDDUSFO WITHIN A MSA COUNTY EXCLUDING CHICAGO OR WITHIN CHICAGO CORPORATE LIMITS (#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 CCDDUSFO FACILITY WITHIN A MSA COUNTY EXCLUDING CHICAGO (#4).
- APPROXIMATE CONSTRUCTION AREA ESTIMATED TO EXCEED THE SOIL REFERENCE CONCENTRATIONS. MATERIAL MAY BE MANAGED AS A NON-SPECIAL WASTE (#5).
- APPROXIMATE CONSTRUCTION AREA ESTIMATED TO NOT EXCEED MOST STRINGENT MAC VALUE WITH SOIL pH OUTSIDE RANGE 6.25-8.8 TO BE MANAGED ON-SITE OR OFF-SITE AS UNCONTAMINATED SOIL. CANNOT BE TAKEN TO A CCDDUSFO (#6).
- APPROXIMATE CONSTRUCTION AREA ESTIMATED TO EXCEED TACO TIER 1 CONSTRUCTION WORKERS REFERENCE CONCENTRATIONS.
- AREAS WITHOUT SHADING ARE CONSIDERED UNRESTRICTED FOR REUSE AND OFF-SITE DISPOSAL.



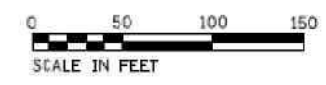
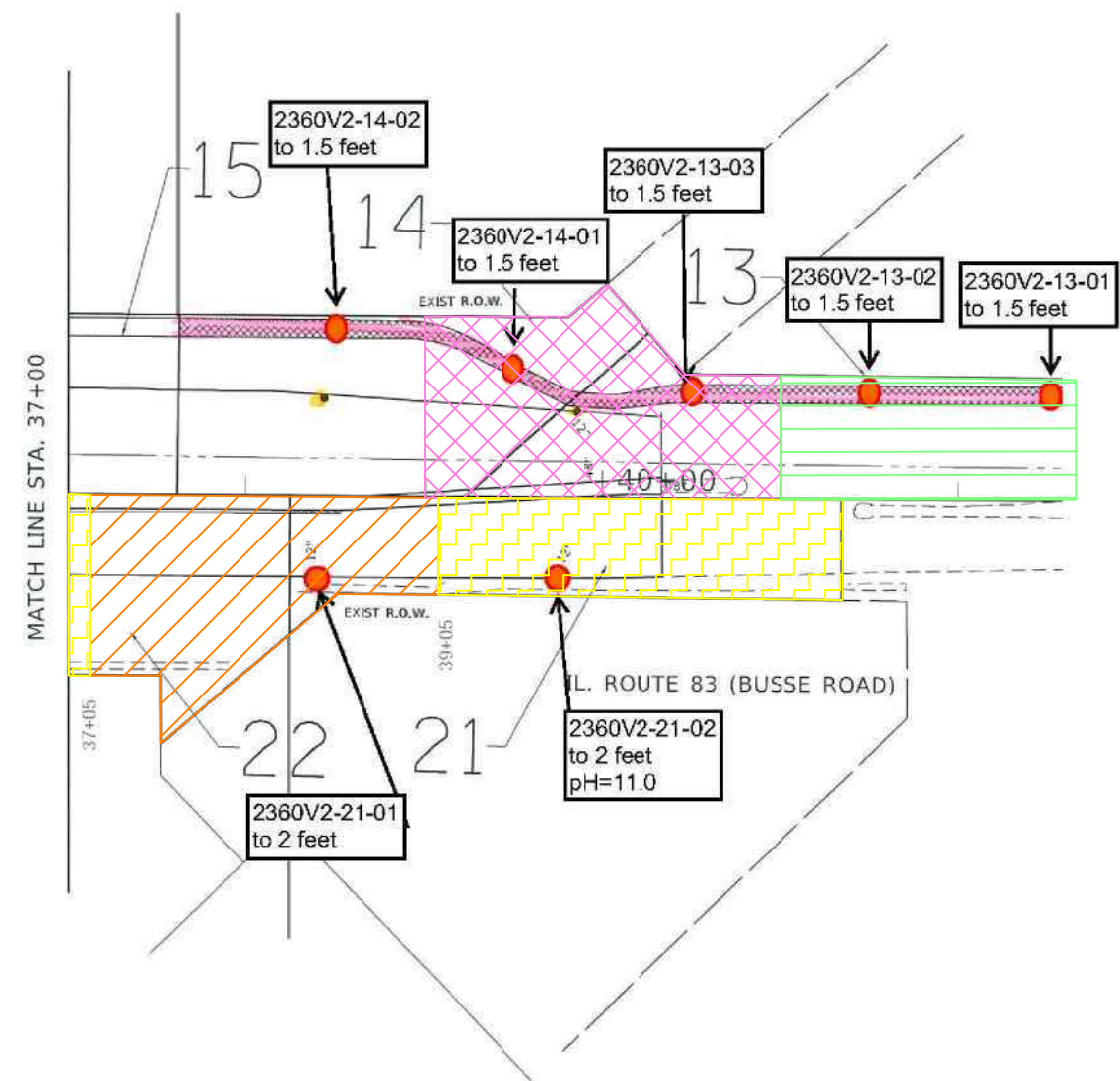
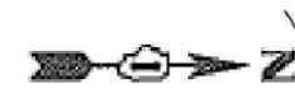
USER: HUFF	DESIGNED: -	REVISED: -
DRAWN: -	REVISED: -	REVISED: -
CHECKED: -	REVISED: -	REVISED: -
DATE: 9/27/2013	DATE: -	REVISED: -

**FIGURE 4-1.2 Extent of Potentially Impacted Soil  
Huff & Huff, Inc. WO #37A**

**IL. ROUTE 72 (OAKTON AVE.) AT IL. ROUTE 83 (BUSSE RD.)  
ESTIMATED EARTH EXCAVATION LOCATIONS**

F.A.P. NO. 341	SECTION 1211-019-T5	COUNTY COOK	TOTAL SHEETS 4	SHEET NO. 2
CONTRACT NO. 60P14				

HUFF & HUFF, INC. 11111 S. HARVEY AVE. CHICAGO, IL 60628  
 FILE NAME: C:\Users\huff\Documents\2013\1211-019-T5\1211-019-T5-02.dwg



PROJECT: 600100101  
 FILE: 2019-01-15 10:11:11 AM  
 USER: jason@huffandhuff.com  
 TITLE: 2019-01-15 10:11:11 AM

USER NAME	= jason	DESIGNED	-	REVISED	-
DRAWN	-	CHECKED	-	REVISED	-
DATE	= 5-27-2019				

**FIGURE 4-1.3 Extent of Potentially Impacted Soil  
Huff & Huff, Inc. WO #37A**

<b>IL. ROUTE 72 (OAKTON AVE.) AT IL ROUTE 83 (BUSSE RD.)</b>	
<b>ESTIMATED EARTH EXCAVATION LOCATIONS</b>	
SCALE:	SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
341	2011-019-TS	COOK	4	4
CONTRACT NO. 6CP14				

LPC-663 Results  
Soils for Reuse or Disposal at CCDD Facilities in MSA Counties + Chgo  
IDOT, District One  
IL Rt 72 (Higgins Rd), at IL 83 and Oakton St, Elk Grove, Illinois  
BDE Sequence No.: 16363A  
PTB: 178-008 / H-1, Work Order No.: 037A

Boring ID Sample Depth, ft Sample Date Excavation Area(s) [ISGS Site No. (s)]	Soil Reference Concentrations <sup>4/</sup>	Soil Remediation Objective for Construction Workers <sup>5/</sup>	Soil Remediation Objective for Residential Exposure <sup>6/</sup>	2360V2-1-04		2360V2-5-01		2360V2-6-02		2360V2-7-02		2360V2-8-02		2360V2-8-02 (DUP-4 (2360V2-8-02))		2360V2-9-01		2360V2-10-01		2360V2-12-01		2360V2-12-02		2360V2-13-01		2360V2-13-02		2360V2-14-04		2360V2-14-04		2360V2-22-03		2360V2-22-03		2360V2-25-02		2360V2-25-02 (DUP-6 (2360V2-25-02))		2360V2-25-02		2360V2-25-03		2360V2-26-02		2360V2-26-02		2360V2-26-02	
				(0-2)	(0-1.5)	(0-1.5)	(0-1.5)	(0-5)	(5-10)	(5-10)	(10-12)	(0-5)	(5-11)	(0-2)	(0-2)	(0-1.5)	(0-1.5)	(0-4)	(4-8)	(0-5)	(5-10)	(10-15)	(0-5)	(5-10)	(5-10)	(5-10)	(5-10)	(5-10)	(5-10)	(5-10)	(5-10)	(5-10)	(5-10)	(5-10)	(5-10)	(5-10)	(5-10)	(5-10)	(5-10)	(5-10)	(5-10)	(5-10)	(5-10)	(5-10)	(5-10)	(5-10)	(5-10)	(5-10)	(5-10)
Parameter	6.25 - 9.0	---	---	---	8.7	8.23	8.62	8.11	8.19	8.13	8.3	8.17	8.12	8.44	7.77	8.42	8.87	8.29	8.7	8.62	8.6	8.14	8.3	8.12	8.28	8.33	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1			
<b>VOCs, mg/kg</b>	25	100,000	70,000	< 0.082	< 0.11	< 0.10	< 0.065	< 0.076	< 0.068	< 0.072	< 0.075	< 0.071	< 0.075	< 0.071	< 0.076	< 0.065	< 0.081	< 0.053	< 0.087	< 0.077	<b>0.1</b>	< 0.056	< 0.070	< 0.069	< 0.085	< 0.10	< 0.081	< 0.071	< 0.074	< 0.062	< 0.061	< 0.055	< 0.058	< 0.051	< 0.058	< 0.054	< 0.056	< 0.058	< 0.054	< 0.054	< 0.054	< 0.054	< 0.054	< 0.054	< 0.054	< 0.054	< 0.054	< 0.054	
<b>SVOCs, mg/kg</b>	12,000	610,000	23,000	< 0.039	<b>0.05</b>	<b>0.061</b>	< 0.042	< 0.038	< 0.038	< 0.038	< 0.038	< 0.038	< 0.038	< 0.040	< 0.040	< 0.037	< 0.041	< 0.037	< 0.041	< 0.039	< 0.040	< 0.039	< 0.039	< 0.037	<b>0.08</b>	< 0.042	< 0.042	< 0.038	< 0.039	<b>0.09</b>	< 0.038	< 0.038	< 0.038	< 0.038	< 0.038	< 0.038	< 0.038	< 0.038	< 0.038	< 0.038	< 0.038	< 0.038	< 0.038	< 0.038	< 0.038	< 0.038	< 0.038	< 0.038	
<b>Total Metals, mg/kg</b>	5	82	31	< 2.1	< 2.3	< 2.1	< 2.2	< 2.1	< 1.9	< 2.0	< 2.0	< 2.2	< 2.0	< 1.9	< 2.0	< 2.2	< 2.0	< 2.1	< 2.1	< 2.1	< 2.2	< 2.0	< 2.0	< 2.0	< 1.9	< 2.2	< 2.0	< 2.1	< 2.0	< 2.1	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	

--- : Refers to not applicable or value not available  
<sup>4/</sup> Soil reference concentrations from MAC table. Background values for MSA counties are included as applicable.  
<sup>5/</sup> 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.  
<sup>6/</sup> Soil Remediation Objective for Construction Workers, most stringent of the Ingestion or Inhalation exposure route.  
<sup>7/</sup> Soil Remediation Objective for Residential exposure, most stringent of the Ingestion or Inhalation exposure route.  
<sup>8/</sup> Soil Remediation Objective for the Groundwater Component of the Groundwater Ingestion Route, Class I Groundwater.  
**Bold** indicates concentration detected  
  Shaded values indicate concentration exceeds reference concentration

**STAT Analysis Corporation**

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

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

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

Date Reported: March 12, 2020

Date Printed: March 12, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-9-01 (0-5)

Work Order: 20020495 Revision 0

Collection Date: 2/17/2020 9:35:00 AM

Project: 81.0220509.75, WO #37, Elk Grove

Matrix: Soil

Lab ID: 20020495-021

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Volatile Organic Compounds by GC/MS</b>		<b>SW5035/8260B</b>		Prep Date: <b>2/19/2020</b>		Analyst: <b>CBG</b>
Acetone	ND	0.071		mg/Kg-dry	1	2/25/2020
Benzene	ND	0.0048		mg/Kg-dry	1	2/25/2020
Bromodichloromethane	ND	0.0048		mg/Kg-dry	1	2/25/2020
Bromoform	ND	0.0048		mg/Kg-dry	1	2/25/2020
Bromomethane	ND	0.0095		mg/Kg-dry	1	2/25/2020
2-Butanone	ND	0.071		mg/Kg-dry	1	2/25/2020
Carbon disulfide	ND	0.048		mg/Kg-dry	1	2/25/2020
Carbon tetrachloride	ND	0.0048		mg/Kg-dry	1	2/25/2020
Chlorobenzene	ND	0.0048		mg/Kg-dry	1	2/25/2020
Chloroethane	ND	0.0095		mg/Kg-dry	1	2/25/2020
Chloroform	ND	0.0048		mg/Kg-dry	1	2/25/2020
Chloromethane	ND	0.0095		mg/Kg-dry	1	2/25/2020
Dibromochloromethane	ND	0.0048		mg/Kg-dry	1	2/25/2020
1,1-Dichloroethane	ND	0.0048		mg/Kg-dry	1	2/25/2020
1,2-Dichloroethane	ND	0.0048		mg/Kg-dry	1	2/25/2020
1,1-Dichloroethene	ND	0.0048		mg/Kg-dry	1	2/25/2020
cis-1,2-Dichloroethene	ND	0.0048		mg/Kg-dry	1	2/25/2020
trans-1,2-Dichloroethene	ND	0.0048		mg/Kg-dry	1	2/25/2020
1,2-Dichloropropane	ND	0.0048		mg/Kg-dry	1	2/25/2020
cis-1,3-Dichloropropene	ND	0.0019		mg/Kg-dry	1	2/25/2020
trans-1,3-Dichloropropene	ND	0.0019		mg/Kg-dry	1	2/25/2020
Ethylbenzene	ND	0.0048		mg/Kg-dry	1	2/25/2020
2-Hexanone	ND	0.019		mg/Kg-dry	1	2/25/2020
4-Methyl-2-pentanone	ND	0.019		mg/Kg-dry	1	2/25/2020
Methylene chloride	ND	0.0095		mg/Kg-dry	1	2/25/2020
Methyl tert-butyl ether	ND	0.0048		mg/Kg-dry	1	2/25/2020
Styrene	ND	0.0048		mg/Kg-dry	1	2/25/2020
1,1,2,2-Tetrachloroethane	ND	0.0048		mg/Kg-dry	1	2/25/2020
Tetrachloroethene	ND	0.0048		mg/Kg-dry	1	2/25/2020
Toluene	ND	0.0048		mg/Kg-dry	1	2/25/2020
1,1,1-Trichloroethane	ND	0.0048		mg/Kg-dry	1	2/25/2020
1,1,2-Trichloroethane	ND	0.0048		mg/Kg-dry	1	2/25/2020
Trichloroethene	ND	0.0048		mg/Kg-dry	1	2/25/2020
Vinyl chloride	ND	0.0048		mg/Kg-dry	1	2/25/2020
Xylenes, Total	ND	0.014		mg/Kg-dry	1	2/25/2020
<b>Semivolatile Organic Compounds by GC/MS</b>		<b>SW8270D (SW3550B)</b>		Prep Date: <b>2/20/2020</b>		Analyst: <b>TEM</b>
Acenaphthene	ND	0.040		mg/Kg-dry	1	2/21/2020
Acenaphthylene	ND	0.040		mg/Kg-dry	1	2/21/2020

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

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



**STAT Analysis Corporation**

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

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

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

Date Reported: March 12, 2020

Date Printed: March 12, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-9-01 (0-5)

Work Order: 20020495 Revision 0

Collection Date: 2/17/2020 9:35:00 AM

Project: 81.0220509.75, WO #37, Elk Grove

Matrix: Soil

Lab ID: 20020495-021

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Semivolatile Organic Compounds by GC/MS</b>	<b>SW8270D (SW3550B)</b>				Prep Date: 2/20/2020	Analyst: TEM
Aniline	ND	0.40		mg/Kg-dry	1	2/21/2020
Anthracene	ND	0.040		mg/Kg-dry	1	2/21/2020
Benz(a)anthracene	ND	0.040		mg/Kg-dry	1	2/21/2020
Benzidine	ND	0.40		mg/Kg-dry	1	2/21/2020
Benzo(a)pyrene	ND	0.040		mg/Kg-dry	1	2/21/2020
Benzo(b)fluoranthene	ND	0.040		mg/Kg-dry	1	2/21/2020
Benzo(g,h,i)perylene	ND	0.040		mg/Kg-dry	1	2/21/2020
Benzo(k)fluoranthene	ND	0.040		mg/Kg-dry	1	2/21/2020
Benzoic acid	ND	0.99		mg/Kg-dry	1	2/21/2020
Benzyl alcohol	ND	0.20		mg/Kg-dry	1	2/21/2020
Bis(2-chloroethoxy)methane	ND	0.20		mg/Kg-dry	1	2/21/2020
Bis(2-chloroethyl)ether	ND	0.20		mg/Kg-dry	1	2/21/2020
Bis(2-ethylhexyl)phthalate	ND	0.99		mg/Kg-dry	1	2/21/2020
4-Bromophenyl phenyl ether	ND	0.20		mg/Kg-dry	1	2/21/2020
Butyl benzyl phthalate	ND	0.20		mg/Kg-dry	1	2/21/2020
Carbazole	ND	0.20		mg/Kg-dry	1	2/21/2020
4-Chloroaniline	ND	0.20		mg/Kg-dry	1	2/21/2020
4-Chloro-3-methylphenol	ND	0.40		mg/Kg-dry	1	2/21/2020
2-Chloronaphthalene	ND	0.20		mg/Kg-dry	1	2/21/2020
2-Chlorophenol	ND	0.20		mg/Kg-dry	1	2/21/2020
4-Chlorophenyl phenyl ether	ND	0.20		mg/Kg-dry	1	2/21/2020
Chrysene	ND	0.040		mg/Kg-dry	1	2/21/2020
Dibenz(a,h)anthracene	ND	0.040		mg/Kg-dry	1	2/21/2020
Dibenzofuran	ND	0.20		mg/Kg-dry	1	2/21/2020
1,2-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	2/21/2020
1,3-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	2/21/2020
1,4-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	2/21/2020
3,3'-Dichlorobenzidine	ND	0.20		mg/Kg-dry	1	2/21/2020
2,4-Dichlorophenol	ND	0.20		mg/Kg-dry	1	2/21/2020
Diethyl phthalate	ND	0.20		mg/Kg-dry	1	2/21/2020
2,4-Dimethylphenol	ND	0.20		mg/Kg-dry	1	2/21/2020
Dimethyl phthalate	ND	0.20		mg/Kg-dry	1	2/21/2020
4,6-Dinitro-2-methylphenol	ND	0.40		mg/Kg-dry	1	2/21/2020
2,4-Dinitrophenol	ND	0.99		mg/Kg-dry	1	2/21/2020
2,4-Dinitrotoluene	ND	0.040		mg/Kg-dry	1	2/21/2020
2,6-Dinitrotoluene	ND	0.040		mg/Kg-dry	1	2/21/2020
Di-n-butyl phthalate	ND	0.20		mg/Kg-dry	1	2/21/2020
Di-n-octyl phthalate	ND	0.20		mg/Kg-dry	1	2/21/2020

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

**Qualifiers:**

J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded

**STAT Analysis Corporation**

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

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

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

Date Reported: March 12, 2020

Date Printed: March 12, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-9-01 (0-5)

Work Order: 20020495 Revision 0

Collection Date: 2/17/2020 9:35:00 AM

Project: 81.0220509.75, WO #37, Elk Grove

Matrix: Soil

Lab ID: 20020495-021

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
----------	--------	----	-----------	-------	----	---------------

Semivolatile Organic Compounds by GC/MS	SW8270D (SW3550B)		Prep Date: 2/20/2020		Analyst: TEM	
Fluoranthene	ND	0.040		mg/Kg-dry	1	2/21/2020
Fluorene	ND	0.040		mg/Kg-dry	1	2/21/2020
Hexachlorobenzene	ND	0.20		mg/Kg-dry	1	2/21/2020
Hexachlorobutadiene	ND	0.20		mg/Kg-dry	1	2/21/2020
Hexachlorocyclopentadiene	ND	0.20		mg/Kg-dry	1	2/21/2020
Hexachloroethane	ND	0.20		mg/Kg-dry	1	2/21/2020
Indeno(1,2,3-cd)pyrene	ND	0.040		mg/Kg-dry	1	2/21/2020
Isophorone	ND	0.20		mg/Kg-dry	1	2/21/2020
2-Methylnaphthalene	ND	0.20		mg/Kg-dry	1	2/21/2020
2-Methylphenol	ND	0.20		mg/Kg-dry	1	2/21/2020
4-Methylphenol	ND	0.20		mg/Kg-dry	1	2/21/2020
Naphthalene	ND	0.040		mg/Kg-dry	1	2/21/2020
2-Nitroaniline	ND	0.20		mg/Kg-dry	1	2/21/2020
3-Nitroaniline	ND	0.20		mg/Kg-dry	1	2/21/2020
4-Nitroaniline	ND	0.20		mg/Kg-dry	1	2/21/2020
2-Nitrophenol	ND	0.20		mg/Kg-dry	1	2/21/2020
4-Nitrophenol	ND	0.40		mg/Kg-dry	1	2/21/2020
Nitrobenzene	ND	0.040		mg/Kg-dry	1	2/21/2020
N-Nitrosodi-n-propylamine	ND	0.040		mg/Kg-dry	1	2/21/2020
N-Nitrosodimethylamine	ND	0.20		mg/Kg-dry	1	2/21/2020
N-Nitrosodiphenylamine	ND	0.040		mg/Kg-dry	1	2/21/2020
2, 2'-oxybis(1-Chloropropane)	ND	0.20		mg/Kg-dry	1	2/21/2020
Pentachlorophenol	ND	0.040		mg/Kg-dry	1	2/21/2020
Phenanthrene	ND	0.040		mg/Kg-dry	1	2/21/2020
Phenol	ND	0.20		mg/Kg-dry	1	2/21/2020
Pyrene	ND	0.040		mg/Kg-dry	1	2/21/2020
Pyridine	ND	0.80		mg/Kg-dry	1	2/21/2020
1,2,4-Trichlorobenzene	ND	0.20		mg/Kg-dry	1	2/21/2020
2,4,5-Trichlorophenol	ND	0.20		mg/Kg-dry	1	2/21/2020
2,4,6-Trichlorophenol	ND	0.20		mg/Kg-dry	1	2/21/2020

Metals by ICP/MS	SW6020A (SW3050B)		Prep Date: 2/24/2020		Analyst: JG	
Antimony	ND	2.2		mg/Kg-dry	10	2/24/2020
Arsenic	11	1.1		mg/Kg-dry	10	2/24/2020
Barium	110	1.1		mg/Kg-dry	10	2/24/2020
Beryllium	1.7	0.54		mg/Kg-dry	10	2/24/2020
Cadmium	1.2	0.54		mg/Kg-dry	10	2/24/2020
Calcium	9700	65		mg/Kg-dry	10	2/24/2020
Chromium	30	1.1		mg/Kg-dry	10	2/24/2020

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

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

**STAT Analysis Corporation**

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

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

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

Date Reported: March 12, 2020

Date Printed: March 12, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-9-01 (0-5)

Work Order: 20020495 Revision 0

Collection Date: 2/17/2020 9:35:00 AM

Project: 81.0220509.75, WO #37, Elk Grove

Matrix: Soil

Lab ID: 20020495-021

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
----------	--------	----	-----------	-------	----	---------------

**Metals by ICP/MS****SW6020A (SW3050B)**

Prep Date: 2/24/2020

Analyst: JG

Cobalt	18	1.1		mg/Kg-dry	10	2/24/2020
Copper	33	2.7		mg/Kg-dry	10	2/24/2020
Iron	33000	32		mg/Kg-dry	10	2/24/2020
Lead	18	0.54		mg/Kg-dry	10	2/24/2020
Magnesium	11000	32		mg/Kg-dry	10	2/24/2020
Manganese	290	1.1		mg/Kg-dry	10	2/24/2020
Nickel	43	1.1		mg/Kg-dry	10	2/24/2020
Potassium	2400	32		mg/Kg-dry	10	2/24/2020
Selenium	1.1	1.1		mg/Kg-dry	10	2/24/2020
Silver	ND	1.1		mg/Kg-dry	10	2/24/2020
Sodium	320	65		mg/Kg-dry	10	2/24/2020
Thallium	1.7	1.1		mg/Kg-dry	10	2/24/2020
Vanadium	37	1.1		mg/Kg-dry	10	2/24/2020
Zinc	69	5.4		mg/Kg-dry	10	2/24/2020

**SPLP Metals by ICP/MS****SW1312/6020A (SW3005A)**

Prep Date: 2/21/2020

Analyst: MDT

Arsenic	0.0049	0.0040		mg/L	2	2/22/2020
Barium	0.024	0.020		mg/L	2	2/22/2020
Beryllium	ND	0.0020		mg/L	2	2/24/2020
Cadmium	ND	0.0020		mg/L	2	2/22/2020
Chromium	0.0061	0.0040		mg/L	2	2/22/2020
Cobalt	ND	0.0040		mg/L	2	2/22/2020
Copper	ND	0.040		mg/L	2	2/22/2020
Iron	3.5	0.10		mg/L	2	2/22/2020
Lead	0.0056	0.0020		mg/L	2	2/22/2020
Manganese	0.046	0.0040		mg/L	2	2/22/2020
Nickel	0.0046	0.0040		mg/L	2	2/22/2020
Selenium	ND	0.0040		mg/L	2	2/22/2020
Silver	ND	0.0040		mg/L	2	2/22/2020
Zinc	0.026	0.020		mg/L	2	2/22/2020

**TCLP Metals by ICP/MS****SW1311/6020A (SW3005A)**

Prep Date: 2/24/2020

Analyst: MDT

Arsenic	ND	0.010		mg/L	5	2/24/2020
Barium	0.70	0.050		mg/L	5	2/24/2020
Beryllium	ND	0.0050		mg/L	5	2/26/2020
Cadmium	ND	0.0050		mg/L	5	2/24/2020
Chromium	ND	0.010		mg/L	5	2/24/2020
Cobalt	0.022	0.010		mg/L	5	2/24/2020
Copper	ND	0.10		mg/L	5	2/24/2020

**Qualifiers:**

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

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

**STAT Analysis Corporation**

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

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

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

Date Reported: March 12, 2020

Date Printed: March 12, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Work Order: 20020495 Revision 0

Project: 81.0220509.75, WO #37, Elk Grove

Lab ID: 20020495-021

Client Sample ID: 2360V2-9-01 (0-5)

Collection Date: 2/17/2020 9:35:00 AM

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>TCLP Metals by ICP/MS</b>	<b>SW1311/6020A (SW3005A)</b>		Prep Date: <b>2/24/2020</b>		Analyst: <b>MDT</b>	
Iron	ND	0.25		mg/L	5	2/24/2020
Lead	0.011	0.0050		mg/L	5	2/24/2020
Manganese	8.1	0.010		mg/L	5	2/24/2020
Nickel	0.016	0.010		mg/L	5	2/24/2020
Selenium	ND	0.010		mg/L	5	2/24/2020
Silver	ND	0.010		mg/L	5	2/24/2020
Zinc	0.57	0.050		mg/L	5	2/24/2020
<b>TCLP Mercury</b>	<b>SW1311/7470A</b>		Prep Date: <b>2/28/2020</b>		Analyst: <b>LB</b>	
Mercury	ND	0.00020		mg/L	1	3/2/2020
<b>SPLP Mercury</b>	<b>SW1312/7470A</b>		Prep Date: <b>2/28/2020</b>		Analyst: <b>LB</b>	
Mercury	ND	0.00020		mg/L	1	3/2/2020
<b>Mercury</b>	<b>SW7471B</b>		Prep Date: <b>3/11/2020</b>		Analyst: <b>LB</b>	
Mercury	0.091	0.023		mg/Kg-dry	1	3/11/2020
<b>pH (25 °C)</b>	<b>SW9045C</b>		Prep Date: <b>2/25/2020</b>		Analyst: <b>FN</b>	
pH	8.12			pH Units	1	2/25/2020
<b>Percent Moisture</b>	<b>D2974</b>		Prep Date: <b>2/19/2020</b>		Analyst: <b>FN</b>	
Percent Moisture	16.6	0.2	*	wt%	1	2/20/2020

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

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

**STAT Analysis Corporation**

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

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

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

Date Reported: March 12, 2020

Date Printed: March 12, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-9-01 (5-11)

Work Order: 20020495 Revision 0

Collection Date: 2/17/2020 9:40:00 AM

Project: 81.0220509.75, WO #37, Elk Grove

Matrix: Soil

Lab ID: 20020495-022

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Volatile Organic Compounds by GC/MS</b>		<b>SW5035/8260B</b>		Prep Date: <b>2/19/2020</b>		Analyst: <b>CBG</b>
Acetone	ND	0.076		mg/Kg-dry	1	2/25/2020
Benzene	ND	0.0050		mg/Kg-dry	1	2/25/2020
Bromodichloromethane	ND	0.0050		mg/Kg-dry	1	2/25/2020
Bromoform	ND	0.0050		mg/Kg-dry	1	2/25/2020
Bromomethane	ND	0.010		mg/Kg-dry	1	2/25/2020
2-Butanone	ND	0.076		mg/Kg-dry	1	2/25/2020
Carbon disulfide	ND	0.050		mg/Kg-dry	1	2/25/2020
Carbon tetrachloride	ND	0.0050		mg/Kg-dry	1	2/25/2020
Chlorobenzene	ND	0.0050		mg/Kg-dry	1	2/25/2020
Chloroethane	ND	0.010		mg/Kg-dry	1	2/25/2020
Chloroform	ND	0.0050		mg/Kg-dry	1	2/25/2020
Chloromethane	ND	0.010		mg/Kg-dry	1	2/25/2020
Dibromochloromethane	ND	0.0050		mg/Kg-dry	1	2/25/2020
1,1-Dichloroethane	ND	0.0050		mg/Kg-dry	1	2/25/2020
1,2-Dichloroethane	ND	0.0050		mg/Kg-dry	1	2/25/2020
1,1-Dichloroethene	ND	0.0050		mg/Kg-dry	1	2/25/2020
cis-1,2-Dichloroethene	ND	0.0050		mg/Kg-dry	1	2/25/2020
trans-1,2-Dichloroethene	ND	0.0050		mg/Kg-dry	1	2/25/2020
1,2-Dichloropropane	ND	0.0050		mg/Kg-dry	1	2/25/2020
cis-1,3-Dichloropropene	ND	0.0020		mg/Kg-dry	1	2/25/2020
trans-1,3-Dichloropropene	ND	0.0020		mg/Kg-dry	1	2/25/2020
Ethylbenzene	ND	0.0050		mg/Kg-dry	1	2/25/2020
2-Hexanone	ND	0.020		mg/Kg-dry	1	2/25/2020
4-Methyl-2-pentanone	ND	0.020		mg/Kg-dry	1	2/25/2020
Methylene chloride	ND	0.010		mg/Kg-dry	1	2/25/2020
Methyl tert-butyl ether	ND	0.0050		mg/Kg-dry	1	2/25/2020
Styrene	ND	0.0050		mg/Kg-dry	1	2/25/2020
1,1,2,2-Tetrachloroethane	ND	0.0050		mg/Kg-dry	1	2/25/2020
Tetrachloroethene	ND	0.0050		mg/Kg-dry	1	2/25/2020
Toluene	ND	0.0050		mg/Kg-dry	1	2/25/2020
1,1,1-Trichloroethane	ND	0.0050		mg/Kg-dry	1	2/25/2020
1,1,2-Trichloroethane	ND	0.0050		mg/Kg-dry	1	2/25/2020
Trichloroethene	ND	0.0050		mg/Kg-dry	1	2/25/2020
Vinyl chloride	ND	0.0050		mg/Kg-dry	1	2/25/2020
Xylenes, Total	ND	0.015		mg/Kg-dry	1	2/25/2020
<b>Semivolatile Organic Compounds by GC/MS</b>		<b>SW8270D (SW3550B)</b>		Prep Date: <b>2/20/2020</b>		Analyst: <b>TEM</b>
Acenaphthene	ND	0.040		mg/Kg-dry	1	2/21/2020
Acenaphthylene	ND	0.040		mg/Kg-dry	1	2/21/2020

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

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

**STAT Analysis Corporation**

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

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

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

Date Reported: March 12, 2020

Date Printed: March 12, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-9-01 (5-11)

Work Order: 20020495 Revision 0

Collection Date: 2/17/2020 9:40:00 AM

Project: 81.0220509.75, WO #37, Elk Grove

Matrix: Soil

Lab ID: 20020495-022

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Semivolatile Organic Compounds by GC/MS</b>	<b>SW8270D (SW3550B)</b>				Prep Date: 2/20/2020	Analyst: TEM
Aniline	ND	0.40		mg/Kg-dry	1	2/21/2020
Anthracene	ND	0.040		mg/Kg-dry	1	2/21/2020
Benz(a)anthracene	ND	0.040		mg/Kg-dry	1	2/21/2020
Benzidine	ND	0.40		mg/Kg-dry	1	2/21/2020
Benzo(a)pyrene	ND	0.040		mg/Kg-dry	1	2/21/2020
Benzo(b)fluoranthene	ND	0.040		mg/Kg-dry	1	2/21/2020
Benzo(g,h,i)perylene	ND	0.040		mg/Kg-dry	1	2/21/2020
Benzo(k)fluoranthene	ND	0.040		mg/Kg-dry	1	2/21/2020
Benzoic acid	ND	1.0		mg/Kg-dry	1	2/21/2020
Benzyl alcohol	ND	0.20		mg/Kg-dry	1	2/21/2020
Bis(2-chloroethoxy)methane	ND	0.20		mg/Kg-dry	1	2/21/2020
Bis(2-chloroethyl)ether	ND	0.20		mg/Kg-dry	1	2/21/2020
Bis(2-ethylhexyl)phthalate	ND	1.0		mg/Kg-dry	1	2/21/2020
4-Bromophenyl phenyl ether	ND	0.20		mg/Kg-dry	1	2/21/2020
Butyl benzyl phthalate	ND	0.20		mg/Kg-dry	1	2/21/2020
Carbazole	ND	0.20		mg/Kg-dry	1	2/21/2020
4-Chloroaniline	ND	0.20		mg/Kg-dry	1	2/21/2020
4-Chloro-3-methylphenol	ND	0.40		mg/Kg-dry	1	2/21/2020
2-Chloronaphthalene	ND	0.20		mg/Kg-dry	1	2/21/2020
2-Chlorophenol	ND	0.20		mg/Kg-dry	1	2/21/2020
4-Chlorophenyl phenyl ether	ND	0.20		mg/Kg-dry	1	2/21/2020
Chrysene	ND	0.040		mg/Kg-dry	1	2/21/2020
Dibenz(a,h)anthracene	ND	0.040		mg/Kg-dry	1	2/21/2020
Dibenzofuran	ND	0.20		mg/Kg-dry	1	2/21/2020
1,2-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	2/21/2020
1,3-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	2/21/2020
1,4-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	2/21/2020
3,3'-Dichlorobenzidine	ND	0.20		mg/Kg-dry	1	2/21/2020
2,4-Dichlorophenol	ND	0.20		mg/Kg-dry	1	2/21/2020
Diethyl phthalate	ND	0.20		mg/Kg-dry	1	2/21/2020
2,4-Dimethylphenol	ND	0.20		mg/Kg-dry	1	2/21/2020
Dimethyl phthalate	ND	0.20		mg/Kg-dry	1	2/21/2020
4,6-Dinitro-2-methylphenol	ND	0.40		mg/Kg-dry	1	2/21/2020
2,4-Dinitrophenol	ND	1.0		mg/Kg-dry	1	2/21/2020
2,4-Dinitrotoluene	ND	0.040		mg/Kg-dry	1	2/21/2020
2,6-Dinitrotoluene	ND	0.040		mg/Kg-dry	1	2/21/2020
Di-n-butyl phthalate	ND	0.20		mg/Kg-dry	1	2/21/2020
Di-n-octyl phthalate	ND	0.20		mg/Kg-dry	1	2/21/2020

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

**Qualifiers:**

J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded

**STAT Analysis Corporation**

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

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

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

Date Reported: March 12, 2020

Date Printed: March 12, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-9-01 (5-11)

Work Order: 20020495 Revision 0

Collection Date: 2/17/2020 9:40:00 AM

Project: 81.0220509.75, WO #37, Elk Grove

Matrix: Soil

Lab ID: 20020495-022

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Semivolatile Organic Compounds by GC/MS</b>		<b>SW8270D (SW3550B)</b>		Prep Date: <b>2/20/2020</b>		Analyst: <b>TEM</b>
Fluoranthene	ND	0.040		mg/Kg-dry	1	2/21/2020
Fluorene	ND	0.040		mg/Kg-dry	1	2/21/2020
Hexachlorobenzene	ND	0.20		mg/Kg-dry	1	2/21/2020
Hexachlorobutadiene	ND	0.20		mg/Kg-dry	1	2/21/2020
Hexachlorocyclopentadiene	ND	0.20		mg/Kg-dry	1	2/21/2020
Hexachloroethane	ND	0.20		mg/Kg-dry	1	2/21/2020
Indeno(1,2,3-cd)pyrene	ND	0.040		mg/Kg-dry	1	2/21/2020
Isophorone	ND	0.20		mg/Kg-dry	1	2/21/2020
2-Methylnaphthalene	ND	0.20		mg/Kg-dry	1	2/21/2020
2-Methylphenol	ND	0.20		mg/Kg-dry	1	2/21/2020
4-Methylphenol	ND	0.20		mg/Kg-dry	1	2/21/2020
Naphthalene	ND	0.040		mg/Kg-dry	1	2/21/2020
2-Nitroaniline	ND	0.20		mg/Kg-dry	1	2/21/2020
3-Nitroaniline	ND	0.20		mg/Kg-dry	1	2/21/2020
4-Nitroaniline	ND	0.20		mg/Kg-dry	1	2/21/2020
2-Nitrophenol	ND	0.20		mg/Kg-dry	1	2/21/2020
4-Nitrophenol	ND	0.40		mg/Kg-dry	1	2/21/2020
Nitrobenzene	ND	0.040		mg/Kg-dry	1	2/21/2020
N-Nitrosodi-n-propylamine	ND	0.040		mg/Kg-dry	1	2/21/2020
N-Nitrosodimethylamine	ND	0.20		mg/Kg-dry	1	2/21/2020
N-Nitrosodiphenylamine	ND	0.040		mg/Kg-dry	1	2/21/2020
2, 2'-oxybis(1-Chloropropane)	ND	0.20		mg/Kg-dry	1	2/21/2020
Pentachlorophenol	ND	0.040		mg/Kg-dry	1	2/21/2020
Phenanthrene	ND	0.040		mg/Kg-dry	1	2/21/2020
Phenol	ND	0.20		mg/Kg-dry	1	2/21/2020
Pyrene	ND	0.040		mg/Kg-dry	1	2/21/2020
Pyridine	ND	0.80		mg/Kg-dry	1	2/21/2020
1,2,4-Trichlorobenzene	ND	0.20		mg/Kg-dry	1	2/21/2020
2,4,5-Trichlorophenol	ND	0.20		mg/Kg-dry	1	2/21/2020
2,4,6-Trichlorophenol	ND	0.20		mg/Kg-dry	1	2/21/2020
<b>Metals by ICP/MS</b>		<b>SW6020A (SW3050B)</b>		Prep Date: <b>2/24/2020</b>		Analyst: <b>JG</b>
Antimony	ND	2.0		mg/Kg-dry	10	2/24/2020
Arsenic	10	1.0		mg/Kg-dry	10	2/24/2020
Barium	59	1.0		mg/Kg-dry	10	2/24/2020
Beryllium	0.69	0.50		mg/Kg-dry	10	2/24/2020
Cadmium	ND	0.50		mg/Kg-dry	10	2/24/2020
Calcium	68000	60		mg/Kg-dry	10	2/24/2020
Chromium	19	1.0		mg/Kg-dry	10	2/24/2020

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

**Qualifiers:** J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded

**STAT Analysis Corporation**

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

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

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

Date Reported: March 12, 2020

Date Printed: March 12, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-9-01 (5-11)

Work Order: 20020495 Revision 0

Collection Date: 2/17/2020 9:40:00 AM

Project: 81.0220509.75, WO #37, Elk Grove

Matrix: Soil

Lab ID: 20020495-022

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Metals by ICP/MS</b>		<b>SW6020A (SW3050B)</b>		Prep Date: <b>2/24/2020</b>		Analyst: <b>JG</b>
Cobalt	14	1.0		mg/Kg-dry	10	2/24/2020
Copper	24	2.5		mg/Kg-dry	10	2/24/2020
Iron	23000	30		mg/Kg-dry	10	2/24/2020
Lead	16	0.50		mg/Kg-dry	10	2/24/2020
Magnesium	35000	30		mg/Kg-dry	10	2/24/2020
Manganese	540	1.0		mg/Kg-dry	10	2/24/2020
Nickel	31	1.0		mg/Kg-dry	10	2/24/2020
Potassium	2200	30		mg/Kg-dry	10	2/24/2020
Selenium	ND	1.0		mg/Kg-dry	10	2/24/2020
Silver	ND	1.0		mg/Kg-dry	10	2/24/2020
Sodium	570	60		mg/Kg-dry	10	2/24/2020
Thallium	ND	1.0		mg/Kg-dry	10	2/24/2020
Vanadium	26	1.0		mg/Kg-dry	10	2/24/2020
Zinc	46	5.0		mg/Kg-dry	10	2/24/2020
<b>SPLP Metals by ICP/MS</b>		<b>SW1312/6020A (SW3005A)</b>		Prep Date: <b>2/21/2020</b>		Analyst: <b>MDT</b>
Arsenic	ND	0.0040		mg/L	2	2/22/2020
Barium	ND	0.020		mg/L	2	2/22/2020
Beryllium	ND	0.0020		mg/L	2	2/24/2020
Cadmium	ND	0.0020		mg/L	2	2/22/2020
Chromium	ND	0.0040		mg/L	2	2/22/2020
Cobalt	ND	0.0040		mg/L	2	2/22/2020
Copper	ND	0.040		mg/L	2	2/22/2020
Iron	0.63	0.10		mg/L	2	2/22/2020
Lead	ND	0.0020		mg/L	2	2/22/2020
Manganese	ND	0.0040		mg/L	2	2/22/2020
Nickel	ND	0.0040		mg/L	2	2/22/2020
Selenium	ND	0.0040		mg/L	2	2/22/2020
Silver	ND	0.0040		mg/L	2	2/22/2020
Zinc	ND	0.020		mg/L	2	2/22/2020
<b>TCLP Metals by ICP/MS</b>		<b>SW1311/6020A (SW3005A)</b>		Prep Date: <b>2/24/2020</b>		Analyst: <b>MDT</b>
Arsenic	ND	0.010		mg/L	5	2/24/2020
Barium	0.70	0.050		mg/L	5	2/24/2020
Beryllium	ND	0.0050		mg/L	5	2/24/2020
Cadmium	ND	0.0050		mg/L	5	2/24/2020
Chromium	ND	0.010		mg/L	5	2/24/2020
Cobalt	0.013	0.010		mg/L	5	2/24/2020
Copper	ND	0.10		mg/L	5	2/24/2020

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers: J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded



**STAT Analysis Corporation**

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

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

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

Date Reported: March 12, 2020

Date Printed: March 12, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Work Order: 20020495 Revision 0

Project: 81.0220509.75, WO #37, Elk Grove

Lab ID: 20020495-022

Client Sample ID: 2360V2-9-01 (5-11)

Collection Date: 2/17/2020 9:40:00 AM

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>TCLP Metals by ICP/MS</b>	<b>SW1311/6020A (SW3005A)</b>		Prep Date: <b>2/24/2020</b>		Analyst: <b>MDT</b>	
Iron	ND	0.25		mg/L	5	2/24/2020
Lead	ND	0.0050		mg/L	5	2/24/2020
Manganese	3.2	0.010		mg/L	5	2/24/2020
Nickel	0.028	0.010		mg/L	5	2/24/2020
Selenium	ND	0.010		mg/L	5	2/24/2020
Silver	ND	0.010		mg/L	5	2/24/2020
Zinc	ND	0.050		mg/L	5	2/24/2020
<b>TCLP Mercury</b>	<b>SW1311/7470A</b>		Prep Date: <b>2/28/2020</b>		Analyst: <b>LB</b>	
Mercury	ND	0.00020		mg/L	1	3/2/2020
<b>SPLP Mercury</b>	<b>SW1312/7470A</b>		Prep Date: <b>2/28/2020</b>		Analyst: <b>LB</b>	
Mercury	ND	0.00020		mg/L	1	3/2/2020
<b>Mercury</b>	<b>SW7471B</b>		Prep Date: <b>3/10/2020</b>		Analyst: <b>LB</b>	
Mercury	0.038	0.019		mg/Kg-dry	1	3/11/2020
<b>pH (25 °C)</b>	<b>SW9045C</b>		Prep Date: <b>2/25/2020</b>		Analyst: <b>FN</b>	
pH	8.44			pH Units	1	2/25/2020
<b>Percent Moisture</b>	<b>D2974</b>		Prep Date: <b>2/19/2020</b>		Analyst: <b>FN</b>	
Percent Moisture	16.7	0.2	*	wt%	1	2/20/2020

**Qualifiers:**

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

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

**STAT Analysis Corporation**

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

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

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

Date Reported: March 12, 2020

Date Printed: March 12, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-12-01 (0-2)

Work Order: 20020495 Revision 0

Collection Date: 2/17/2020 1:20:00 PM

Project: 81.0220509.75, WO #37, Elk Grove

Matrix: Soil

Lab ID: 20020495-025

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Volatile Organic Compounds by GC/MS</b>		<b>SW5035/8260B</b>		Prep Date: <b>2/19/2020</b>		Analyst: <b>JDT</b>
Acetone	ND	0.065		mg/Kg-dry	1	2/25/2020
Benzene	ND	0.0043		mg/Kg-dry	1	2/25/2020
Bromodichloromethane	ND	0.0043		mg/Kg-dry	1	2/25/2020
Bromoform	ND	0.0043		mg/Kg-dry	1	2/25/2020
Bromomethane	ND	0.0087		mg/Kg-dry	1	2/25/2020
2-Butanone	ND	0.065		mg/Kg-dry	1	2/25/2020
Carbon disulfide	ND	0.043		mg/Kg-dry	1	2/25/2020
Carbon tetrachloride	ND	0.0043		mg/Kg-dry	1	2/25/2020
Chlorobenzene	ND	0.0043		mg/Kg-dry	1	2/25/2020
Chloroethane	ND	0.0087		mg/Kg-dry	1	2/25/2020
Chloroform	ND	0.0043		mg/Kg-dry	1	2/25/2020
Chloromethane	ND	0.0087		mg/Kg-dry	1	2/25/2020
Dibromochloromethane	ND	0.0043		mg/Kg-dry	1	2/25/2020
1,1-Dichloroethane	ND	0.0043		mg/Kg-dry	1	2/25/2020
1,2-Dichloroethane	ND	0.0043		mg/Kg-dry	1	2/25/2020
1,1-Dichloroethene	ND	0.0043		mg/Kg-dry	1	2/25/2020
cis-1,2-Dichloroethene	ND	0.0043		mg/Kg-dry	1	2/25/2020
trans-1,2-Dichloroethene	ND	0.0043		mg/Kg-dry	1	2/25/2020
1,2-Dichloropropane	ND	0.0043		mg/Kg-dry	1	2/25/2020
cis-1,3-Dichloropropene	ND	0.0017		mg/Kg-dry	1	2/25/2020
trans-1,3-Dichloropropene	ND	0.0017		mg/Kg-dry	1	2/25/2020
Ethylbenzene	ND	0.0043		mg/Kg-dry	1	2/25/2020
2-Hexanone	ND	0.017		mg/Kg-dry	1	2/25/2020
4-Methyl-2-pentanone	ND	0.017		mg/Kg-dry	1	2/25/2020
Methylene chloride	ND	0.0087		mg/Kg-dry	1	2/25/2020
Methyl tert-butyl ether	ND	0.0043		mg/Kg-dry	1	2/25/2020
Styrene	ND	0.0043		mg/Kg-dry	1	2/25/2020
1,1,2,2-Tetrachloroethane	ND	0.0043		mg/Kg-dry	1	2/25/2020
Tetrachloroethene	ND	0.0043		mg/Kg-dry	1	2/25/2020
Toluene	ND	0.0043		mg/Kg-dry	1	2/25/2020
1,1,1-Trichloroethane	ND	0.0043		mg/Kg-dry	1	2/25/2020
1,1,2-Trichloroethane	ND	0.0043		mg/Kg-dry	1	2/25/2020
Trichloroethene	ND	0.0043		mg/Kg-dry	1	2/25/2020
Vinyl chloride	ND	0.0043		mg/Kg-dry	1	2/25/2020
Xylenes, Total	ND	0.013		mg/Kg-dry	1	2/25/2020
<b>Semivolatile Organic Compounds by GC/MS</b>		<b>SW8270D (SW3550B)</b>		Prep Date: <b>2/20/2020</b>		Analyst: <b>TEM</b>
Acenaphthene	ND	0.037		mg/Kg-dry	1	2/21/2020
Acenaphthylene	ND	0.037		mg/Kg-dry	1	2/21/2020

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

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

**STAT Analysis Corporation**

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

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

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

Date Reported: March 12, 2020

Date Printed: March 12, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-12-01 (0-2)

Work Order: 20020495 Revision 0

Collection Date: 2/17/2020 1:20:00 PM

Project: 81.0220509.75, WO #37, Elk Grove

Matrix: Soil

Lab ID: 20020495-025

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Semivolatile Organic Compounds by GC/MS</b>	<b>SW8270D (SW3550B)</b>				Prep Date: 2/20/2020	Analyst: TEM
Aniline	ND	0.38		mg/Kg-dry	1	2/21/2020
Anthracene	ND	0.037		mg/Kg-dry	1	2/21/2020
Benz(a)anthracene	ND	0.037		mg/Kg-dry	1	2/21/2020
Benzidine	ND	0.37		mg/Kg-dry	1	2/21/2020
Benzo(a)pyrene	ND	0.037		mg/Kg-dry	1	2/21/2020
Benzo(b)fluoranthene	ND	0.037		mg/Kg-dry	1	2/21/2020
Benzo(g,h,i)perylene	ND	0.037		mg/Kg-dry	1	2/21/2020
Benzo(k)fluoranthene	ND	0.037		mg/Kg-dry	1	2/21/2020
Benzoic acid	ND	0.94		mg/Kg-dry	1	2/21/2020
Benzyl alcohol	ND	0.19		mg/Kg-dry	1	2/21/2020
Bis(2-chloroethoxy)methane	ND	0.19		mg/Kg-dry	1	2/21/2020
Bis(2-chloroethyl)ether	ND	0.19		mg/Kg-dry	1	2/21/2020
Bis(2-ethylhexyl)phthalate	ND	0.94		mg/Kg-dry	1	2/21/2020
4-Bromophenyl phenyl ether	ND	0.19		mg/Kg-dry	1	2/21/2020
Butyl benzyl phthalate	ND	0.19		mg/Kg-dry	1	2/21/2020
Carbazole	ND	0.19		mg/Kg-dry	1	2/21/2020
4-Chloroaniline	ND	0.19		mg/Kg-dry	1	2/21/2020
4-Chloro-3-methylphenol	ND	0.37		mg/Kg-dry	1	2/21/2020
2-Chloronaphthalene	ND	0.19		mg/Kg-dry	1	2/21/2020
2-Chlorophenol	ND	0.19		mg/Kg-dry	1	2/21/2020
4-Chlorophenyl phenyl ether	ND	0.19		mg/Kg-dry	1	2/21/2020
Chrysene	ND	0.037		mg/Kg-dry	1	2/21/2020
Dibenz(a,h)anthracene	ND	0.037		mg/Kg-dry	1	2/21/2020
Dibenzofuran	ND	0.19		mg/Kg-dry	1	2/21/2020
1,2-Dichlorobenzene	ND	0.19		mg/Kg-dry	1	2/21/2020
1,3-Dichlorobenzene	ND	0.19		mg/Kg-dry	1	2/21/2020
1,4-Dichlorobenzene	ND	0.19		mg/Kg-dry	1	2/21/2020
3,3'-Dichlorobenzidine	ND	0.19		mg/Kg-dry	1	2/21/2020
2,4-Dichlorophenol	ND	0.19		mg/Kg-dry	1	2/21/2020
Diethyl phthalate	ND	0.19		mg/Kg-dry	1	2/21/2020
2,4-Dimethylphenol	ND	0.19		mg/Kg-dry	1	2/21/2020
Dimethyl phthalate	ND	0.19		mg/Kg-dry	1	2/21/2020
4,6-Dinitro-2-methylphenol	ND	0.37		mg/Kg-dry	1	2/21/2020
2,4-Dinitrophenol	ND	0.94		mg/Kg-dry	1	2/21/2020
2,4-Dinitrotoluene	ND	0.037		mg/Kg-dry	1	2/21/2020
2,6-Dinitrotoluene	ND	0.037		mg/Kg-dry	1	2/21/2020
Di-n-butyl phthalate	ND	0.19		mg/Kg-dry	1	2/21/2020
Di-n-octyl phthalate	ND	0.19		mg/Kg-dry	1	2/21/2020

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers: J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded

**STAT Analysis Corporation**

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

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

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

Date Reported: March 12, 2020

Date Printed: March 12, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-12-01 (0-2)

Work Order: 20020495 Revision 0

Collection Date: 2/17/2020 1:20:00 PM

Project: 81.0220509.75, WO #37, Elk Grove

Matrix: Soil

Lab ID: 20020495-025

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Semivolatile Organic Compounds by GC/MS</b>						
	<b>SW8270D (SW3550B)</b>		Prep Date: <b>2/20/2020</b>		Analyst: <b>TEM</b>	
Fluoranthene	ND	0.037		mg/Kg-dry	1	2/21/2020
Fluorene	ND	0.037		mg/Kg-dry	1	2/21/2020
Hexachlorobenzene	ND	0.19		mg/Kg-dry	1	2/21/2020
Hexachlorobutadiene	ND	0.19		mg/Kg-dry	1	2/21/2020
Hexachlorocyclopentadiene	ND	0.19		mg/Kg-dry	1	2/21/2020
Hexachloroethane	ND	0.19		mg/Kg-dry	1	2/21/2020
Indeno(1,2,3-cd)pyrene	ND	0.037		mg/Kg-dry	1	2/21/2020
Isophorone	ND	0.19		mg/Kg-dry	1	2/21/2020
2-Methylnaphthalene	ND	0.19		mg/Kg-dry	1	2/21/2020
2-Methylphenol	ND	0.19		mg/Kg-dry	1	2/21/2020
4-Methylphenol	ND	0.19		mg/Kg-dry	1	2/21/2020
Naphthalene	ND	0.037		mg/Kg-dry	1	2/21/2020
2-Nitroaniline	ND	0.19		mg/Kg-dry	1	2/21/2020
3-Nitroaniline	ND	0.19		mg/Kg-dry	1	2/21/2020
4-Nitroaniline	ND	0.19		mg/Kg-dry	1	2/21/2020
2-Nitrophenol	ND	0.19		mg/Kg-dry	1	2/21/2020
4-Nitrophenol	ND	0.37		mg/Kg-dry	1	2/21/2020
Nitrobenzene	ND	0.037		mg/Kg-dry	1	2/21/2020
N-Nitrosodi-n-propylamine	ND	0.037		mg/Kg-dry	1	2/21/2020
N-Nitrosodimethylamine	ND	0.19		mg/Kg-dry	1	2/21/2020
N-Nitrosodiphenylamine	ND	0.037		mg/Kg-dry	1	2/21/2020
2, 2'-oxybis(1-Chloropropane)	ND	0.19		mg/Kg-dry	1	2/21/2020
Pentachlorophenol	ND	0.037		mg/Kg-dry	1	2/21/2020
Phenanthrene	ND	0.037		mg/Kg-dry	1	2/21/2020
Phenol	ND	0.19		mg/Kg-dry	1	2/21/2020
Pyrene	ND	0.037		mg/Kg-dry	1	2/21/2020
Pyridine	ND	0.75		mg/Kg-dry	1	2/21/2020
1,2,4-Trichlorobenzene	ND	0.19		mg/Kg-dry	1	2/21/2020
2,4,5-Trichlorophenol	ND	0.19		mg/Kg-dry	1	2/21/2020
2,4,6-Trichlorophenol	ND	0.19		mg/Kg-dry	1	2/21/2020
<b>Metals by ICP/MS</b>						
	<b>SW6020A (SW3050B)</b>		Prep Date: <b>2/24/2020</b>		Analyst: <b>JG</b>	
Antimony	ND	1.9		mg/Kg-dry	10	2/24/2020
Arsenic	11	0.96		mg/Kg-dry	10	2/24/2020
Barium	31	0.96		mg/Kg-dry	10	2/24/2020
Beryllium	0.71	0.48		mg/Kg-dry	10	2/24/2020
Cadmium	ND	0.48		mg/Kg-dry	10	2/24/2020
Calcium	53000	58		mg/Kg-dry	10	2/24/2020
Chromium	19	0.96		mg/Kg-dry	10	2/24/2020

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers: J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded

**STAT Analysis Corporation**

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

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

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

Date Reported: March 12, 2020

Date Printed: March 12, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-12-01 (0-2)

Work Order: 20020495 Revision 0

Collection Date: 2/17/2020 1:20:00 PM

Project: 81.0220509.75, WO #37, Elk Grove

Matrix: Soil

Lab ID: 20020495-025

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Metals by ICP/MS</b>		<b>SW6020A (SW3050B)</b>		Prep Date: <b>2/24/2020</b>		Analyst: <b>JG</b>
Cobalt	15	0.96		mg/Kg-dry	10	2/24/2020
Copper	37	2.4		mg/Kg-dry	10	2/24/2020
Iron	25000	29		mg/Kg-dry	10	2/24/2020
Lead	21	0.48		mg/Kg-dry	10	2/24/2020
Magnesium	29000	29		mg/Kg-dry	10	2/24/2020
Manganese	420	0.96		mg/Kg-dry	10	2/24/2020
Nickel	38	0.96		mg/Kg-dry	10	2/24/2020
Potassium	2600	29		mg/Kg-dry	10	2/24/2020
Selenium	ND	0.96		mg/Kg-dry	10	2/24/2020
Silver	ND	0.96		mg/Kg-dry	10	2/24/2020
Sodium	1100	58		mg/Kg-dry	10	2/24/2020
Thallium	ND	0.96		mg/Kg-dry	10	2/24/2020
Vanadium	22	0.96		mg/Kg-dry	10	2/24/2020
Zinc	55	4.8		mg/Kg-dry	10	2/24/2020
<b>SPLP Metals by ICP/MS</b>		<b>SW1312/6020A (SW3005A)</b>		Prep Date: <b>2/21/2020</b>		Analyst: <b>MDT</b>
Arsenic	ND	0.0040		mg/L	2	2/22/2020
Barium	ND	0.020		mg/L	2	2/22/2020
Beryllium	ND	0.0020		mg/L	2	2/24/2020
Cadmium	ND	0.0020		mg/L	2	2/22/2020
Chromium	ND	0.0040		mg/L	2	2/22/2020
Cobalt	ND	0.0040		mg/L	2	2/22/2020
Copper	ND	0.040		mg/L	2	2/22/2020
Iron	0.69	0.10		mg/L	2	2/22/2020
Lead	ND	0.0020		mg/L	2	2/22/2020
Manganese	0.0091	0.0040		mg/L	2	2/22/2020
Nickel	ND	0.0040		mg/L	2	2/22/2020
Selenium	ND	0.0040		mg/L	2	2/22/2020
Silver	ND	0.0040		mg/L	2	2/22/2020
Zinc	0.022	0.020		mg/L	2	2/22/2020
<b>TCLP Metals by ICP/MS</b>		<b>SW1311/6020A (SW3005A)</b>		Prep Date: <b>2/24/2020</b>		Analyst: <b>MDT</b>
Arsenic	ND	0.010		mg/L	5	2/24/2020
Barium	0.12	0.050		mg/L	5	2/24/2020
Beryllium	ND	0.0050		mg/L	5	2/24/2020
Cadmium	ND	0.0050		mg/L	5	2/24/2020
Chromium	ND	0.010		mg/L	5	2/24/2020
Cobalt	0.037	0.010		mg/L	5	2/24/2020
Copper	ND	0.10		mg/L	5	2/24/2020

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers: J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded

**STAT Analysis Corporation**

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

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

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

Date Reported: March 12, 2020

Date Printed: March 12, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Work Order: 20020495 Revision 0

Project: 81.0220509.75, WO #37, Elk Grove

Lab ID: 20020495-025

Client Sample ID: 2360V2-12-01 (0-2)

Collection Date: 2/17/2020 1:20:00 PM

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>TCLP Metals by ICP/MS</b>	<b>SW1311/6020A (SW3005A)</b>		Prep Date: <b>2/24/2020</b>		Analyst: <b>MDT</b>	
Iron	0.52	0.25		mg/L	5	2/24/2020
Lead	ND	0.0050		mg/L	5	2/24/2020
Manganese	4.6	0.010		mg/L	5	2/24/2020
Nickel	0.022	0.010		mg/L	5	2/24/2020
Selenium	ND	0.010		mg/L	5	2/24/2020
Silver	ND	0.010		mg/L	5	2/24/2020
Zinc	ND	0.050		mg/L	5	2/24/2020
<b>TCLP Mercury</b>	<b>SW1311/7470A</b>		Prep Date: <b>2/28/2020</b>		Analyst: <b>LB</b>	
Mercury	ND	0.00020		mg/L	1	3/2/2020
<b>SPLP Mercury</b>	<b>SW1312/7470A</b>		Prep Date: <b>2/28/2020</b>		Analyst: <b>LB</b>	
Mercury	ND	0.00020		mg/L	1	3/2/2020
<b>Mercury</b>	<b>SW7471B</b>		Prep Date: <b>3/10/2020</b>		Analyst: <b>LB</b>	
Mercury	0.034	0.021		mg/Kg-dry	1	3/11/2020
<b>pH (25 °C)</b>	<b>SW9045C</b>		Prep Date: <b>2/25/2020</b>		Analyst: <b>FN</b>	
pH	7.77			pH Units	1	2/25/2020
<b>Percent Moisture</b>	<b>D2974</b>		Prep Date: <b>2/19/2020</b>		Analyst: <b>FN</b>	
Percent Moisture	13.4	0.2	*	wt%	1	2/20/2020

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

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

**STAT Analysis Corporation**

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

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

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

Date Reported: March 12, 2020

Date Printed: March 12, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Work Order: 20020495 Revision 0

Project: 81.0220509.75, WO #37, Elk Grove

Lab ID: 20020495-004

Client Sample ID: 2360V2-1-04 (0-2)

Collection Date: 2/17/2020 10:05:00 AM

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Volatile Organic Compounds by GC/MS</b>		<b>SW5035/8260B</b>		Prep Date: <b>2/19/2020</b>		Analyst: <b>JDT</b>
Acetone	ND	0.082		mg/Kg-dry	1	2/25/2020
Benzene	ND	0.0055		mg/Kg-dry	1	2/25/2020
Bromodichloromethane	ND	0.0055		mg/Kg-dry	1	2/25/2020
Bromoform	ND	0.0055		mg/Kg-dry	1	2/25/2020
Bromomethane	ND	0.011		mg/Kg-dry	1	2/25/2020
2-Butanone	ND	0.082		mg/Kg-dry	1	2/25/2020
Carbon disulfide	ND	0.055		mg/Kg-dry	1	2/25/2020
Carbon tetrachloride	ND	0.0055		mg/Kg-dry	1	2/25/2020
Chlorobenzene	ND	0.0055		mg/Kg-dry	1	2/25/2020
Chloroethane	ND	0.011		mg/Kg-dry	1	2/25/2020
Chloroform	ND	0.0055		mg/Kg-dry	1	2/25/2020
Chloromethane	ND	0.011		mg/Kg-dry	1	2/25/2020
Dibromochloromethane	ND	0.0055		mg/Kg-dry	1	2/25/2020
1,1-Dichloroethane	ND	0.0055		mg/Kg-dry	1	2/25/2020
1,2-Dichloroethane	ND	0.0055		mg/Kg-dry	1	2/25/2020
1,1-Dichloroethene	ND	0.0055		mg/Kg-dry	1	2/25/2020
cis-1,2-Dichloroethene	ND	0.0055		mg/Kg-dry	1	2/25/2020
trans-1,2-Dichloroethene	ND	0.0055		mg/Kg-dry	1	2/25/2020
1,2-Dichloropropane	ND	0.0055		mg/Kg-dry	1	2/25/2020
cis-1,3-Dichloropropene	ND	0.0022		mg/Kg-dry	1	2/25/2020
trans-1,3-Dichloropropene	ND	0.0022		mg/Kg-dry	1	2/25/2020
Ethylbenzene	ND	0.0055		mg/Kg-dry	1	2/25/2020
2-Hexanone	ND	0.022		mg/Kg-dry	1	2/25/2020
4-Methyl-2-pentanone	ND	0.022		mg/Kg-dry	1	2/25/2020
Methylene chloride	ND	0.011		mg/Kg-dry	1	2/25/2020
Methyl tert-butyl ether	ND	0.0055		mg/Kg-dry	1	2/25/2020
Styrene	ND	0.0055		mg/Kg-dry	1	2/25/2020
1,1,2,2-Tetrachloroethane	ND	0.0055		mg/Kg-dry	1	2/25/2020
Tetrachloroethene	ND	0.0055		mg/Kg-dry	1	2/25/2020
Toluene	ND	0.0055		mg/Kg-dry	1	2/25/2020
1,1,1-Trichloroethane	ND	0.0055		mg/Kg-dry	1	2/25/2020
1,1,2-Trichloroethane	ND	0.0055		mg/Kg-dry	1	2/25/2020
Trichloroethene	ND	0.0055		mg/Kg-dry	1	2/25/2020
Vinyl chloride	ND	0.0055		mg/Kg-dry	1	2/25/2020
Xylenes, Total	ND	0.016		mg/Kg-dry	1	2/25/2020
<b>Semivolatile Organic Compounds by GC/MS</b>		<b>SW8270D (SW3550B)</b>		Prep Date: <b>2/20/2020</b>		Analyst: <b>DM</b>
Acenaphthene	ND	0.039		mg/Kg-dry	1	2/21/2020
Acenaphthylene	ND	0.039		mg/Kg-dry	1	2/21/2020

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

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

**STAT Analysis Corporation**

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

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

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

Date Reported: March 12, 2020

Date Printed: March 12, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-1-04 (0-2)

Work Order: 20020495 Revision 0

Collection Date: 2/17/2020 10:05:00 AM

Project: 81.0220509.75, WO #37, Elk Grove

Matrix: Soil

Lab ID: 20020495-004

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Semivolatile Organic Compounds by GC/MS</b>	<b>SW8270D (SW3550B)</b>				Prep Date: 2/20/2020	Analyst: DM
Aniline	ND	0.40		mg/Kg-dry	1	2/21/2020
Anthracene	ND	0.039		mg/Kg-dry	1	2/21/2020
Benz(a)anthracene	0.093	0.039		mg/Kg-dry	1	2/21/2020
Benzidine	ND	0.39		mg/Kg-dry	1	2/21/2020
Benzo(a)pyrene	0.091	0.039		mg/Kg-dry	1	2/21/2020
Benzo(b)fluoranthene	0.097	0.039		mg/Kg-dry	1	2/21/2020
Benzo(g,h,i)perylene	0.082	0.039		mg/Kg-dry	1	2/21/2020
Benzo(k)fluoranthene	0.080	0.039		mg/Kg-dry	1	2/21/2020
Benzoic acid	ND	0.99		mg/Kg-dry	1	2/21/2020
Benzyl alcohol	ND	0.20		mg/Kg-dry	1	2/21/2020
Bis(2-chloroethoxy)methane	ND	0.20		mg/Kg-dry	1	2/21/2020
Bis(2-chloroethyl)ether	ND	0.20		mg/Kg-dry	1	2/21/2020
Bis(2-ethylhexyl)phthalate	ND	0.99		mg/Kg-dry	1	2/21/2020
4-Bromophenyl phenyl ether	ND	0.20		mg/Kg-dry	1	2/21/2020
Butyl benzyl phthalate	ND	0.20		mg/Kg-dry	1	2/21/2020
Carbazole	ND	0.20		mg/Kg-dry	1	2/21/2020
4-Chloroaniline	ND	0.20		mg/Kg-dry	1	2/21/2020
4-Chloro-3-methylphenol	ND	0.39		mg/Kg-dry	1	2/21/2020
2-Chloronaphthalene	ND	0.20		mg/Kg-dry	1	2/21/2020
2-Chlorophenol	ND	0.20		mg/Kg-dry	1	2/21/2020
4-Chlorophenyl phenyl ether	ND	0.20		mg/Kg-dry	1	2/21/2020
Chrysene	0.093	0.039		mg/Kg-dry	1	2/21/2020
Dibenz(a,h)anthracene	ND	0.039		mg/Kg-dry	1	2/21/2020
Dibenzofuran	ND	0.20		mg/Kg-dry	1	2/21/2020
1,2-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	2/21/2020
1,3-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	2/21/2020
1,4-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	2/21/2020
3,3'-Dichlorobenzidine	ND	0.20		mg/Kg-dry	1	2/21/2020
2,4-Dichlorophenol	ND	0.20		mg/Kg-dry	1	2/21/2020
Diethyl phthalate	ND	0.20		mg/Kg-dry	1	2/21/2020
2,4-Dimethylphenol	ND	0.20		mg/Kg-dry	1	2/21/2020
Dimethyl phthalate	ND	0.20		mg/Kg-dry	1	2/21/2020
4,6-Dinitro-2-methylphenol	ND	0.39		mg/Kg-dry	1	2/21/2020
2,4-Dinitrophenol	ND	0.99		mg/Kg-dry	1	2/21/2020
2,4-Dinitrotoluene	ND	0.039		mg/Kg-dry	1	2/21/2020
2,6-Dinitrotoluene	ND	0.039		mg/Kg-dry	1	2/21/2020
Di-n-butyl phthalate	ND	0.20		mg/Kg-dry	1	2/21/2020
Di-n-octyl phthalate	ND	0.20		mg/Kg-dry	1	2/21/2020

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

**Qualifiers:**

J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded



**STAT Analysis Corporation**

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

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

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

Date Reported: March 12, 2020

Date Printed: March 12, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-1-04 (0-2)

Work Order: 20020495 Revision 0

Collection Date: 2/17/2020 10:05:00 AM

Project: 81.0220509.75, WO #37, Elk Grove

Matrix: Soil

Lab ID: 20020495-004

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
----------	--------	----	-----------	-------	----	---------------

Semivolatile Organic Compounds by GC/MS	SW8270D (SW3550B)	Prep Date: 2/20/2020			Analyst: DM
---	-------------------	----------------------	--	--	-------------

Fluoranthene	0.18	0.039		mg/Kg-dry	1	2/21/2020
Fluorene	ND	0.039		mg/Kg-dry	1	2/21/2020
Hexachlorobenzene	ND	0.20		mg/Kg-dry	1	2/21/2020
Hexachlorobutadiene	ND	0.20		mg/Kg-dry	1	2/21/2020
Hexachlorocyclopentadiene	ND	0.20		mg/Kg-dry	1	2/21/2020
Hexachloroethane	ND	0.20		mg/Kg-dry	1	2/21/2020
Indeno(1,2,3-cd)pyrene	0.070	0.039		mg/Kg-dry	1	2/21/2020
Isophorone	ND	0.20		mg/Kg-dry	1	2/21/2020
2-Methylnaphthalene	ND	0.20		mg/Kg-dry	1	2/21/2020
2-Methylphenol	ND	0.20		mg/Kg-dry	1	2/21/2020
4-Methylphenol	ND	0.20		mg/Kg-dry	1	2/21/2020
Naphthalene	ND	0.039		mg/Kg-dry	1	2/21/2020
2-Nitroaniline	ND	0.20		mg/Kg-dry	1	2/21/2020
3-Nitroaniline	ND	0.20		mg/Kg-dry	1	2/21/2020
4-Nitroaniline	ND	0.20		mg/Kg-dry	1	2/21/2020
2-Nitrophenol	ND	0.20		mg/Kg-dry	1	2/21/2020
4-Nitrophenol	ND	0.39		mg/Kg-dry	1	2/21/2020
Nitrobenzene	ND	0.039		mg/Kg-dry	1	2/21/2020
N-Nitrosodi-n-propylamine	ND	0.039		mg/Kg-dry	1	2/21/2020
N-Nitrosodimethylamine	ND	0.20		mg/Kg-dry	1	2/21/2020
N-Nitrosodiphenylamine	ND	0.039		mg/Kg-dry	1	2/21/2020
2, 2'-oxybis(1-Chloropropane)	ND	0.20		mg/Kg-dry	1	2/21/2020
Pentachlorophenol	ND	0.039		mg/Kg-dry	1	2/21/2020
Phenanthrene	0.075	0.039		mg/Kg-dry	1	2/21/2020
Phenol	ND	0.20		mg/Kg-dry	1	2/21/2020
Pyrene	0.14	0.039		mg/Kg-dry	1	2/21/2020
Pyridine	ND	0.80		mg/Kg-dry	1	2/21/2020
1,2,4-Trichlorobenzene	ND	0.20		mg/Kg-dry	1	2/21/2020
2,4,5-Trichlorophenol	ND	0.20		mg/Kg-dry	1	2/21/2020
2,4,6-Trichlorophenol	ND	0.20		mg/Kg-dry	1	2/21/2020

Metals by ICP/MS	SW6020A (SW3050B)	Prep Date: 2/24/2020			Analyst: JG
------------------	-------------------	----------------------	--	--	-------------

Antimony	ND	2.1		mg/Kg-dry	10	2/24/2020
Arsenic	7.2	1.1		mg/Kg-dry	10	2/24/2020
Barium	71	1.1		mg/Kg-dry	10	2/24/2020
Beryllium	0.60	0.53		mg/Kg-dry	10	2/24/2020
Cadmium	ND	0.53		mg/Kg-dry	10	2/24/2020
Calcium	46000	64		mg/Kg-dry	10	2/24/2020
Chromium	17	1.1		mg/Kg-dry	10	2/24/2020

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

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

**STAT Analysis Corporation**

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

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

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

Date Reported: March 12, 2020

Date Printed: March 12, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-1-04 (0-2)

Work Order: 20020495 Revision 0

Collection Date: 2/17/2020 10:05:00 AM

Project: 81.0220509.75, WO #37, Elk Grove

Matrix: Soil

Lab ID: 20020495-004

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Metals by ICP/MS</b>		<b>SW6020A (SW3050B)</b>		Prep Date: 2/24/2020		Analyst: JG
Cobalt	8.1	1.1		mg/Kg-dry	10	2/24/2020
Copper	24	2.7		mg/Kg-dry	10	2/24/2020
Iron	19000	32		mg/Kg-dry	10	2/24/2020
Lead	55	0.53		mg/Kg-dry	10	2/24/2020
Magnesium	26000	32		mg/Kg-dry	10	2/24/2020
Manganese	500	1.1		mg/Kg-dry	10	2/24/2020
Nickel	20	1.1		mg/Kg-dry	10	2/24/2020
Potassium	1400	32		mg/Kg-dry	10	2/24/2020
Selenium	ND	1.1		mg/Kg-dry	10	2/24/2020
Silver	ND	1.1		mg/Kg-dry	10	2/24/2020
Sodium	770	64		mg/Kg-dry	10	2/24/2020
Thallium	ND	1.1		mg/Kg-dry	10	2/24/2020
Vanadium	23	1.1		mg/Kg-dry	10	2/24/2020
Zinc	86	5.3		mg/Kg-dry	10	2/24/2020
<b>SPLP Metals by ICP/MS</b>		<b>SW1312/6020A (SW3005A)</b>		Prep Date: 2/20/2020		Analyst: MDT
Arsenic	ND	0.0040		mg/L	2	2/21/2020
Barium	0.023	0.020		mg/L	2	2/21/2020
Beryllium	ND	0.0020		mg/L	2	2/21/2020
Cadmium	ND	0.0020		mg/L	2	2/21/2020
Chromium	0.0072	0.0040		mg/L	2	2/21/2020
Cobalt	ND	0.0040		mg/L	2	2/21/2020
Copper	ND	0.040		mg/L	2	2/21/2020
Iron	4.1	0.10		mg/L	2	2/21/2020
Lead	0.0033	0.0020		mg/L	2	2/21/2020
Manganese	0.029	0.0040		mg/L	2	2/21/2020
Nickel	0.0042	0.0040		mg/L	2	2/21/2020
Selenium	ND	0.0040		mg/L	2	2/21/2020
Silver	ND	0.0040		mg/L	2	2/21/2020
Zinc	ND	0.020		mg/L	2	2/21/2020
<b>TCLP Metals by ICP/MS</b>		<b>SW1311/6020A (SW3005A)</b>		Prep Date: 2/21/2020		Analyst: JG
Arsenic	ND	0.010		mg/L	5	2/24/2020
Barium	0.47	0.050		mg/L	5	2/24/2020
Beryllium	ND	0.0050		mg/L	5	2/24/2020
Cadmium	ND	0.0050		mg/L	5	2/24/2020
Chromium	ND	0.010		mg/L	5	2/24/2020
Cobalt	ND	0.010		mg/L	5	2/24/2020
Copper	ND	0.10		mg/L	5	2/24/2020

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

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

**STAT Analysis Corporation**

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

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

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

Date Reported: March 12, 2020

Date Printed: March 12, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Work Order: 20020495 Revision 0

Project: 81.0220509.75, WO #37, Elk Grove

Lab ID: 20020495-004

Client Sample ID: 2360V2-1-04 (0-2)

Collection Date: 2/17/2020 10:05:00 AM

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>TCLP Metals by ICP/MS</b>	<b>SW1311/6020A (SW3005A)</b>			Prep Date: <b>2/21/2020</b>		Analyst: <b>JG</b>
Iron	ND	0.25		mg/L	5	2/24/2020
Lead	ND	0.0050		mg/L	5	2/24/2020
Manganese	0.67	0.010		mg/L	5	2/24/2020
Nickel	ND	0.010		mg/L	5	2/24/2020
Selenium	ND	0.010		mg/L	5	2/24/2020
Silver	ND	0.010		mg/L	5	2/24/2020
Zinc	0.060	0.050		mg/L	5	2/24/2020
<b>TCLP Mercury</b>	<b>SW1311/7470A</b>			Prep Date: <b>3/6/2020</b>		Analyst: <b>JG</b>
Mercury	ND	0.00020		mg/L	1	3/7/2020
<b>SPLP Mercury</b>	<b>SW1312/7470A</b>			Prep Date: <b>2/24/2020</b>		Analyst: <b>LB</b>
Mercury	ND	0.00020		mg/L	1	2/27/2020
<b>Mercury</b>	<b>SW7471B</b>			Prep Date: <b>3/10/2020</b>		Analyst: <b>LB</b>
Mercury	0.057	0.024		mg/Kg-dry	1	3/11/2020
<b>pH (25 °C)</b>	<b>SW9045C</b>			Prep Date: <b>2/25/2020</b>		Analyst: <b>FN</b>
pH	8.70			pH Units	1	2/25/2020
<b>Percent Moisture</b>	<b>D2974</b>			Prep Date: <b>2/19/2020</b>		Analyst: <b>FN</b>
Percent Moisture	16.7	0.2	*	wt%	1	2/20/2020

**Qualifiers:**

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

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

**STAT Analysis Corporation**

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

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

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

Date Reported: March 12, 2020

Date Printed: March 12, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-5-01 (0-1.5)

Work Order: 20020495 Revision 0

Collection Date: 2/17/2020 1:05:00 PM

Project: 81.0220509.75, WO #37, Elk Grove

Matrix: Soil

Lab ID: 20020495-007

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Volatile Organic Compounds by GC/MS</b>		<b>SW5035/8260B</b>		Prep Date: <b>2/19/2020</b>		Analyst: <b>JDT</b>
Acetone	ND	0.11		mg/Kg-dry	1	2/25/2020
Benzene	ND	0.0074		mg/Kg-dry	1	2/25/2020
Bromodichloromethane	ND	0.0074		mg/Kg-dry	1	2/25/2020
Bromoform	ND	0.0074		mg/Kg-dry	1	2/25/2020
Bromomethane	ND	0.015		mg/Kg-dry	1	2/25/2020
2-Butanone	ND	0.11		mg/Kg-dry	1	2/25/2020
Carbon disulfide	ND	0.074		mg/Kg-dry	1	2/25/2020
Carbon tetrachloride	ND	0.0074		mg/Kg-dry	1	2/25/2020
Chlorobenzene	ND	0.0074		mg/Kg-dry	1	2/25/2020
Chloroethane	ND	0.015		mg/Kg-dry	1	2/25/2020
Chloroform	ND	0.0074		mg/Kg-dry	1	2/25/2020
Chloromethane	ND	0.015		mg/Kg-dry	1	2/25/2020
Dibromochloromethane	ND	0.0074		mg/Kg-dry	1	2/25/2020
1,1-Dichloroethane	ND	0.0074		mg/Kg-dry	1	2/25/2020
1,2-Dichloroethane	ND	0.0074		mg/Kg-dry	1	2/25/2020
1,1-Dichloroethene	ND	0.0074		mg/Kg-dry	1	2/25/2020
cis-1,2-Dichloroethene	ND	0.0074		mg/Kg-dry	1	2/25/2020
trans-1,2-Dichloroethene	ND	0.0074		mg/Kg-dry	1	2/25/2020
1,2-Dichloropropane	ND	0.0074		mg/Kg-dry	1	2/25/2020
cis-1,3-Dichloropropene	ND	0.0029		mg/Kg-dry	1	2/25/2020
trans-1,3-Dichloropropene	ND	0.0029		mg/Kg-dry	1	2/25/2020
Ethylbenzene	ND	0.0074		mg/Kg-dry	1	2/25/2020
2-Hexanone	ND	0.029		mg/Kg-dry	1	2/25/2020
4-Methyl-2-pentanone	ND	0.029		mg/Kg-dry	1	2/25/2020
Methylene chloride	ND	0.015		mg/Kg-dry	1	2/25/2020
Methyl tert-butyl ether	ND	0.0074		mg/Kg-dry	1	2/25/2020
Styrene	ND	0.0074		mg/Kg-dry	1	2/25/2020
1,1,2,2-Tetrachloroethane	ND	0.0074		mg/Kg-dry	1	2/25/2020
Tetrachloroethene	ND	0.0074		mg/Kg-dry	1	2/25/2020
Toluene	ND	0.0074		mg/Kg-dry	1	2/25/2020
1,1,1-Trichloroethane	ND	0.0074		mg/Kg-dry	1	2/25/2020
1,1,2-Trichloroethane	ND	0.0074		mg/Kg-dry	1	2/25/2020
Trichloroethene	ND	0.0074		mg/Kg-dry	1	2/25/2020
Vinyl chloride	ND	0.0074		mg/Kg-dry	1	2/25/2020
Xylenes, Total	ND	0.022		mg/Kg-dry	1	2/25/2020
<b>Semivolatile Organic Compounds by GC/MS</b>		<b>SW8270D (SW3550B)</b>		Prep Date: <b>2/20/2020</b>		Analyst: <b>DM</b>
Acenaphthene	ND	0.043		mg/Kg-dry	1	2/21/2020
Acenaphthylene	ND	0.043		mg/Kg-dry	1	2/21/2020

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

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

**STAT Analysis Corporation**

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

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

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

Date Reported: March 12, 2020

Date Printed: March 12, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-5-01 (0-1.5)

Work Order: 20020495 Revision 0

Collection Date: 2/17/2020 1:05:00 PM

Project: 81.0220509.75, WO #37, Elk Grove

Matrix: Soil

Lab ID: 20020495-007

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Semivolatile Organic Compounds by GC/MS</b>		<b>SW8270D (SW3550B)</b>		Prep Date: <b>2/20/2020</b>		Analyst: <b>DM</b>
Aniline	ND	0.43		mg/Kg-dry	1	2/21/2020
Anthracene	0.050	0.043		mg/Kg-dry	1	2/21/2020
Benz(a)anthracene	0.36	0.043		mg/Kg-dry	1	2/21/2020
Benzidine	ND	0.43		mg/Kg-dry	1	2/21/2020
Benzo(a)pyrene	0.42	0.043		mg/Kg-dry	1	2/21/2020
Benzo(b)fluoranthene	0.54	0.043		mg/Kg-dry	1	2/21/2020
Benzo(g,h,i)perylene	0.35	0.043		mg/Kg-dry	1	2/21/2020
Benzo(k)fluoranthene	0.32	0.043		mg/Kg-dry	1	2/21/2020
Benzoic acid	ND	1.1		mg/Kg-dry	1	2/21/2020
Benzyl alcohol	ND	0.22		mg/Kg-dry	1	2/21/2020
Bis(2-chloroethoxy)methane	ND	0.22		mg/Kg-dry	1	2/21/2020
Bis(2-chloroethyl)ether	ND	0.22		mg/Kg-dry	1	2/21/2020
Bis(2-ethylhexyl)phthalate	ND	1.1		mg/Kg-dry	1	2/21/2020
4-Bromophenyl phenyl ether	ND	0.22		mg/Kg-dry	1	2/21/2020
Butyl benzyl phthalate	ND	0.22		mg/Kg-dry	1	2/21/2020
Carbazole	ND	0.22		mg/Kg-dry	1	2/21/2020
4-Chloroaniline	ND	0.22		mg/Kg-dry	1	2/21/2020
4-Chloro-3-methylphenol	ND	0.43		mg/Kg-dry	1	2/21/2020
2-Chloronaphthalene	ND	0.22		mg/Kg-dry	1	2/21/2020
2-Chlorophenol	ND	0.22		mg/Kg-dry	1	2/21/2020
4-Chlorophenyl phenyl ether	ND	0.22		mg/Kg-dry	1	2/21/2020
Chrysene	0.48	0.043		mg/Kg-dry	1	2/21/2020
Dibenz(a,h)anthracene	0.16	0.043		mg/Kg-dry	1	2/21/2020
Dibenzofuran	ND	0.22		mg/Kg-dry	1	2/21/2020
1,2-Dichlorobenzene	ND	0.22		mg/Kg-dry	1	2/21/2020
1,3-Dichlorobenzene	ND	0.22		mg/Kg-dry	1	2/21/2020
1,4-Dichlorobenzene	ND	0.22		mg/Kg-dry	1	2/21/2020
3,3'-Dichlorobenzidine	ND	0.22		mg/Kg-dry	1	2/21/2020
2,4-Dichlorophenol	ND	0.22		mg/Kg-dry	1	2/21/2020
Diethyl phthalate	ND	0.22		mg/Kg-dry	1	2/21/2020
2,4-Dimethylphenol	ND	0.22		mg/Kg-dry	1	2/21/2020
Dimethyl phthalate	ND	0.22		mg/Kg-dry	1	2/21/2020
4,6-Dinitro-2-methylphenol	ND	0.43		mg/Kg-dry	1	2/21/2020
2,4-Dinitrophenol	ND	1.1		mg/Kg-dry	1	2/21/2020
2,4-Dinitrotoluene	ND	0.043		mg/Kg-dry	1	2/21/2020
2,6-Dinitrotoluene	ND	0.043		mg/Kg-dry	1	2/21/2020
Di-n-butyl phthalate	ND	0.22		mg/Kg-dry	1	2/21/2020
Di-n-octyl phthalate	ND	0.22		mg/Kg-dry	1	2/21/2020

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

**Qualifiers:**

J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded

**STAT Analysis Corporation**

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

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

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

Date Reported: March 12, 2020

Date Printed: March 12, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-5-01 (0-1.5)

Work Order: 20020495 Revision 0

Collection Date: 2/17/2020 1:05:00 PM

Project: 81.0220509.75, WO #37, Elk Grove

Matrix: Soil

Lab ID: 20020495-007

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
----------	--------	----	-----------	-------	----	---------------

<b>Semivolatile Organic Compounds by GC/MS</b>	<b>SW8270D (SW3550B)</b>				Prep Date: 2/20/2020	Analyst: DM
--	--------------------------	--	--	--	----------------------	-------------

Fluoranthene	0.98	0.043		mg/Kg-dry	1	2/21/2020
Fluorene	ND	0.043		mg/Kg-dry	1	2/21/2020
Hexachlorobenzene	ND	0.22		mg/Kg-dry	1	2/21/2020
Hexachlorobutadiene	ND	0.22		mg/Kg-dry	1	2/21/2020
Hexachlorocyclopentadiene	ND	0.22		mg/Kg-dry	1	2/21/2020
Hexachloroethane	ND	0.22		mg/Kg-dry	1	2/21/2020
Indeno(1,2,3-cd)pyrene	0.33	0.043		mg/Kg-dry	1	2/21/2020
Isophorone	ND	0.22		mg/Kg-dry	1	2/21/2020
2-Methylnaphthalene	ND	0.22		mg/Kg-dry	1	2/21/2020
2-Methylphenol	ND	0.22		mg/Kg-dry	1	2/21/2020
4-Methylphenol	ND	0.22		mg/Kg-dry	1	2/21/2020
Naphthalene	ND	0.043		mg/Kg-dry	1	2/21/2020
2-Nitroaniline	ND	0.22		mg/Kg-dry	1	2/21/2020
3-Nitroaniline	ND	0.22		mg/Kg-dry	1	2/21/2020
4-Nitroaniline	ND	0.22		mg/Kg-dry	1	2/21/2020
2-Nitrophenol	ND	0.22		mg/Kg-dry	1	2/21/2020
4-Nitrophenol	ND	0.43		mg/Kg-dry	1	2/21/2020
Nitrobenzene	ND	0.043		mg/Kg-dry	1	2/21/2020
N-Nitrosodi-n-propylamine	ND	0.043		mg/Kg-dry	1	2/21/2020
N-Nitrosodimethylamine	ND	0.22		mg/Kg-dry	1	2/21/2020
N-Nitrosodiphenylamine	ND	0.043		mg/Kg-dry	1	2/21/2020
2, 2'-oxybis(1-Chloropropane)	ND	0.22		mg/Kg-dry	1	2/21/2020
Pentachlorophenol	ND	0.043		mg/Kg-dry	1	2/21/2020
Phenanthrene	0.39	0.043		mg/Kg-dry	1	2/21/2020
Phenol	ND	0.22		mg/Kg-dry	1	2/21/2020
Pyrene	0.79	0.043		mg/Kg-dry	1	2/21/2020
Pyridine	ND	0.87		mg/Kg-dry	1	2/21/2020
1,2,4-Trichlorobenzene	ND	0.22		mg/Kg-dry	1	2/21/2020
2,4,5-Trichlorophenol	ND	0.22		mg/Kg-dry	1	2/21/2020
2,4,6-Trichlorophenol	ND	0.22		mg/Kg-dry	1	2/21/2020

<b>Metals by ICP/MS</b>	<b>SW6020A (SW3050B)</b>				Prep Date: 2/24/2020	Analyst: JG
-------------------------	--------------------------	--	--	--	----------------------	-------------

Antimony	ND	2.3		mg/Kg-dry	10	2/25/2020
Arsenic	5.1	1.1		mg/Kg-dry	10	2/25/2020
Barium	69	1.1		mg/Kg-dry	10	2/25/2020
Beryllium	ND	0.57		mg/Kg-dry	10	2/25/2020
Cadmium	ND	0.57		mg/Kg-dry	10	2/25/2020
Calcium	88000	69		mg/Kg-dry	10	2/25/2020
Chromium	22	1.1		mg/Kg-dry	10	2/25/2020

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

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

**STAT Analysis Corporation**

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

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

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

Date Reported: March 12, 2020

Date Printed: March 12, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-5-01 (0-1.5)

Work Order: 20020495 Revision 0

Collection Date: 2/17/2020 1:05:00 PM

Project: 81.0220509.75, WO #37, Elk Grove

Matrix: Soil

Lab ID: 20020495-007

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
----------	--------	----	-----------	-------	----	---------------

**Metals by ICP/MS****SW6020A (SW3050B)**

Prep Date: 2/24/2020

Analyst: JG

Cobalt	7.0	1.1		mg/Kg-dry	10	2/25/2020
Copper	31	2.9		mg/Kg-dry	10	2/25/2020
Iron	17000	34		mg/Kg-dry	10	2/25/2020
Lead	20	0.57		mg/Kg-dry	10	2/25/2020
Magnesium	49000	34		mg/Kg-dry	10	2/25/2020
Manganese	340	1.1		mg/Kg-dry	10	2/25/2020
Nickel	21	1.1		mg/Kg-dry	10	2/25/2020
Potassium	1100	34		mg/Kg-dry	10	2/25/2020
Selenium	ND	1.1		mg/Kg-dry	10	2/25/2020
Silver	ND	1.1		mg/Kg-dry	10	2/25/2020
Sodium	2600	69		mg/Kg-dry	10	2/25/2020
Thallium	ND	1.1		mg/Kg-dry	10	2/25/2020
Vanadium	21	1.1		mg/Kg-dry	10	2/25/2020
Zinc	78	5.7		mg/Kg-dry	10	2/25/2020

**SPLP Metals by ICP/MS****SW1312/6020A (SW3005A)**

Prep Date: 2/20/2020

Analyst: MDT

Arsenic	0.0049	0.0040		mg/L	2	2/21/2020
Barium	0.025	0.020		mg/L	2	2/21/2020
Beryllium	ND	0.0020		mg/L	2	2/21/2020
Cadmium	ND	0.0020		mg/L	2	2/21/2020
Chromium	0.0062	0.0040		mg/L	2	2/21/2020
Cobalt	ND	0.0040		mg/L	2	2/21/2020
Copper	ND	0.040		mg/L	2	2/21/2020
Iron	3.0	0.10		mg/L	2	2/21/2020
Lead	0.0034	0.0020		mg/L	2	2/21/2020
Manganese	0.024	0.0040		mg/L	2	2/21/2020
Nickel	0.0078	0.0040		mg/L	2	2/21/2020
Selenium	ND	0.0040		mg/L	2	2/21/2020
Silver	ND	0.0040		mg/L	2	2/21/2020
Zinc	ND	0.020		mg/L	2	2/21/2020

**TCLP Metals by ICP/MS****SW1311/6020A (SW3005A)**

Prep Date: 2/21/2020

Analyst: JG

Arsenic	ND	0.010		mg/L	5	2/24/2020
Barium	0.36	0.050		mg/L	5	2/24/2020
Beryllium	ND	0.0050		mg/L	5	2/24/2020
Cadmium	ND	0.0050		mg/L	5	2/24/2020
Chromium	ND	0.010		mg/L	5	2/24/2020
Cobalt	ND	0.010		mg/L	5	2/24/2020
Copper	ND	0.10		mg/L	5	2/24/2020

**Qualifiers:**

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

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

**STAT Analysis Corporation**

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

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

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

Date Reported: March 12, 2020

Date Printed: March 12, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Work Order: 20020495 Revision 0

Project: 81.0220509.75, WO #37, Elk Grove

Lab ID: 20020495-007

Client Sample ID: 2360V2-5-01 (0-1.5)

Collection Date: 2/17/2020 1:05:00 PM

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>TCLP Metals by ICP/MS</b>	<b>SW1311/6020A (SW3005A)</b>		Prep Date: <b>2/21/2020</b>		Analyst: <b>JG</b>	
Iron	ND	0.25		mg/L	5	2/24/2020
Lead	ND	0.0050		mg/L	5	2/24/2020
Manganese	0.79	0.010		mg/L	5	2/24/2020
Nickel	ND	0.010		mg/L	5	2/24/2020
Selenium	ND	0.010		mg/L	5	2/24/2020
Silver	ND	0.010		mg/L	5	2/24/2020
Zinc	ND	0.050		mg/L	5	2/24/2020
<b>TCLP Mercury</b>	<b>SW1311/7470A</b>		Prep Date: <b>3/6/2020</b>		Analyst: <b>JG</b>	
Mercury	ND	0.00020		mg/L	1	3/7/2020
<b>SPLP Mercury</b>	<b>SW1312/7470A</b>		Prep Date: <b>2/24/2020</b>		Analyst: <b>LB</b>	
Mercury	ND	0.00020		mg/L	1	2/27/2020
<b>Mercury</b>	<b>SW7471B</b>		Prep Date: <b>3/10/2020</b>		Analyst: <b>LB</b>	
Mercury	0.039	0.024		mg/Kg-dry	1	3/11/2020
<b>pH (25 °C)</b>	<b>SW9045C</b>		Prep Date: <b>2/25/2020</b>		Analyst: <b>FN</b>	
pH	8.23			pH Units	1	2/25/2020
<b>Percent Moisture</b>	<b>D2974</b>		Prep Date: <b>2/19/2020</b>		Analyst: <b>FN</b>	
Percent Moisture	23.7	0.2	*	wt%	1	2/20/2020

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

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



**STAT Analysis Corporation**

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

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

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

Date Reported: March 12, 2020

Date Printed: March 12, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-6-02 (0-1.5)

Work Order: 20020495 Revision 0

Collection Date: 2/17/2020 1:12:00 PM

Project: 81.0220509.75, WO #37, Elk Grove

Matrix: Soil

Lab ID: 20020495-009

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Volatile Organic Compounds by GC/MS</b>		<b>SW5035/8260B</b>		Prep Date: <b>2/19/2020</b>		Analyst: <b>CBG</b>
Acetone	ND	0.10		mg/Kg-dry	1	2/25/2020
Benzene	ND	0.0068		mg/Kg-dry	1	2/25/2020
Bromodichloromethane	ND	0.0068		mg/Kg-dry	1	2/25/2020
Bromoform	ND	0.0068		mg/Kg-dry	1	2/25/2020
Bromomethane	ND	0.014		mg/Kg-dry	1	2/25/2020
2-Butanone	ND	0.10		mg/Kg-dry	1	2/25/2020
Carbon disulfide	ND	0.068		mg/Kg-dry	1	2/25/2020
Carbon tetrachloride	ND	0.0068		mg/Kg-dry	1	2/25/2020
Chlorobenzene	ND	0.0068		mg/Kg-dry	1	2/25/2020
Chloroethane	ND	0.014		mg/Kg-dry	1	2/25/2020
Chloroform	ND	0.0068		mg/Kg-dry	1	2/25/2020
Chloromethane	ND	0.014		mg/Kg-dry	1	2/25/2020
Dibromochloromethane	ND	0.0068		mg/Kg-dry	1	2/25/2020
1,1-Dichloroethane	ND	0.0068		mg/Kg-dry	1	2/25/2020
1,2-Dichloroethane	ND	0.0068		mg/Kg-dry	1	2/25/2020
1,1-Dichloroethene	ND	0.0068		mg/Kg-dry	1	2/25/2020
cis-1,2-Dichloroethene	ND	0.0068		mg/Kg-dry	1	2/25/2020
trans-1,2-Dichloroethene	ND	0.0068		mg/Kg-dry	1	2/25/2020
1,2-Dichloropropane	ND	0.0068		mg/Kg-dry	1	2/25/2020
cis-1,3-Dichloropropene	ND	0.0027		mg/Kg-dry	1	2/25/2020
trans-1,3-Dichloropropene	ND	0.0027		mg/Kg-dry	1	2/25/2020
Ethylbenzene	ND	0.0068		mg/Kg-dry	1	2/25/2020
2-Hexanone	ND	0.027		mg/Kg-dry	1	2/25/2020
4-Methyl-2-pentanone	ND	0.027		mg/Kg-dry	1	2/25/2020
Methylene chloride	ND	0.014		mg/Kg-dry	1	2/25/2020
Methyl tert-butyl ether	ND	0.0068		mg/Kg-dry	1	2/25/2020
Styrene	ND	0.0068		mg/Kg-dry	1	2/25/2020
1,1,2,2-Tetrachloroethane	ND	0.0068		mg/Kg-dry	1	2/25/2020
Tetrachloroethene	ND	0.0068		mg/Kg-dry	1	2/25/2020
Toluene	ND	0.0068		mg/Kg-dry	1	2/25/2020
1,1,1-Trichloroethane	ND	0.0068		mg/Kg-dry	1	2/25/2020
1,1,2-Trichloroethane	ND	0.0068		mg/Kg-dry	1	2/25/2020
Trichloroethene	ND	0.0068		mg/Kg-dry	1	2/25/2020
Vinyl chloride	ND	0.0068		mg/Kg-dry	1	2/25/2020
Xylenes, Total	ND	0.020		mg/Kg-dry	1	2/25/2020
<b>Semivolatile Organic Compounds by GC/MS</b>		<b>SW8270D (SW3550B)</b>		Prep Date: <b>2/20/2020</b>		Analyst: <b>DM</b>
Acenaphthene	ND	0.040		mg/Kg-dry	1	2/21/2020
Acenaphthylene	ND	0.040		mg/Kg-dry	1	2/21/2020

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

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

**STAT Analysis Corporation**

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

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

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

Date Reported: March 12, 2020

Date Printed: March 12, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-6-02 (0-1.5)

Work Order: 20020495 Revision 0

Collection Date: 2/17/2020 1:12:00 PM

Project: 81.0220509.75, WO #37, Elk Grove

Matrix: Soil

Lab ID: 20020495-009

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Semivolatile Organic Compounds by GC/MS</b>		<b>SW8270D (SW3550B)</b>		Prep Date: <b>2/20/2020</b>		Analyst: <b>DM</b>
Aniline	ND	0.41		mg/Kg-dry	1	2/21/2020
Anthracene	0.061	0.040		mg/Kg-dry	1	2/21/2020
Benz(a)anthracene	0.30	0.040		mg/Kg-dry	1	2/21/2020
Benzidine	ND	0.40		mg/Kg-dry	1	2/21/2020
Benzo(a)pyrene	0.33	0.040		mg/Kg-dry	1	2/21/2020
Benzo(b)fluoranthene	0.48	0.040		mg/Kg-dry	1	2/21/2020
Benzo(g,h,i)perylene	0.27	0.040		mg/Kg-dry	1	2/21/2020
Benzo(k)fluoranthene	0.21	0.040		mg/Kg-dry	1	2/21/2020
Benzoic acid	ND	1.0		mg/Kg-dry	1	2/21/2020
Benzyl alcohol	ND	0.21		mg/Kg-dry	1	2/21/2020
Bis(2-chloroethoxy)methane	ND	0.21		mg/Kg-dry	1	2/21/2020
Bis(2-chloroethyl)ether	ND	0.21		mg/Kg-dry	1	2/21/2020
Bis(2-ethylhexyl)phthalate	ND	1.0		mg/Kg-dry	1	2/21/2020
4-Bromophenyl phenyl ether	ND	0.21		mg/Kg-dry	1	2/21/2020
Butyl benzyl phthalate	ND	0.21		mg/Kg-dry	1	2/21/2020
Carbazole	ND	0.21		mg/Kg-dry	1	2/21/2020
4-Chloroaniline	ND	0.21		mg/Kg-dry	1	2/21/2020
4-Chloro-3-methylphenol	ND	0.40		mg/Kg-dry	1	2/21/2020
2-Chloronaphthalene	ND	0.21		mg/Kg-dry	1	2/21/2020
2-Chlorophenol	ND	0.21		mg/Kg-dry	1	2/21/2020
4-Chlorophenyl phenyl ether	ND	0.21		mg/Kg-dry	1	2/21/2020
Chrysene	0.36	0.040		mg/Kg-dry	1	2/21/2020
Dibenz(a,h)anthracene	0.14	0.040		mg/Kg-dry	1	2/21/2020
Dibenzofuran	ND	0.21		mg/Kg-dry	1	2/21/2020
1,2-Dichlorobenzene	ND	0.21		mg/Kg-dry	1	2/21/2020
1,3-Dichlorobenzene	ND	0.21		mg/Kg-dry	1	2/21/2020
1,4-Dichlorobenzene	ND	0.21		mg/Kg-dry	1	2/21/2020
3,3'-Dichlorobenzidine	ND	0.21		mg/Kg-dry	1	2/21/2020
2,4-Dichlorophenol	ND	0.21		mg/Kg-dry	1	2/21/2020
Diethyl phthalate	ND	0.21		mg/Kg-dry	1	2/21/2020
2,4-Dimethylphenol	ND	0.21		mg/Kg-dry	1	2/21/2020
Dimethyl phthalate	ND	0.21		mg/Kg-dry	1	2/21/2020
4,6-Dinitro-2-methylphenol	ND	0.40		mg/Kg-dry	1	2/21/2020
2,4-Dinitrophenol	ND	1.0		mg/Kg-dry	1	2/21/2020
2,4-Dinitrotoluene	ND	0.040		mg/Kg-dry	1	2/21/2020
2,6-Dinitrotoluene	ND	0.040		mg/Kg-dry	1	2/21/2020
Di-n-butyl phthalate	ND	0.21		mg/Kg-dry	1	2/21/2020
Di-n-octyl phthalate	ND	0.21		mg/Kg-dry	1	2/21/2020

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers: J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded

**STAT Analysis Corporation**

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

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

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

Date Reported: March 12, 2020

Date Printed: March 12, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-6-02 (0-1.5)

Work Order: 20020495 Revision 0

Collection Date: 2/17/2020 1:12:00 PM

Project: 81.0220509.75, WO #37, Elk Grove

Matrix: Soil

Lab ID: 20020495-009

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
----------	--------	----	-----------	-------	----	---------------

Semivolatile Organic Compounds by GC/MS	SW8270D (SW3550B)	Prep Date: 2/20/2020			Analyst: DM
---	-------------------	----------------------	--	--	-------------

Fluoranthene	0.85	0.040		mg/Kg-dry	1	2/21/2020
Fluorene	ND	0.040		mg/Kg-dry	1	2/21/2020
Hexachlorobenzene	ND	0.21		mg/Kg-dry	1	2/21/2020
Hexachlorobutadiene	ND	0.21		mg/Kg-dry	1	2/21/2020
Hexachlorocyclopentadiene	ND	0.21		mg/Kg-dry	1	2/21/2020
Hexachloroethane	ND	0.21		mg/Kg-dry	1	2/21/2020
Indeno(1,2,3-cd)pyrene	0.22	0.040		mg/Kg-dry	1	2/21/2020
Isophorone	ND	0.21		mg/Kg-dry	1	2/21/2020
2-Methylnaphthalene	ND	0.21		mg/Kg-dry	1	2/21/2020
2-Methylphenol	ND	0.21		mg/Kg-dry	1	2/21/2020
4-Methylphenol	ND	0.21		mg/Kg-dry	1	2/21/2020
Naphthalene	ND	0.040		mg/Kg-dry	1	2/21/2020
2-Nitroaniline	ND	0.21		mg/Kg-dry	1	2/21/2020
3-Nitroaniline	ND	0.21		mg/Kg-dry	1	2/21/2020
4-Nitroaniline	ND	0.21		mg/Kg-dry	1	2/21/2020
2-Nitrophenol	ND	0.21		mg/Kg-dry	1	2/21/2020
4-Nitrophenol	ND	0.40		mg/Kg-dry	1	2/21/2020
Nitrobenzene	ND	0.040		mg/Kg-dry	1	2/21/2020
N-Nitrosodi-n-propylamine	ND	0.040		mg/Kg-dry	1	2/21/2020
N-Nitrosodimethylamine	ND	0.21		mg/Kg-dry	1	2/21/2020
N-Nitrosodiphenylamine	ND	0.040		mg/Kg-dry	1	2/21/2020
2, 2'-oxybis(1-Chloropropane)	ND	0.21		mg/Kg-dry	1	2/21/2020
Pentachlorophenol	ND	0.040		mg/Kg-dry	1	2/21/2020
Phenanthrene	0.38	0.040		mg/Kg-dry	1	2/21/2020
Phenol	ND	0.21		mg/Kg-dry	1	2/21/2020
Pyrene	0.65	0.040		mg/Kg-dry	1	2/21/2020
Pyridine	ND	0.82		mg/Kg-dry	1	2/21/2020
1,2,4-Trichlorobenzene	ND	0.21		mg/Kg-dry	1	2/21/2020
2,4,5-Trichlorophenol	ND	0.21		mg/Kg-dry	1	2/21/2020
2,4,6-Trichlorophenol	ND	0.21		mg/Kg-dry	1	2/21/2020

Metals by ICP/MS	SW6020A (SW3050B)	Prep Date: 2/24/2020			Analyst: JG
------------------	-------------------	----------------------	--	--	-------------

Antimony	ND	2.1		mg/Kg-dry	10	2/25/2020
Arsenic	7.2	1.1		mg/Kg-dry	10	2/25/2020
Barium	80	1.1		mg/Kg-dry	10	2/25/2020
Beryllium	0.64	0.53		mg/Kg-dry	10	2/25/2020
Cadmium	ND	0.53		mg/Kg-dry	10	2/25/2020
Calcium	59000	64		mg/Kg-dry	10	2/25/2020
Chromium	17	1.1		mg/Kg-dry	10	2/25/2020

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

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

**STAT Analysis Corporation**

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

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

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

Date Reported: March 12, 2020

Date Printed: March 12, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-6-02 (0-1.5)

Work Order: 20020495 Revision 0

Collection Date: 2/17/2020 1:12:00 PM

Project: 81.0220509.75, WO #37, Elk Grove

Matrix: Soil

Lab ID: 20020495-009

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Metals by ICP/MS</b>		<b>SW6020A (SW3050B)</b>		Prep Date: <b>2/24/2020</b>		Analyst: <b>JG</b>
Cobalt	7.7	1.1		mg/Kg-dry	10	2/25/2020
Copper	17	2.7		mg/Kg-dry	10	2/25/2020
Iron	17000	32		mg/Kg-dry	10	2/25/2020
Lead	26	0.53		mg/Kg-dry	10	2/25/2020
Magnesium	28000	32		mg/Kg-dry	10	2/25/2020
Manganese	490	1.1		mg/Kg-dry	10	2/25/2020
Nickel	18	1.1		mg/Kg-dry	10	2/25/2020
Potassium	1800	32		mg/Kg-dry	10	2/25/2020
Selenium	ND	1.1		mg/Kg-dry	10	2/25/2020
Silver	ND	1.1		mg/Kg-dry	10	2/25/2020
Sodium	400	64		mg/Kg-dry	10	2/25/2020
Thallium	ND	1.1		mg/Kg-dry	10	2/25/2020
Vanadium	24	1.1		mg/Kg-dry	10	2/25/2020
Zinc	56	5.3		mg/Kg-dry	10	2/25/2020
<b>SPLP Metals by ICP/MS</b>		<b>SW1312/6020A (SW3005A)</b>		Prep Date: <b>2/20/2020</b>		Analyst: <b>MDT</b>
Arsenic	0.0055	0.0040		mg/L	2	2/21/2020
Barium	ND	0.020		mg/L	2	2/21/2020
Beryllium	ND	0.0020		mg/L	2	2/21/2020
Cadmium	ND	0.0020		mg/L	2	2/21/2020
Chromium	ND	0.0040		mg/L	2	2/21/2020
Cobalt	ND	0.0040		mg/L	2	2/21/2020
Copper	ND	0.040		mg/L	2	2/21/2020
Iron	1.7	0.10		mg/L	2	2/21/2020
Lead	0.0030	0.0020		mg/L	2	2/21/2020
Manganese	0.021	0.0040		mg/L	2	2/21/2020
Nickel	ND	0.0040		mg/L	2	2/21/2020
Selenium	ND	0.0040		mg/L	2	2/21/2020
Silver	ND	0.0040		mg/L	2	2/21/2020
Zinc	ND	0.020		mg/L	2	2/21/2020
<b>TCLP Metals by ICP/MS</b>		<b>SW1311/6020A (SW3005A)</b>		Prep Date: <b>2/21/2020</b>		Analyst: <b>JG</b>
Arsenic	ND	0.010		mg/L	5	2/24/2020
Barium	0.56	0.050		mg/L	5	2/24/2020
Beryllium	ND	0.0050		mg/L	5	2/24/2020
Cadmium	ND	0.0050		mg/L	5	2/24/2020
Chromium	ND	0.010		mg/L	5	2/24/2020
Cobalt	ND	0.010		mg/L	5	2/24/2020
Copper	ND	0.10		mg/L	5	2/24/2020

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers: J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded

**STAT Analysis Corporation**

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

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

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

Date Reported: March 12, 2020

Date Printed: March 12, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Work Order: 20020495 Revision 0

Project: 81.0220509.75, WO #37, Elk Grove

Lab ID: 20020495-009

Client Sample ID: 2360V2-6-02 (0-1.5)

Collection Date: 2/17/2020 1:12:00 PM

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>TCLP Metals by ICP/MS</b>	<b>SW1311/6020A (SW3005A)</b>			Prep Date: <b>2/21/2020</b>		Analyst: <b>JG</b>
Iron	ND	0.25		mg/L	5	2/24/2020
Lead	ND	0.0050		mg/L	5	2/24/2020
Manganese	0.72	0.010		mg/L	5	2/24/2020
Nickel	ND	0.010		mg/L	5	2/24/2020
Selenium	ND	0.010		mg/L	5	2/24/2020
Silver	ND	0.010		mg/L	5	2/24/2020
Zinc	0.16	0.050		mg/L	5	2/24/2020
<b>TCLP Mercury</b>	<b>SW1311/7470A</b>			Prep Date: <b>3/6/2020</b>		Analyst: <b>JG</b>
Mercury	ND	0.00020		mg/L	1	3/7/2020
<b>SPLP Mercury</b>	<b>SW1312/7470A</b>			Prep Date: <b>2/24/2020</b>		Analyst: <b>LB</b>
Mercury	ND	0.00020		mg/L	1	2/27/2020
<b>Mercury</b>	<b>SW7471B</b>			Prep Date: <b>3/10/2020</b>		Analyst: <b>LB</b>
Mercury	0.024	0.019		mg/Kg-dry	1	3/11/2020
<b>pH (25 °C)</b>	<b>SW9045C</b>			Prep Date: <b>2/25/2020</b>		Analyst: <b>FN</b>
pH	8.62			pH Units	1	2/25/2020
<b>Percent Moisture</b>	<b>D2974</b>			Prep Date: <b>2/19/2020</b>		Analyst: <b>FN</b>
Percent Moisture	20.1	0.2	*	wt%	1	2/20/2020

**Qualifiers:**

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

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

**STAT Analysis Corporation**

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

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

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

Date Reported: March 12, 2020

Date Printed: March 12, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-7-02 (0-1.5)

Work Order: 20020495 Revision 0

Collection Date: 2/17/2020 11:00:00 AM

Project: 81.0220509.75, WO #37, Elk Grove

Matrix: Soil

Lab ID: 20020495-011

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Volatile Organic Compounds by GC/MS</b>		<b>SW5035/8260B</b>		Prep Date: 2/19/2020		Analyst: JDT
Acetone	ND	0.065		mg/Kg-dry	1	2/24/2020
Benzene	ND	0.0044		mg/Kg-dry	1	2/24/2020
Bromodichloromethane	ND	0.0044		mg/Kg-dry	1	2/24/2020
Bromoform	ND	0.0044		mg/Kg-dry	1	2/24/2020
Bromomethane	ND	0.0087		mg/Kg-dry	1	2/24/2020
2-Butanone	ND	0.065		mg/Kg-dry	1	2/24/2020
Carbon disulfide	ND	0.044		mg/Kg-dry	1	2/24/2020
Carbon tetrachloride	ND	0.0044		mg/Kg-dry	1	2/24/2020
Chlorobenzene	ND	0.0044		mg/Kg-dry	1	2/24/2020
Chloroethane	ND	0.0087		mg/Kg-dry	1	2/24/2020
Chloroform	ND	0.0044		mg/Kg-dry	1	2/24/2020
Chloromethane	ND	0.0087		mg/Kg-dry	1	2/24/2020
Dibromochloromethane	ND	0.0044		mg/Kg-dry	1	2/24/2020
1,1-Dichloroethane	ND	0.0044		mg/Kg-dry	1	2/24/2020
1,2-Dichloroethane	ND	0.0044		mg/Kg-dry	1	2/24/2020
1,1-Dichloroethene	ND	0.0044		mg/Kg-dry	1	2/24/2020
cis-1,2-Dichloroethene	ND	0.0044		mg/Kg-dry	1	2/24/2020
trans-1,2-Dichloroethene	ND	0.0044		mg/Kg-dry	1	2/24/2020
1,2-Dichloropropane	ND	0.0044		mg/Kg-dry	1	2/24/2020
cis-1,3-Dichloropropene	ND	0.0017		mg/Kg-dry	1	2/24/2020
trans-1,3-Dichloropropene	ND	0.0017		mg/Kg-dry	1	2/24/2020
Ethylbenzene	ND	0.0044		mg/Kg-dry	1	2/24/2020
2-Hexanone	ND	0.017		mg/Kg-dry	1	2/24/2020
4-Methyl-2-pentanone	ND	0.017		mg/Kg-dry	1	2/24/2020
Methylene chloride	ND	0.0087		mg/Kg-dry	1	2/24/2020
Methyl tert-butyl ether	ND	0.0044		mg/Kg-dry	1	2/24/2020
Styrene	ND	0.0044		mg/Kg-dry	1	2/24/2020
1,1,2,2-Tetrachloroethane	ND	0.0044		mg/Kg-dry	1	2/24/2020
Tetrachloroethene	ND	0.0044		mg/Kg-dry	1	2/24/2020
Toluene	ND	0.0044		mg/Kg-dry	1	2/24/2020
1,1,1-Trichloroethane	ND	0.0044		mg/Kg-dry	1	2/24/2020
1,1,2-Trichloroethane	ND	0.0044		mg/Kg-dry	1	2/24/2020
Trichloroethene	ND	0.0044		mg/Kg-dry	1	2/24/2020
Vinyl chloride	ND	0.0044		mg/Kg-dry	1	2/24/2020
Xylenes, Total	ND	0.013		mg/Kg-dry	1	2/24/2020
<b>Semivolatile Organic Compounds by GC/MS</b>		<b>SW8270D (SW3550B)</b>		Prep Date: 2/20/2020		Analyst: DM
Acenaphthene	ND	0.042		mg/Kg-dry	1	2/21/2020
Acenaphthylene	ND	0.042		mg/Kg-dry	1	2/21/2020

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

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

**STAT Analysis Corporation**

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

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

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

Date Reported: March 12, 2020

Date Printed: March 12, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-7-02 (0-1.5)

Work Order: 20020495 Revision 0

Collection Date: 2/17/2020 11:00:00 AM

Project: 81.0220509.75, WO #37, Elk Grove

Matrix: Soil

Lab ID: 20020495-011

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Semivolatile Organic Compounds by GC/MS</b>	<b>SW8270D (SW3550B)</b>				Prep Date: 2/20/2020	Analyst: DM
Aniline	ND	0.42		mg/Kg-dry	1	2/21/2020
Anthracene	ND	0.042		mg/Kg-dry	1	2/21/2020
Benz(a)anthracene	0.11	0.042		mg/Kg-dry	1	2/21/2020
Benzidine	ND	0.42		mg/Kg-dry	1	2/21/2020
Benzo(a)pyrene	0.11	0.042		mg/Kg-dry	1	2/21/2020
Benzo(b)fluoranthene	0.092	0.042		mg/Kg-dry	1	2/21/2020
Benzo(g,h,i)perylene	0.096	0.042		mg/Kg-dry	1	2/21/2020
Benzo(k)fluoranthene	0.12	0.042		mg/Kg-dry	1	2/21/2020
Benzoic acid	ND	1.1		mg/Kg-dry	1	2/21/2020
Benzyl alcohol	0.28	0.22		mg/Kg-dry	1	2/21/2020
Bis(2-chloroethoxy)methane	ND	0.22		mg/Kg-dry	1	2/21/2020
Bis(2-chloroethyl)ether	ND	0.22		mg/Kg-dry	1	2/21/2020
Bis(2-ethylhexyl)phthalate	ND	1.1		mg/Kg-dry	1	2/21/2020
4-Bromophenyl phenyl ether	ND	0.22		mg/Kg-dry	1	2/21/2020
Butyl benzyl phthalate	ND	0.22		mg/Kg-dry	1	2/21/2020
Carbazole	ND	0.22		mg/Kg-dry	1	2/21/2020
4-Chloroaniline	ND	0.22		mg/Kg-dry	1	2/21/2020
4-Chloro-3-methylphenol	ND	0.42		mg/Kg-dry	1	2/21/2020
2-Chloronaphthalene	ND	0.22		mg/Kg-dry	1	2/21/2020
2-Chlorophenol	ND	0.22		mg/Kg-dry	1	2/21/2020
4-Chlorophenyl phenyl ether	ND	0.22		mg/Kg-dry	1	2/21/2020
Chrysene	0.12	0.042		mg/Kg-dry	1	2/21/2020
Dibenz(a,h)anthracene	ND	0.042		mg/Kg-dry	1	2/21/2020
Dibenzofuran	ND	0.22		mg/Kg-dry	1	2/21/2020
1,2-Dichlorobenzene	ND	0.22		mg/Kg-dry	1	2/21/2020
1,3-Dichlorobenzene	ND	0.22		mg/Kg-dry	1	2/21/2020
1,4-Dichlorobenzene	ND	0.22		mg/Kg-dry	1	2/21/2020
3,3'-Dichlorobenzidine	ND	0.22		mg/Kg-dry	1	2/21/2020
2,4-Dichlorophenol	ND	0.22		mg/Kg-dry	1	2/21/2020
Diethyl phthalate	ND	0.22		mg/Kg-dry	1	2/21/2020
2,4-Dimethylphenol	ND	0.22		mg/Kg-dry	1	2/21/2020
Dimethyl phthalate	ND	0.22		mg/Kg-dry	1	2/21/2020
4,6-Dinitro-2-methylphenol	ND	0.42		mg/Kg-dry	1	2/21/2020
2,4-Dinitrophenol	ND	1.1		mg/Kg-dry	1	2/21/2020
2,4-Dinitrotoluene	ND	0.042		mg/Kg-dry	1	2/21/2020
2,6-Dinitrotoluene	ND	0.042		mg/Kg-dry	1	2/21/2020
Di-n-butyl phthalate	ND	0.22		mg/Kg-dry	1	2/21/2020
Di-n-octyl phthalate	ND	0.22		mg/Kg-dry	1	2/21/2020

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

**Qualifiers:**

J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded

**STAT Analysis Corporation**

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

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

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

Date Reported: March 12, 2020

Date Printed: March 12, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-7-02 (0-1.5)

Work Order: 20020495 Revision 0

Collection Date: 2/17/2020 11:00:00 AM

Project: 81.0220509.75, WO #37, Elk Grove

Matrix: Soil

Lab ID: 20020495-011

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
----------	--------	----	-----------	-------	----	---------------

Semivolatile Organic Compounds by GC/MS	SW8270D (SW3550B)	Prep Date: 2/20/2020			Analyst: DM
---	-------------------	----------------------	--	--	-------------

Fluoranthene	0.24	0.042		mg/Kg-dry	1	2/21/2020
Fluorene	ND	0.042		mg/Kg-dry	1	2/21/2020
Hexachlorobenzene	ND	0.22		mg/Kg-dry	1	2/21/2020
Hexachlorobutadiene	ND	0.22		mg/Kg-dry	1	2/21/2020
Hexachlorocyclopentadiene	ND	0.22		mg/Kg-dry	1	2/21/2020
Hexachloroethane	ND	0.22		mg/Kg-dry	1	2/21/2020
Indeno(1,2,3-cd)pyrene	0.095	0.042		mg/Kg-dry	1	2/21/2020
Isophorone	ND	0.22		mg/Kg-dry	1	2/21/2020
2-Methylnaphthalene	ND	0.22		mg/Kg-dry	1	2/21/2020
2-Methylphenol	ND	0.22		mg/Kg-dry	1	2/21/2020
4-Methylphenol	ND	0.22		mg/Kg-dry	1	2/21/2020
Naphthalene	ND	0.042		mg/Kg-dry	1	2/21/2020
2-Nitroaniline	ND	0.22		mg/Kg-dry	1	2/21/2020
3-Nitroaniline	ND	0.22		mg/Kg-dry	1	2/21/2020
4-Nitroaniline	ND	0.22		mg/Kg-dry	1	2/21/2020
2-Nitrophenol	ND	0.22		mg/Kg-dry	1	2/21/2020
4-Nitrophenol	ND	0.42		mg/Kg-dry	1	2/21/2020
Nitrobenzene	ND	0.042		mg/Kg-dry	1	2/21/2020
N-Nitrosodi-n-propylamine	ND	0.042		mg/Kg-dry	1	2/21/2020
N-Nitrosodimethylamine	ND	0.22		mg/Kg-dry	1	2/21/2020
N-Nitrosodiphenylamine	ND	0.042		mg/Kg-dry	1	2/21/2020
2, 2'-oxybis(1-Chloropropane)	ND	0.22		mg/Kg-dry	1	2/21/2020
Pentachlorophenol	ND	0.042		mg/Kg-dry	1	2/21/2020
Phenanthrene	0.10	0.042		mg/Kg-dry	1	2/21/2020
Phenol	ND	0.22		mg/Kg-dry	1	2/21/2020
Pyrene	0.20	0.042		mg/Kg-dry	1	2/21/2020
Pyridine	ND	0.85		mg/Kg-dry	1	2/21/2020
1,2,4-Trichlorobenzene	ND	0.22		mg/Kg-dry	1	2/21/2020
2,4,5-Trichlorophenol	ND	0.22		mg/Kg-dry	1	2/21/2020
2,4,6-Trichlorophenol	ND	0.22		mg/Kg-dry	1	2/21/2020

Metals by ICP/MS	SW6020A (SW3050B)	Prep Date: 2/24/2020			Analyst: JG
------------------	-------------------	----------------------	--	--	-------------

Antimony	ND	2.2		mg/Kg-dry	10	2/25/2020
Arsenic	6.9	1.1		mg/Kg-dry	10	2/25/2020
Barium	91	1.1		mg/Kg-dry	10	2/25/2020
Beryllium	0.74	0.55		mg/Kg-dry	10	2/25/2020
Cadmium	ND	0.55		mg/Kg-dry	10	2/25/2020
Calcium	17000	66		mg/Kg-dry	10	2/25/2020
Chromium	18	1.1		mg/Kg-dry	10	2/25/2020

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

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



**STAT Analysis Corporation**

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

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

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

Date Reported: March 12, 2020

Date Printed: March 12, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-7-02 (0-1.5)

Work Order: 20020495 Revision 0

Collection Date: 2/17/2020 11:00:00 AM

Project: 81.0220509.75, WO #37, Elk Grove

Matrix: Soil

Lab ID: 20020495-011

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Metals by ICP/MS</b>	<b>SW6020A (SW3050B)</b>		Prep Date: <b>2/24/2020</b>		Analyst: <b>JG</b>	
Cobalt	8.6	1.1		mg/Kg-dry	10	2/25/2020
Copper	19	2.8		mg/Kg-dry	10	2/25/2020
Iron	20000	33		mg/Kg-dry	10	2/25/2020
Lead	23	0.55		mg/Kg-dry	10	2/25/2020
Magnesium	9400	33		mg/Kg-dry	10	2/25/2020
Manganese	410	1.1		mg/Kg-dry	10	2/25/2020
Nickel	19	1.1		mg/Kg-dry	10	2/25/2020
Potassium	1500	33		mg/Kg-dry	10	2/25/2020
Selenium	ND	1.1		mg/Kg-dry	10	2/25/2020
Silver	ND	1.1		mg/Kg-dry	10	2/25/2020
Sodium	150	66		mg/Kg-dry	10	2/25/2020
Thallium	ND	1.1		mg/Kg-dry	10	2/25/2020
Vanadium	27	1.1		mg/Kg-dry	10	2/25/2020
Zinc	58	5.5		mg/Kg-dry	10	2/25/2020
<b>SPLP Metals by ICP/MS</b>	<b>SW1312/6020A (SW3005A)</b>		Prep Date: <b>2/20/2020</b>		Analyst: <b>MDT</b>	
Arsenic	ND	0.0040		mg/L	2	2/21/2020
Barium	ND	0.020		mg/L	2	2/21/2020
Beryllium	ND	0.0020		mg/L	2	2/21/2020
Cadmium	ND	0.0020		mg/L	2	2/21/2020
Chromium	0.0040	0.0040		mg/L	2	2/21/2020
Cobalt	ND	0.0040		mg/L	2	2/21/2020
Copper	ND	0.040		mg/L	2	2/21/2020
Iron	2.0	0.10		mg/L	2	2/21/2020
Lead	ND	0.0020		mg/L	2	2/21/2020
Manganese	0.0088	0.0040		mg/L	2	2/21/2020
Nickel	ND	0.0040		mg/L	2	2/21/2020
Selenium	ND	0.0040		mg/L	2	2/21/2020
Silver	ND	0.0040		mg/L	2	2/21/2020
Zinc	ND	0.020		mg/L	2	2/21/2020
<b>TCLP Metals by ICP/MS</b>	<b>SW1311/6020A (SW3005A)</b>		Prep Date: <b>2/21/2020</b>		Analyst: <b>JG</b>	
Arsenic	ND	0.010		mg/L	5	2/24/2020
Barium	0.42	0.050		mg/L	5	2/24/2020
Beryllium	ND	0.0050		mg/L	5	2/24/2020
Cadmium	ND	0.0050		mg/L	5	2/24/2020
Chromium	ND	0.010		mg/L	5	2/24/2020
Cobalt	ND	0.010		mg/L	5	2/24/2020
Copper	ND	0.10		mg/L	5	2/24/2020

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers: J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded

**STAT Analysis Corporation**

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

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

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

Date Reported: March 12, 2020

Date Printed: March 12, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Work Order: 20020495 Revision 0

Project: 81.0220509.75, WO #37, Elk Grove

Lab ID: 20020495-011

Client Sample ID: 2360V2-7-02 (0-1.5)

Collection Date: 2/17/2020 11:00:00 AM

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>TCLP Metals by ICP/MS</b>	<b>SW1311/6020A (SW3005A)</b>			Prep Date: <b>2/21/2020</b>		Analyst: <b>JG</b>
Iron	ND	0.25		mg/L	5	2/24/2020
Lead	ND	0.0050		mg/L	5	2/24/2020
Manganese	0.60	0.010		mg/L	5	2/24/2020
Nickel	ND	0.010		mg/L	5	2/24/2020
Selenium	ND	0.010		mg/L	5	2/24/2020
Silver	ND	0.010		mg/L	5	2/24/2020
Zinc	ND	0.050		mg/L	5	2/24/2020
<b>TCLP Mercury</b>	<b>SW1311/7470A</b>			Prep Date: <b>3/6/2020</b>		Analyst: <b>JG</b>
Mercury	ND	0.00020		mg/L	1	3/7/2020
<b>SPLP Mercury</b>	<b>SW1312/7470A</b>			Prep Date: <b>2/24/2020</b>		Analyst: <b>LB</b>
Mercury	ND	0.00020		mg/L	1	2/27/2020
<b>Mercury</b>	<b>SW7471B</b>			Prep Date: <b>3/10/2020</b>		Analyst: <b>LB</b>
Mercury	0.061	0.025		mg/Kg-dry	1	3/11/2020
<b>pH (25 °C)</b>	<b>SW9045C</b>			Prep Date: <b>2/25/2020</b>		Analyst: <b>FN</b>
pH	8.11			pH Units	1	2/25/2020
<b>Percent Moisture</b>	<b>D2974</b>			Prep Date: <b>2/19/2020</b>		Analyst: <b>FN</b>
Percent Moisture	22.1	0.2	*	wt%	1	2/20/2020

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

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

**STAT Analysis Corporation**

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

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

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

Date Reported: March 12, 2020

Date Printed: March 12, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-8-02 (0-5)

Work Order: 20020495 Revision 0

Collection Date: 2/17/2020 11:10:00 AM

Project: 81.0220509.75, WO #37, Elk Grove

Matrix: Soil

Lab ID: 20020495-014

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Volatile Organic Compounds by GC/MS</b>		<b>SW5035/8260B</b>		Prep Date: <b>2/19/2020</b>		Analyst: <b>JDT</b>
Acetone	ND	0.076		mg/Kg-dry	1	2/25/2020
Benzene	ND	0.0051		mg/Kg-dry	1	2/25/2020
Bromodichloromethane	ND	0.0051		mg/Kg-dry	1	2/25/2020
Bromoform	ND	0.0051		mg/Kg-dry	1	2/25/2020
Bromomethane	ND	0.010		mg/Kg-dry	1	2/25/2020
2-Butanone	ND	0.076		mg/Kg-dry	1	2/25/2020
Carbon disulfide	ND	0.051		mg/Kg-dry	1	2/25/2020
Carbon tetrachloride	ND	0.0051		mg/Kg-dry	1	2/25/2020
Chlorobenzene	ND	0.0051		mg/Kg-dry	1	2/25/2020
Chloroethane	ND	0.010		mg/Kg-dry	1	2/25/2020
Chloroform	ND	0.0051		mg/Kg-dry	1	2/25/2020
Chloromethane	ND	0.010		mg/Kg-dry	1	2/25/2020
Dibromochloromethane	ND	0.0051		mg/Kg-dry	1	2/25/2020
1,1-Dichloroethane	ND	0.0051		mg/Kg-dry	1	2/25/2020
1,2-Dichloroethane	ND	0.0051		mg/Kg-dry	1	2/25/2020
1,1-Dichloroethene	ND	0.0051		mg/Kg-dry	1	2/25/2020
cis-1,2-Dichloroethene	ND	0.0051		mg/Kg-dry	1	2/25/2020
trans-1,2-Dichloroethene	ND	0.0051		mg/Kg-dry	1	2/25/2020
1,2-Dichloropropane	ND	0.0051		mg/Kg-dry	1	2/25/2020
cis-1,3-Dichloropropene	ND	0.0020		mg/Kg-dry	1	2/25/2020
trans-1,3-Dichloropropene	ND	0.0020		mg/Kg-dry	1	2/25/2020
Ethylbenzene	ND	0.0051		mg/Kg-dry	1	2/25/2020
2-Hexanone	ND	0.020		mg/Kg-dry	1	2/25/2020
4-Methyl-2-pentanone	ND	0.020		mg/Kg-dry	1	2/25/2020
Methylene chloride	ND	0.010		mg/Kg-dry	1	2/25/2020
Methyl tert-butyl ether	ND	0.0051		mg/Kg-dry	1	2/25/2020
Styrene	ND	0.0051		mg/Kg-dry	1	2/25/2020
1,1,2,2-Tetrachloroethane	ND	0.0051		mg/Kg-dry	1	2/25/2020
Tetrachloroethene	ND	0.0051		mg/Kg-dry	1	2/25/2020
Toluene	ND	0.0051		mg/Kg-dry	1	2/25/2020
1,1,1-Trichloroethane	ND	0.0051		mg/Kg-dry	1	2/25/2020
1,1,2-Trichloroethane	ND	0.0051		mg/Kg-dry	1	2/25/2020
Trichloroethene	ND	0.0051		mg/Kg-dry	1	2/25/2020
Vinyl chloride	ND	0.0051		mg/Kg-dry	1	2/25/2020
Xylenes, Total	ND	0.015		mg/Kg-dry	1	2/25/2020
<b>Semivolatile Organic Compounds by GC/MS</b>		<b>SW8270D (SW3550B)</b>		Prep Date: <b>2/20/2020</b>		Analyst: <b>DM</b>
Acenaphthene	ND	0.038		mg/Kg-dry	1	2/21/2020
Acenaphthylene	ND	0.038		mg/Kg-dry	1	2/21/2020

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

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

**STAT Analysis Corporation**

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

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

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

Date Reported: March 12, 2020

Date Printed: March 12, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-8-02 (0-5)

Work Order: 20020495 Revision 0

Collection Date: 2/17/2020 11:10:00 AM

Project: 81.0220509.75, WO #37, Elk Grove

Matrix: Soil

Lab ID: 20020495-014

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Semivolatile Organic Compounds by GC/MS</b>	<b>SW8270D (SW3550B)</b>				Prep Date: 2/20/2020	Analyst: DM
Aniline	ND	0.38		mg/Kg-dry	1	2/21/2020
Anthracene	ND	0.038		mg/Kg-dry	1	2/21/2020
Benz(a)anthracene	ND	0.038		mg/Kg-dry	1	2/21/2020
Benzidine	ND	0.38		mg/Kg-dry	1	2/21/2020
Benzo(a)pyrene	ND	0.038		mg/Kg-dry	1	2/21/2020
Benzo(b)fluoranthene	ND	0.038		mg/Kg-dry	1	2/21/2020
Benzo(g,h,i)perylene	ND	0.038		mg/Kg-dry	1	2/21/2020
Benzo(k)fluoranthene	ND	0.038		mg/Kg-dry	1	2/21/2020
Benzoic acid	ND	0.95		mg/Kg-dry	1	2/21/2020
Benzyl alcohol	ND	0.20		mg/Kg-dry	1	2/21/2020
Bis(2-chloroethoxy)methane	ND	0.20		mg/Kg-dry	1	2/21/2020
Bis(2-chloroethyl)ether	ND	0.20		mg/Kg-dry	1	2/21/2020
Bis(2-ethylhexyl)phthalate	ND	0.95		mg/Kg-dry	1	2/21/2020
4-Bromophenyl phenyl ether	ND	0.20		mg/Kg-dry	1	2/21/2020
Butyl benzyl phthalate	ND	0.20		mg/Kg-dry	1	2/21/2020
Carbazole	ND	0.20		mg/Kg-dry	1	2/21/2020
4-Chloroaniline	ND	0.20		mg/Kg-dry	1	2/21/2020
4-Chloro-3-methylphenol	ND	0.38		mg/Kg-dry	1	2/21/2020
2-Chloronaphthalene	ND	0.20		mg/Kg-dry	1	2/21/2020
2-Chlorophenol	ND	0.20		mg/Kg-dry	1	2/21/2020
4-Chlorophenyl phenyl ether	ND	0.20		mg/Kg-dry	1	2/21/2020
Chrysene	ND	0.038		mg/Kg-dry	1	2/21/2020
Dibenz(a,h)anthracene	ND	0.038		mg/Kg-dry	1	2/21/2020
Dibenzofuran	ND	0.20		mg/Kg-dry	1	2/21/2020
1,2-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	2/21/2020
1,3-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	2/21/2020
1,4-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	2/21/2020
3,3'-Dichlorobenzidine	ND	0.20		mg/Kg-dry	1	2/21/2020
2,4-Dichlorophenol	ND	0.20		mg/Kg-dry	1	2/21/2020
Diethyl phthalate	ND	0.20		mg/Kg-dry	1	2/21/2020
2,4-Dimethylphenol	ND	0.20		mg/Kg-dry	1	2/21/2020
Dimethyl phthalate	ND	0.20		mg/Kg-dry	1	2/21/2020
4,6-Dinitro-2-methylphenol	ND	0.38		mg/Kg-dry	1	2/21/2020
2,4-Dinitrophenol	ND	0.95		mg/Kg-dry	1	2/21/2020
2,4-Dinitrotoluene	ND	0.038		mg/Kg-dry	1	2/21/2020
2,6-Dinitrotoluene	ND	0.038		mg/Kg-dry	1	2/21/2020
Di-n-butyl phthalate	ND	0.20		mg/Kg-dry	1	2/21/2020
Di-n-octyl phthalate	ND	0.20		mg/Kg-dry	1	2/21/2020

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

**Qualifiers:**

J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded

**STAT Analysis Corporation**

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

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

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

Date Reported: March 12, 2020

Date Printed: March 12, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-8-02 (0-5)

Work Order: 20020495 Revision 0

Collection Date: 2/17/2020 11:10:00 AM

Project: 81.0220509.75, WO #37, Elk Grove

Matrix: Soil

Lab ID: 20020495-014

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
----------	--------	----	-----------	-------	----	---------------

Semivolatile Organic Compounds by GC/MS	SW8270D (SW3550B)				Prep Date: 2/20/2020	Analyst: DM
---	-------------------	--	--	--	----------------------	-------------

Fluoranthene	ND	0.038		mg/Kg-dry	1	2/21/2020
Fluorene	ND	0.038		mg/Kg-dry	1	2/21/2020
Hexachlorobenzene	ND	0.20		mg/Kg-dry	1	2/21/2020
Hexachlorobutadiene	ND	0.20		mg/Kg-dry	1	2/21/2020
Hexachlorocyclopentadiene	ND	0.20		mg/Kg-dry	1	2/21/2020
Hexachloroethane	ND	0.20		mg/Kg-dry	1	2/21/2020
Indeno(1,2,3-cd)pyrene	ND	0.038		mg/Kg-dry	1	2/21/2020
Isophorone	ND	0.20		mg/Kg-dry	1	2/21/2020
2-Methylnaphthalene	ND	0.20		mg/Kg-dry	1	2/21/2020
2-Methylphenol	ND	0.20		mg/Kg-dry	1	2/21/2020
4-Methylphenol	ND	0.20		mg/Kg-dry	1	2/21/2020
Naphthalene	ND	0.038		mg/Kg-dry	1	2/21/2020
2-Nitroaniline	ND	0.20		mg/Kg-dry	1	2/21/2020
3-Nitroaniline	ND	0.20		mg/Kg-dry	1	2/21/2020
4-Nitroaniline	ND	0.20		mg/Kg-dry	1	2/21/2020
2-Nitrophenol	ND	0.20		mg/Kg-dry	1	2/21/2020
4-Nitrophenol	ND	0.38		mg/Kg-dry	1	2/21/2020
Nitrobenzene	ND	0.038		mg/Kg-dry	1	2/21/2020
N-Nitrosodi-n-propylamine	ND	0.038		mg/Kg-dry	1	2/21/2020
N-Nitrosodimethylamine	ND	0.20		mg/Kg-dry	1	2/21/2020
N-Nitrosodiphenylamine	ND	0.038		mg/Kg-dry	1	2/21/2020
2, 2'-oxybis(1-Chloropropane)	ND	0.20		mg/Kg-dry	1	2/21/2020
Pentachlorophenol	ND	0.038		mg/Kg-dry	1	2/21/2020
Phenanthrene	ND	0.038		mg/Kg-dry	1	2/21/2020
Phenol	ND	0.20		mg/Kg-dry	1	2/21/2020
Pyrene	ND	0.038		mg/Kg-dry	1	2/21/2020
Pyridine	ND	0.77		mg/Kg-dry	1	2/21/2020
1,2,4-Trichlorobenzene	ND	0.20		mg/Kg-dry	1	2/21/2020
2,4,5-Trichlorophenol	ND	0.20		mg/Kg-dry	1	2/21/2020
2,4,6-Trichlorophenol	ND	0.20		mg/Kg-dry	1	2/21/2020

Metals by ICP/MS	SW6020A (SW3050B)				Prep Date: 2/24/2020	Analyst: JG
------------------	-------------------	--	--	--	----------------------	-------------

Antimony	ND	2.1		mg/Kg-dry	10	2/24/2020
Arsenic	11	1.0		mg/Kg-dry	10	2/24/2020
Barium	72	1.0		mg/Kg-dry	10	2/24/2020
Beryllium	0.70	0.52		mg/Kg-dry	10	2/24/2020
Cadmium	ND	0.52		mg/Kg-dry	10	2/24/2020
Calcium	50000	62		mg/Kg-dry	10	2/24/2020
Chromium	20	1.0		mg/Kg-dry	10	2/24/2020

**Qualifiers:**  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 HT - Sample received past holding time  
 \* - Non-accredited parameter

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

**STAT Analysis Corporation**

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

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

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

Date Reported: March 12, 2020

Date Printed: March 12, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-8-02 (0-5)

Work Order: 20020495 Revision 0

Collection Date: 2/17/2020 11:10:00 AM

Project: 81.0220509.75, WO #37, Elk Grove

Matrix: Soil

Lab ID: 20020495-014

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
----------	--------	----	-----------	-------	----	---------------

**Metals by ICP/MS****SW6020A (SW3050B)**

Prep Date: 2/24/2020

Analyst: JG

Cobalt	11	1.0		mg/Kg-dry	10	2/24/2020
Copper	24	2.6		mg/Kg-dry	10	2/24/2020
Iron	25000	31		mg/Kg-dry	10	2/24/2020
Lead	13	0.52		mg/Kg-dry	10	2/24/2020
Magnesium	31000	31		mg/Kg-dry	10	2/24/2020
Manganese	640	1.0		mg/Kg-dry	10	2/24/2020
Nickel	33	1.0		mg/Kg-dry	10	2/24/2020
Potassium	1900	31		mg/Kg-dry	10	2/24/2020
Selenium	ND	1.0		mg/Kg-dry	10	2/24/2020
Silver	ND	1.0		mg/Kg-dry	10	2/24/2020
Sodium	1300	62		mg/Kg-dry	10	2/24/2020
Thallium	ND	1.0		mg/Kg-dry	10	2/24/2020
Vanadium	25	1.0		mg/Kg-dry	10	2/24/2020
Zinc	53	5.2		mg/Kg-dry	10	2/24/2020

**SPLP Metals by ICP/MS****SW1312/6020A (SW3005A)**

Prep Date: 2/20/2020

Analyst: MDT

Arsenic	ND	0.0040		mg/L	2	2/21/2020
Barium	ND	0.020		mg/L	2	2/21/2020
Beryllium	ND	0.0020		mg/L	2	2/21/2020
Cadmium	ND	0.0020		mg/L	2	2/21/2020
Chromium	0.0052	0.0040		mg/L	2	2/21/2020
Cobalt	ND	0.0040		mg/L	2	2/21/2020
Copper	ND	0.040		mg/L	2	2/21/2020
Iron	2.5	0.10		mg/L	2	2/21/2020
Lead	ND	0.0020		mg/L	2	2/21/2020
Manganese	0.019	0.0040		mg/L	2	2/21/2020
Nickel	ND	0.0040		mg/L	2	2/21/2020
Selenium	ND	0.0040		mg/L	2	2/21/2020
Silver	ND	0.0040		mg/L	2	2/21/2020
Zinc	ND	0.020		mg/L	2	2/21/2020

**TCLP Metals by ICP/MS****SW1311/6020A (SW3005A)**

Prep Date: 2/21/2020

Analyst: MDT

Arsenic	ND	0.010		mg/L	5	2/21/2020
Barium	0.82	0.050		mg/L	5	2/21/2020
Beryllium	ND	0.0050		mg/L	5	2/21/2020
Cadmium	ND	0.0050		mg/L	5	2/21/2020
Chromium	ND	0.010		mg/L	5	2/21/2020
Cobalt	0.021	0.010		mg/L	5	2/21/2020
Copper	ND	0.10		mg/L	5	2/21/2020

**Qualifiers:**

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

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

**STAT Analysis Corporation**

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

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

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

Date Reported: March 12, 2020

Date Printed: March 12, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Work Order: 20020495 Revision 0

Project: 81.0220509.75, WO #37, Elk Grove

Lab ID: 20020495-014

Client Sample ID: 2360V2-8-02 (0-5)

Collection Date: 2/17/2020 11:10:00 AM

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>TCLP Metals by ICP/MS</b>	<b>SW1311/6020A (SW3005A)</b>		Prep Date: <b>2/21/2020</b>		Analyst: <b>MDT</b>	
Iron	0.45	0.25		mg/L	5	2/21/2020
Lead	0.0099	0.0050		mg/L	5	2/21/2020
Manganese	18	0.010		mg/L	5	2/21/2020
Nickel	0.022	0.010		mg/L	5	2/21/2020
Selenium	ND	0.010		mg/L	5	2/21/2020
Silver	ND	0.010		mg/L	5	2/21/2020
Zinc	0.050	0.050		mg/L	5	2/21/2020
<b>TCLP Mercury</b>	<b>SW1311/7470A</b>		Prep Date: <b>3/6/2020</b>		Analyst: <b>JG</b>	
Mercury	ND	0.00020		mg/L	1	3/7/2020
<b>SPLP Mercury</b>	<b>SW1312/7470A</b>		Prep Date: <b>2/24/2020</b>		Analyst: <b>LB</b>	
Mercury	ND	0.00020		mg/L	1	2/27/2020
<b>Mercury</b>	<b>SW7471B</b>		Prep Date: <b>3/10/2020</b>		Analyst: <b>LB</b>	
Mercury	0.033	0.019		mg/Kg-dry	1	3/11/2020
<b>pH (25 °C)</b>	<b>SW9045C</b>		Prep Date: <b>2/25/2020</b>		Analyst: <b>FN</b>	
pH	8.19			pH Units	1	2/25/2020
<b>Percent Moisture</b>	<b>D2974</b>		Prep Date: <b>2/19/2020</b>		Analyst: <b>FN</b>	
Percent Moisture	14.5	0.2	*	wt%	1	2/20/2020

**Qualifiers:**

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

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

**STAT Analysis Corporation**

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

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

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

Date Reported: March 12, 2020

Date Printed: March 12, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-8-02 (5-10)

Work Order: 20020495 Revision 0

Collection Date: 2/17/2020 11:12:00 AM

Project: 81.0220509.75, WO #37, Elk Grove

Matrix: Soil

Lab ID: 20020495-015

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Volatile Organic Compounds by GC/MS</b>		<b>SW5035/8260B</b>		Prep Date: 2/19/2020		Analyst: JDT
Acetone	ND	0.068		mg/Kg-dry	1	2/25/2020
Benzene	ND	0.0045		mg/Kg-dry	1	2/25/2020
Bromodichloromethane	ND	0.0045		mg/Kg-dry	1	2/25/2020
Bromoform	ND	0.0045		mg/Kg-dry	1	2/25/2020
Bromomethane	ND	0.0091		mg/Kg-dry	1	2/25/2020
2-Butanone	ND	0.068		mg/Kg-dry	1	2/25/2020
Carbon disulfide	ND	0.045		mg/Kg-dry	1	2/25/2020
Carbon tetrachloride	ND	0.0045		mg/Kg-dry	1	2/25/2020
Chlorobenzene	ND	0.0045		mg/Kg-dry	1	2/25/2020
Chloroethane	ND	0.0091		mg/Kg-dry	1	2/25/2020
Chloroform	ND	0.0045		mg/Kg-dry	1	2/25/2020
Chloromethane	ND	0.0091		mg/Kg-dry	1	2/25/2020
Dibromochloromethane	ND	0.0045		mg/Kg-dry	1	2/25/2020
1,1-Dichloroethane	ND	0.0045		mg/Kg-dry	1	2/25/2020
1,2-Dichloroethane	ND	0.0045		mg/Kg-dry	1	2/25/2020
1,1-Dichloroethene	ND	0.0045		mg/Kg-dry	1	2/25/2020
cis-1,2-Dichloroethene	ND	0.0045		mg/Kg-dry	1	2/25/2020
trans-1,2-Dichloroethene	ND	0.0045		mg/Kg-dry	1	2/25/2020
1,2-Dichloropropane	ND	0.0045		mg/Kg-dry	1	2/25/2020
cis-1,3-Dichloropropene	ND	0.0018		mg/Kg-dry	1	2/25/2020
trans-1,3-Dichloropropene	ND	0.0018		mg/Kg-dry	1	2/25/2020
Ethylbenzene	ND	0.0045		mg/Kg-dry	1	2/25/2020
2-Hexanone	ND	0.018		mg/Kg-dry	1	2/25/2020
4-Methyl-2-pentanone	ND	0.018		mg/Kg-dry	1	2/25/2020
Methylene chloride	ND	0.0091		mg/Kg-dry	1	2/25/2020
Methyl tert-butyl ether	ND	0.0045		mg/Kg-dry	1	2/25/2020
Styrene	ND	0.0045		mg/Kg-dry	1	2/25/2020
1,1,2,2-Tetrachloroethane	ND	0.0045		mg/Kg-dry	1	2/25/2020
Tetrachloroethene	ND	0.0045		mg/Kg-dry	1	2/25/2020
Toluene	ND	0.0045		mg/Kg-dry	1	2/25/2020
1,1,1-Trichloroethane	ND	0.0045		mg/Kg-dry	1	2/25/2020
1,1,2-Trichloroethane	ND	0.0045		mg/Kg-dry	1	2/25/2020
Trichloroethene	ND	0.0045		mg/Kg-dry	1	2/25/2020
Vinyl chloride	ND	0.0045		mg/Kg-dry	1	2/25/2020
Xylenes, Total	ND	0.014		mg/Kg-dry	1	2/25/2020
<b>Semivolatile Organic Compounds by GC/MS</b>		<b>SW8270D (SW3550B)</b>		Prep Date: 2/20/2020		Analyst: DM
Acenaphthene	ND	0.038		mg/Kg-dry	1	2/21/2020
Acenaphthylene	ND	0.038		mg/Kg-dry	1	2/21/2020

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

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



**STAT Analysis Corporation**

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

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

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

Date Reported: March 12, 2020

Date Printed: March 12, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-8-02 (5-10)

Work Order: 20020495 Revision 0

Collection Date: 2/17/2020 11:12:00 AM

Project: 81.0220509.75, WO #37, Elk Grove

Matrix: Soil

Lab ID: 20020495-015

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Semivolatile Organic Compounds by GC/MS</b>	<b>SW8270D (SW3550B)</b>				Prep Date: 2/20/2020	Analyst: DM
Aniline	ND	0.39		mg/Kg-dry	1	2/21/2020
Anthracene	ND	0.038		mg/Kg-dry	1	2/21/2020
Benz(a)anthracene	ND	0.038		mg/Kg-dry	1	2/21/2020
Benzidine	ND	0.38		mg/Kg-dry	1	2/21/2020
Benzo(a)pyrene	ND	0.038		mg/Kg-dry	1	2/21/2020
Benzo(b)fluoranthene	ND	0.038		mg/Kg-dry	1	2/21/2020
Benzo(g,h,i)perylene	ND	0.038		mg/Kg-dry	1	2/21/2020
Benzo(k)fluoranthene	ND	0.038		mg/Kg-dry	1	2/21/2020
Benzoic acid	ND	0.96		mg/Kg-dry	1	2/21/2020
Benzyl alcohol	ND	0.20		mg/Kg-dry	1	2/21/2020
Bis(2-chloroethoxy)methane	ND	0.20		mg/Kg-dry	1	2/21/2020
Bis(2-chloroethyl)ether	ND	0.20		mg/Kg-dry	1	2/21/2020
Bis(2-ethylhexyl)phthalate	ND	0.96		mg/Kg-dry	1	2/21/2020
4-Bromophenyl phenyl ether	ND	0.20		mg/Kg-dry	1	2/21/2020
Butyl benzyl phthalate	ND	0.20		mg/Kg-dry	1	2/21/2020
Carbazole	ND	0.20		mg/Kg-dry	1	2/21/2020
4-Chloroaniline	ND	0.20		mg/Kg-dry	1	2/21/2020
4-Chloro-3-methylphenol	ND	0.38		mg/Kg-dry	1	2/21/2020
2-Chloronaphthalene	ND	0.20		mg/Kg-dry	1	2/21/2020
2-Chlorophenol	ND	0.20		mg/Kg-dry	1	2/21/2020
4-Chlorophenyl phenyl ether	ND	0.20		mg/Kg-dry	1	2/21/2020
Chrysene	ND	0.038		mg/Kg-dry	1	2/21/2020
Dibenz(a,h)anthracene	ND	0.038		mg/Kg-dry	1	2/21/2020
Dibenzofuran	ND	0.20		mg/Kg-dry	1	2/21/2020
1,2-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	2/21/2020
1,3-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	2/21/2020
1,4-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	2/21/2020
3,3'-Dichlorobenzidine	ND	0.20		mg/Kg-dry	1	2/21/2020
2,4-Dichlorophenol	ND	0.20		mg/Kg-dry	1	2/21/2020
Diethyl phthalate	ND	0.20		mg/Kg-dry	1	2/21/2020
2,4-Dimethylphenol	ND	0.20		mg/Kg-dry	1	2/21/2020
Dimethyl phthalate	ND	0.20		mg/Kg-dry	1	2/21/2020
4,6-Dinitro-2-methylphenol	ND	0.38		mg/Kg-dry	1	2/21/2020
2,4-Dinitrophenol	ND	0.96		mg/Kg-dry	1	2/21/2020
2,4-Dinitrotoluene	ND	0.038		mg/Kg-dry	1	2/21/2020
2,6-Dinitrotoluene	ND	0.038		mg/Kg-dry	1	2/21/2020
Di-n-butyl phthalate	ND	0.20		mg/Kg-dry	1	2/21/2020
Di-n-octyl phthalate	ND	0.20		mg/Kg-dry	1	2/21/2020

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers: J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded

**STAT Analysis Corporation**

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

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

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

Date Reported: March 12, 2020

Date Printed: March 12, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-8-02 (5-10)

Work Order: 20020495 Revision 0

Collection Date: 2/17/2020 11:12:00 AM

Project: 81.0220509.75, WO #37, Elk Grove

Matrix: Soil

Lab ID: 20020495-015

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Semivolatile Organic Compounds by GC/MS</b>						
	<b>SW8270D (SW3550B)</b>		Prep Date: <b>2/20/2020</b>		Analyst: <b>DM</b>	
Fluoranthene	ND	0.038		mg/Kg-dry	1	2/21/2020
Fluorene	ND	0.038		mg/Kg-dry	1	2/21/2020
Hexachlorobenzene	ND	0.20		mg/Kg-dry	1	2/21/2020
Hexachlorobutadiene	ND	0.20		mg/Kg-dry	1	2/21/2020
Hexachlorocyclopentadiene	ND	0.20		mg/Kg-dry	1	2/21/2020
Hexachloroethane	ND	0.20		mg/Kg-dry	1	2/21/2020
Indeno(1,2,3-cd)pyrene	ND	0.038		mg/Kg-dry	1	2/21/2020
Isophorone	ND	0.20		mg/Kg-dry	1	2/21/2020
2-Methylnaphthalene	ND	0.20		mg/Kg-dry	1	2/21/2020
2-Methylphenol	ND	0.20		mg/Kg-dry	1	2/21/2020
4-Methylphenol	ND	0.20		mg/Kg-dry	1	2/21/2020
Naphthalene	ND	0.038		mg/Kg-dry	1	2/21/2020
2-Nitroaniline	ND	0.20		mg/Kg-dry	1	2/21/2020
3-Nitroaniline	ND	0.20		mg/Kg-dry	1	2/21/2020
4-Nitroaniline	ND	0.20		mg/Kg-dry	1	2/21/2020
2-Nitrophenol	ND	0.20		mg/Kg-dry	1	2/21/2020
4-Nitrophenol	ND	0.38		mg/Kg-dry	1	2/21/2020
Nitrobenzene	ND	0.038		mg/Kg-dry	1	2/21/2020
N-Nitrosodi-n-propylamine	ND	0.038		mg/Kg-dry	1	2/21/2020
N-Nitrosodimethylamine	ND	0.20		mg/Kg-dry	1	2/21/2020
N-Nitrosodiphenylamine	ND	0.038		mg/Kg-dry	1	2/21/2020
2, 2'-oxybis(1-Chloropropane)	ND	0.20		mg/Kg-dry	1	2/21/2020
Pentachlorophenol	ND	0.038		mg/Kg-dry	1	2/21/2020
Phenanthrene	ND	0.038		mg/Kg-dry	1	2/21/2020
Phenol	ND	0.20		mg/Kg-dry	1	2/21/2020
Pyrene	ND	0.038		mg/Kg-dry	1	2/21/2020
Pyridine	ND	0.78		mg/Kg-dry	1	2/21/2020
1,2,4-Trichlorobenzene	ND	0.20		mg/Kg-dry	1	2/21/2020
2,4,5-Trichlorophenol	ND	0.20		mg/Kg-dry	1	2/21/2020
2,4,6-Trichlorophenol	ND	0.20		mg/Kg-dry	1	2/21/2020
<b>Metals by ICP/MS</b>						
	<b>SW6020A (SW3050B)</b>		Prep Date: <b>2/24/2020</b>		Analyst: <b>JG</b>	
Antimony	ND	1.9		mg/Kg-dry	10	2/24/2020
Arsenic	8.2	0.97		mg/Kg-dry	10	2/24/2020
Barium	35	0.97		mg/Kg-dry	10	2/24/2020
Beryllium	0.60	0.49		mg/Kg-dry	10	2/24/2020
Cadmium	ND	0.49		mg/Kg-dry	10	2/24/2020
Calcium	70000	58		mg/Kg-dry	10	2/24/2020
Chromium	19	0.97		mg/Kg-dry	10	2/24/2020

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers: J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded

**STAT Analysis Corporation**

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

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

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

Date Reported: March 12, 2020

Date Printed: March 12, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-8-02 (5-10)

Work Order: 20020495 Revision 0

Collection Date: 2/17/2020 11:12:00 AM

Project: 81.0220509.75, WO #37, Elk Grove

Matrix: Soil

Lab ID: 20020495-015

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Metals by ICP/MS</b>		<b>SW6020A (SW3050B)</b>		Prep Date: <b>2/24/2020</b>		Analyst: <b>JG</b>
Cobalt	12	0.97		mg/Kg-dry	10	2/24/2020
Copper	24	2.4		mg/Kg-dry	10	2/24/2020
Iron	22000	29		mg/Kg-dry	10	2/24/2020
Lead	12	0.49		mg/Kg-dry	10	2/24/2020
Magnesium	34000	29		mg/Kg-dry	10	2/24/2020
Manganese	610	0.97		mg/Kg-dry	10	2/24/2020
Nickel	35	0.97		mg/Kg-dry	10	2/24/2020
Potassium	2400	29		mg/Kg-dry	10	2/24/2020
Selenium	ND	0.97		mg/Kg-dry	10	2/24/2020
Silver	ND	0.97		mg/Kg-dry	10	2/24/2020
Sodium	830	58		mg/Kg-dry	10	2/24/2020
Thallium	ND	0.97		mg/Kg-dry	10	2/24/2020
Vanadium	22	0.97		mg/Kg-dry	10	2/24/2020
Zinc	51	4.9		mg/Kg-dry	10	2/24/2020
<b>SPLP Metals by ICP/MS</b>		<b>SW1312/6020A (SW3005A)</b>		Prep Date: <b>2/20/2020</b>		Analyst: <b>MDT</b>
Arsenic	ND	0.0040		mg/L	2	2/21/2020
Barium	0.021	0.020		mg/L	2	2/21/2020
Beryllium	ND	0.0020		mg/L	2	2/21/2020
Cadmium	ND	0.0020		mg/L	2	2/21/2020
Chromium	0.0063	0.0040		mg/L	2	2/21/2020
Cobalt	ND	0.0040		mg/L	2	2/21/2020
Copper	ND	0.040		mg/L	2	2/21/2020
Iron	3.7	0.10		mg/L	2	2/21/2020
Lead	ND	0.0020		mg/L	2	2/21/2020
Manganese	0.017	0.0040		mg/L	2	2/21/2020
Nickel	ND	0.0040		mg/L	2	2/21/2020
Selenium	ND	0.0040		mg/L	2	2/21/2020
Silver	ND	0.0040		mg/L	2	2/21/2020
Zinc	ND	0.020		mg/L	2	2/21/2020
<b>TCLP Metals by ICP/MS</b>		<b>SW1311/6020A (SW3005A)</b>		Prep Date: <b>2/21/2020</b>		Analyst: <b>MDT</b>
Arsenic	ND	0.010		mg/L	5	2/21/2020
Barium	0.34	0.050		mg/L	5	2/21/2020
Beryllium	ND	0.0050		mg/L	5	2/21/2020
Cadmium	ND	0.0050		mg/L	5	2/21/2020
Chromium	ND	0.010		mg/L	5	2/21/2020
Cobalt	ND	0.010		mg/L	5	2/21/2020
Copper	ND	0.10		mg/L	5	2/21/2020

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers: J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded

**STAT Analysis Corporation**

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

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

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

Date Reported: March 12, 2020

Date Printed: March 12, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Work Order: 20020495 Revision 0

Project: 81.0220509.75, WO #37, Elk Grove

Lab ID: 20020495-015

Client Sample ID: 2360V2-8-02 (5-10)

Collection Date: 2/17/2020 11:12:00 AM

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>TCLP Metals by ICP/MS</b>	<b>SW1311/6020A (SW3005A)</b>			Prep Date: <b>2/21/2020</b>		Analyst: <b>MDT</b>
Iron	ND	0.25		mg/L	5	2/21/2020
Lead	ND	0.0050		mg/L	5	2/21/2020
Manganese	1.3	0.010		mg/L	5	2/21/2020
Nickel	ND	0.010		mg/L	5	2/21/2020
Selenium	ND	0.010		mg/L	5	2/21/2020
Silver	ND	0.010		mg/L	5	2/21/2020
Zinc	ND	0.050		mg/L	5	2/21/2020
<b>TCLP Mercury</b>	<b>SW1311/7470A</b>			Prep Date: <b>3/6/2020</b>		Analyst: <b>JG</b>
Mercury	ND	0.00020		mg/L	1	3/7/2020
<b>SPLP Mercury</b>	<b>SW1312/7470A</b>			Prep Date: <b>2/24/2020</b>		Analyst: <b>LB</b>
Mercury	ND	0.00020		mg/L	1	2/27/2020
<b>Mercury</b>	<b>SW7471B</b>			Prep Date: <b>3/10/2020</b>		Analyst: <b>LB</b>
Mercury	ND	0.021		mg/Kg-dry	1	3/11/2020
<b>pH (25 °C)</b>	<b>SW9045C</b>			Prep Date: <b>2/25/2020</b>		Analyst: <b>FN</b>
pH	8.13			pH Units	1	2/25/2020
<b>Percent Moisture</b>	<b>D2974</b>			Prep Date: <b>2/19/2020</b>		Analyst: <b>FN</b>
Percent Moisture	13.7	0.2	*	wt%	1	2/20/2020

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

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

**STAT Analysis Corporation**

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

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

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

Date Reported: March 12, 2020

Date Printed: March 12, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-8-02 (10-12)

Work Order: 20020495 Revision 0

Collection Date: 2/17/2020 11:15:00 AM

Project: 81.0220509.75, WO #37, Elk Grove

Matrix: Soil

Lab ID: 20020495-016

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Volatile Organic Compounds by GC/MS</b>		<b>SW5035/8260B</b>		Prep Date: <b>2/19/2020</b>		Analyst: <b>CBG</b>
Acetone	ND	0.075		mg/Kg-dry	1	2/25/2020
Benzene	ND	0.0050		mg/Kg-dry	1	2/25/2020
Bromodichloromethane	ND	0.0050		mg/Kg-dry	1	2/25/2020
Bromoform	ND	0.0050		mg/Kg-dry	1	2/25/2020
Bromomethane	ND	0.010		mg/Kg-dry	1	2/25/2020
2-Butanone	ND	0.075		mg/Kg-dry	1	2/25/2020
Carbon disulfide	ND	0.050		mg/Kg-dry	1	2/25/2020
Carbon tetrachloride	ND	0.0050		mg/Kg-dry	1	2/25/2020
Chlorobenzene	ND	0.0050		mg/Kg-dry	1	2/25/2020
Chloroethane	ND	0.010		mg/Kg-dry	1	2/25/2020
Chloroform	ND	0.0050		mg/Kg-dry	1	2/25/2020
Chloromethane	ND	0.010		mg/Kg-dry	1	2/25/2020
Dibromochloromethane	ND	0.0050		mg/Kg-dry	1	2/25/2020
1,1-Dichloroethane	ND	0.0050		mg/Kg-dry	1	2/25/2020
1,2-Dichloroethane	ND	0.0050		mg/Kg-dry	1	2/25/2020
1,1-Dichloroethene	ND	0.0050		mg/Kg-dry	1	2/25/2020
cis-1,2-Dichloroethene	ND	0.0050		mg/Kg-dry	1	2/25/2020
trans-1,2-Dichloroethene	ND	0.0050		mg/Kg-dry	1	2/25/2020
1,2-Dichloropropane	ND	0.0050		mg/Kg-dry	1	2/25/2020
cis-1,3-Dichloropropene	ND	0.0020		mg/Kg-dry	1	2/25/2020
trans-1,3-Dichloropropene	ND	0.0020		mg/Kg-dry	1	2/25/2020
Ethylbenzene	ND	0.0050		mg/Kg-dry	1	2/25/2020
2-Hexanone	ND	0.020		mg/Kg-dry	1	2/25/2020
4-Methyl-2-pentanone	ND	0.020		mg/Kg-dry	1	2/25/2020
Methylene chloride	ND	0.010		mg/Kg-dry	1	2/25/2020
Methyl tert-butyl ether	ND	0.0050		mg/Kg-dry	1	2/25/2020
Styrene	ND	0.0050		mg/Kg-dry	1	2/25/2020
1,1,2,2-Tetrachloroethane	ND	0.0050		mg/Kg-dry	1	2/25/2020
Tetrachloroethene	ND	0.0050		mg/Kg-dry	1	2/25/2020
Toluene	ND	0.0050		mg/Kg-dry	1	2/25/2020
1,1,1-Trichloroethane	ND	0.0050		mg/Kg-dry	1	2/25/2020
1,1,2-Trichloroethane	ND	0.0050		mg/Kg-dry	1	2/25/2020
Trichloroethene	ND	0.0050		mg/Kg-dry	1	2/25/2020
Vinyl chloride	ND	0.0050		mg/Kg-dry	1	2/25/2020
Xylenes, Total	ND	0.015		mg/Kg-dry	1	2/25/2020
<b>Semivolatile Organic Compounds by GC/MS</b>		<b>SW8270D (SW3550B)</b>		Prep Date: <b>2/20/2020</b>		Analyst: <b>DM</b>
Acenaphthene	ND	0.038		mg/Kg-dry	1	2/21/2020
Acenaphthylene	ND	0.038		mg/Kg-dry	1	2/21/2020

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

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

**STAT Analysis Corporation**

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

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

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

Date Reported: March 12, 2020

Date Printed: March 12, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-8-02 (10-12)

Work Order: 20020495 Revision 0

Collection Date: 2/17/2020 11:15:00 AM

Project: 81.0220509.75, WO #37, Elk Grove

Matrix: Soil

Lab ID: 20020495-016

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Semivolatile Organic Compounds by GC/MS</b>	<b>SW8270D (SW3550B)</b>				Prep Date: 2/20/2020	Analyst: DM
Aniline	ND	0.39		mg/Kg-dry	1	2/21/2020
Anthracene	ND	0.038		mg/Kg-dry	1	2/21/2020
Benz(a)anthracene	ND	0.038		mg/Kg-dry	1	2/21/2020
Benzidine	ND	0.38		mg/Kg-dry	1	2/21/2020
Benzo(a)pyrene	ND	0.038		mg/Kg-dry	1	2/21/2020
Benzo(b)fluoranthene	ND	0.038		mg/Kg-dry	1	2/21/2020
Benzo(g,h,i)perylene	ND	0.038		mg/Kg-dry	1	2/21/2020
Benzo(k)fluoranthene	ND	0.038		mg/Kg-dry	1	2/21/2020
Benzoic acid	ND	0.96		mg/Kg-dry	1	2/21/2020
Benzyl alcohol	ND	0.20		mg/Kg-dry	1	2/21/2020
Bis(2-chloroethoxy)methane	ND	0.20		mg/Kg-dry	1	2/21/2020
Bis(2-chloroethyl)ether	ND	0.20		mg/Kg-dry	1	2/21/2020
Bis(2-ethylhexyl)phthalate	ND	0.96		mg/Kg-dry	1	2/21/2020
4-Bromophenyl phenyl ether	ND	0.20		mg/Kg-dry	1	2/21/2020
Butyl benzyl phthalate	ND	0.20		mg/Kg-dry	1	2/21/2020
Carbazole	ND	0.20		mg/Kg-dry	1	2/21/2020
4-Chloroaniline	ND	0.20		mg/Kg-dry	1	2/21/2020
4-Chloro-3-methylphenol	ND	0.38		mg/Kg-dry	1	2/21/2020
2-Chloronaphthalene	ND	0.20		mg/Kg-dry	1	2/21/2020
2-Chlorophenol	ND	0.20		mg/Kg-dry	1	2/21/2020
4-Chlorophenyl phenyl ether	ND	0.20		mg/Kg-dry	1	2/21/2020
Chrysene	ND	0.038		mg/Kg-dry	1	2/21/2020
Dibenz(a,h)anthracene	ND	0.038		mg/Kg-dry	1	2/21/2020
Dibenzofuran	ND	0.20		mg/Kg-dry	1	2/21/2020
1,2-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	2/21/2020
1,3-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	2/21/2020
1,4-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	2/21/2020
3,3'-Dichlorobenzidine	ND	0.20		mg/Kg-dry	1	2/21/2020
2,4-Dichlorophenol	ND	0.20		mg/Kg-dry	1	2/21/2020
Diethyl phthalate	ND	0.20		mg/Kg-dry	1	2/21/2020
2,4-Dimethylphenol	ND	0.20		mg/Kg-dry	1	2/21/2020
Dimethyl phthalate	ND	0.20		mg/Kg-dry	1	2/21/2020
4,6-Dinitro-2-methylphenol	ND	0.38		mg/Kg-dry	1	2/21/2020
2,4-Dinitrophenol	ND	0.96		mg/Kg-dry	1	2/21/2020
2,4-Dinitrotoluene	ND	0.038		mg/Kg-dry	1	2/21/2020
2,6-Dinitrotoluene	ND	0.038		mg/Kg-dry	1	2/21/2020
Di-n-butyl phthalate	ND	0.20		mg/Kg-dry	1	2/21/2020
Di-n-octyl phthalate	ND	0.20		mg/Kg-dry	1	2/21/2020

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers: J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded

**STAT Analysis Corporation**

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

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

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

Date Reported: March 12, 2020

Date Printed: March 12, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-8-02 (10-12)

Work Order: 20020495 Revision 0

Collection Date: 2/17/2020 11:15:00 AM

Project: 81.0220509.75, WO #37, Elk Grove

Matrix: Soil

Lab ID: 20020495-016

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
----------	--------	----	-----------	-------	----	---------------

Semivolatile Organic Compounds by GC/MS	SW8270D (SW3550B)				Prep Date: 2/20/2020	Analyst: DM
---	-------------------	--	--	--	----------------------	-------------

Fluoranthene	ND	0.038		mg/Kg-dry	1	2/21/2020
Fluorene	ND	0.038		mg/Kg-dry	1	2/21/2020
Hexachlorobenzene	ND	0.20		mg/Kg-dry	1	2/21/2020
Hexachlorobutadiene	ND	0.20		mg/Kg-dry	1	2/21/2020
Hexachlorocyclopentadiene	ND	0.20		mg/Kg-dry	1	2/21/2020
Hexachloroethane	ND	0.20		mg/Kg-dry	1	2/21/2020
Indeno(1,2,3-cd)pyrene	ND	0.038		mg/Kg-dry	1	2/21/2020
Isophorone	ND	0.20		mg/Kg-dry	1	2/21/2020
2-Methylnaphthalene	ND	0.20		mg/Kg-dry	1	2/21/2020
2-Methylphenol	ND	0.20		mg/Kg-dry	1	2/21/2020
4-Methylphenol	ND	0.20		mg/Kg-dry	1	2/21/2020
Naphthalene	ND	0.038		mg/Kg-dry	1	2/21/2020
2-Nitroaniline	ND	0.20		mg/Kg-dry	1	2/21/2020
3-Nitroaniline	ND	0.20		mg/Kg-dry	1	2/21/2020
4-Nitroaniline	ND	0.20		mg/Kg-dry	1	2/21/2020
2-Nitrophenol	ND	0.20		mg/Kg-dry	1	2/21/2020
4-Nitrophenol	ND	0.38		mg/Kg-dry	1	2/21/2020
Nitrobenzene	ND	0.038		mg/Kg-dry	1	2/21/2020
N-Nitrosodi-n-propylamine	ND	0.038		mg/Kg-dry	1	2/21/2020
N-Nitrosodimethylamine	ND	0.20		mg/Kg-dry	1	2/21/2020
N-Nitrosodiphenylamine	ND	0.038		mg/Kg-dry	1	2/21/2020
2, 2'-oxybis(1-Chloropropane)	ND	0.20		mg/Kg-dry	1	2/21/2020
Pentachlorophenol	ND	0.038		mg/Kg-dry	1	2/21/2020
Phenanthrene	ND	0.038		mg/Kg-dry	1	2/21/2020
Phenol	ND	0.20		mg/Kg-dry	1	2/21/2020
Pyrene	ND	0.038		mg/Kg-dry	1	2/21/2020
Pyridine	ND	0.78		mg/Kg-dry	1	2/21/2020
1,2,4-Trichlorobenzene	ND	0.20		mg/Kg-dry	1	2/21/2020
2,4,5-Trichlorophenol	ND	0.20		mg/Kg-dry	1	2/21/2020
2,4,6-Trichlorophenol	ND	0.20		mg/Kg-dry	1	2/21/2020

Metals by ICP/MS	SW6020A (SW3050B)				Prep Date: 2/24/2020	Analyst: JG
------------------	-------------------	--	--	--	----------------------	-------------

Antimony	ND	2.0		mg/Kg-dry	10	2/24/2020
Arsenic	4.3	1.0		mg/Kg-dry	10	2/24/2020
Barium	40	1.0		mg/Kg-dry	10	2/24/2020
Beryllium	0.59	0.51		mg/Kg-dry	10	2/24/2020
Cadmium	ND	0.51		mg/Kg-dry	10	2/24/2020
Calcium	67000	61		mg/Kg-dry	10	2/24/2020
Chromium	20	1.0		mg/Kg-dry	10	2/24/2020

**Qualifiers:**  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 HT - Sample received past holding time  
 \* - Non-accredited parameter

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

**STAT Analysis Corporation**

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

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

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

Date Reported: March 12, 2020

Date Printed: March 12, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-8-02 (10-12)

Work Order: 20020495 Revision 0

Collection Date: 2/17/2020 11:15:00 AM

Project: 81.0220509.75, WO #37, Elk Grove

Matrix: Soil

Lab ID: 20020495-016

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Metals by ICP/MS</b>						
	<b>SW6020A (SW3050B)</b>			Prep Date: 2/24/2020		Analyst: JG
Cobalt	9.7	1.0		mg/Kg-dry	10	2/24/2020
Copper	21	2.6		mg/Kg-dry	10	2/24/2020
Iron	20000	31		mg/Kg-dry	10	2/24/2020
Lead	12	0.51		mg/Kg-dry	10	2/24/2020
Magnesium	33000	31		mg/Kg-dry	10	2/24/2020
Manganese	380	1.0		mg/Kg-dry	10	2/24/2020
Nickel	29	1.0		mg/Kg-dry	10	2/24/2020
Potassium	2500	31		mg/Kg-dry	10	2/24/2020
Selenium	ND	1.0		mg/Kg-dry	10	2/24/2020
Silver	ND	1.0		mg/Kg-dry	10	2/24/2020
Sodium	450	61		mg/Kg-dry	10	2/24/2020
Thallium	ND	1.0		mg/Kg-dry	10	2/24/2020
Vanadium	22	1.0		mg/Kg-dry	10	2/24/2020
Zinc	52	5.1		mg/Kg-dry	10	2/24/2020
<b>SPLP Metals by ICP/MS</b>						
	<b>SW1312/6020A (SW3005A)</b>			Prep Date: 2/20/2020		Analyst: MDT
Arsenic	ND	0.0040		mg/L	2	2/21/2020
Barium	ND	0.020		mg/L	2	2/21/2020
Beryllium	ND	0.0020		mg/L	2	2/21/2020
Cadmium	ND	0.0020		mg/L	2	2/21/2020
Chromium	0.0042	0.0040		mg/L	2	2/21/2020
Cobalt	ND	0.0040		mg/L	2	2/21/2020
Copper	ND	0.040		mg/L	2	2/21/2020
Iron	1.7	0.10		mg/L	2	2/21/2020
Lead	ND	0.0020		mg/L	2	2/21/2020
Manganese	0.012	0.0040		mg/L	2	2/21/2020
Nickel	ND	0.0040		mg/L	2	2/21/2020
Selenium	ND	0.0040		mg/L	2	2/21/2020
Silver	ND	0.0040		mg/L	2	2/21/2020
Zinc	ND	0.020		mg/L	2	2/21/2020
<b>TCLP Metals by ICP/MS</b>						
	<b>SW1311/6020A (SW3005A)</b>			Prep Date: 2/21/2020		Analyst: MDT
Arsenic	ND	0.010		mg/L	5	2/21/2020
Barium	0.64	0.050		mg/L	5	2/21/2020
Beryllium	ND	0.0050		mg/L	5	2/21/2020
Cadmium	ND	0.0050		mg/L	5	2/21/2020
Chromium	ND	0.010		mg/L	5	2/21/2020
Cobalt	0.034	0.010		mg/L	5	2/21/2020
Copper	ND	0.10		mg/L	5	2/21/2020

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers: J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded



**STAT Analysis Corporation**

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

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

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

Date Reported: March 12, 2020

Date Printed: March 12, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Work Order: 20020495 Revision 0

Project: 81.0220509.75, WO #37, Elk Grove

Lab ID: 20020495-016

Client Sample ID: 2360V2-8-02 (10-12)

Collection Date: 2/17/2020 11:15:00 AM

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>TCLP Metals by ICP/MS</b>	<b>SW1311/6020A (SW3005A)</b>		Prep Date: <b>2/21/2020</b>		Analyst: <b>MDT</b>	
Iron	ND	0.25		mg/L	5	2/21/2020
Lead	ND	0.0050		mg/L	5	2/21/2020
Manganese	2.0	0.010		mg/L	5	2/21/2020
Nickel	0.059	0.010		mg/L	5	2/21/2020
Selenium	ND	0.010		mg/L	5	2/21/2020
Silver	ND	0.010		mg/L	5	2/21/2020
Zinc	ND	0.050		mg/L	5	2/21/2020
<b>TCLP Mercury</b>	<b>SW1311/7470A</b>		Prep Date: <b>3/6/2020</b>		Analyst: <b>JG</b>	
Mercury	ND	0.00020		mg/L	1	3/7/2020
<b>SPLP Mercury</b>	<b>SW1312/7470A</b>		Prep Date: <b>2/24/2020</b>		Analyst: <b>LB</b>	
Mercury	ND	0.00020		mg/L	1	2/27/2020
<b>Mercury</b>	<b>SW7471B</b>		Prep Date: <b>3/10/2020</b>		Analyst: <b>LB</b>	
Mercury	0.019	0.019		mg/Kg-dry	1	3/11/2020
<b>pH (25 °C)</b>	<b>SW9045C</b>		Prep Date: <b>2/25/2020</b>		Analyst: <b>FN</b>	
pH	8.17			pH Units	1	2/25/2020
<b>Percent Moisture</b>	<b>D2974</b>		Prep Date: <b>2/19/2020</b>		Analyst: <b>FN</b>	
Percent Moisture	15.6	0.2	*	wt%	1	2/20/2020

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

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

**STAT Analysis Corporation**

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

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

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

Date Reported: March 12, 2020

Date Printed: March 12, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-12-02 (0-2)

Work Order: 20020495 Revision 0

Collection Date: 2/17/2020 1:22:00 PM

Project: 81.0220509.75, WO #37, Elk Grove

Matrix: Soil

Lab ID: 20020495-026

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Volatile Organic Compounds by GC/MS</b>		<b>SW5035/8260B</b>		Prep Date: <b>2/19/2020</b>		Analyst: <b>JDT</b>
Acetone	ND	0.081		mg/Kg-dry	1	2/25/2020
Benzene	ND	0.0054		mg/Kg-dry	1	2/25/2020
Bromodichloromethane	ND	0.0054		mg/Kg-dry	1	2/25/2020
Bromoform	ND	0.0054		mg/Kg-dry	1	2/25/2020
Bromomethane	ND	0.011		mg/Kg-dry	1	2/25/2020
2-Butanone	ND	0.081		mg/Kg-dry	1	2/25/2020
Carbon disulfide	ND	0.054		mg/Kg-dry	1	2/25/2020
Carbon tetrachloride	ND	0.0054		mg/Kg-dry	1	2/25/2020
Chlorobenzene	ND	0.0054		mg/Kg-dry	1	2/25/2020
Chloroethane	ND	0.011		mg/Kg-dry	1	2/25/2020
Chloroform	ND	0.0054		mg/Kg-dry	1	2/25/2020
Chloromethane	ND	0.011		mg/Kg-dry	1	2/25/2020
Dibromochloromethane	ND	0.0054		mg/Kg-dry	1	2/25/2020
1,1-Dichloroethane	ND	0.0054		mg/Kg-dry	1	2/25/2020
1,2-Dichloroethane	ND	0.0054		mg/Kg-dry	1	2/25/2020
1,1-Dichloroethene	ND	0.0054		mg/Kg-dry	1	2/25/2020
cis-1,2-Dichloroethene	ND	0.0054		mg/Kg-dry	1	2/25/2020
trans-1,2-Dichloroethene	ND	0.0054		mg/Kg-dry	1	2/25/2020
1,2-Dichloropropane	ND	0.0054		mg/Kg-dry	1	2/25/2020
cis-1,3-Dichloropropene	ND	0.0022		mg/Kg-dry	1	2/25/2020
trans-1,3-Dichloropropene	ND	0.0022		mg/Kg-dry	1	2/25/2020
Ethylbenzene	ND	0.0054		mg/Kg-dry	1	2/25/2020
2-Hexanone	ND	0.022		mg/Kg-dry	1	2/25/2020
4-Methyl-2-pentanone	ND	0.022		mg/Kg-dry	1	2/25/2020
Methylene chloride	ND	0.011		mg/Kg-dry	1	2/25/2020
Methyl tert-butyl ether	ND	0.0054		mg/Kg-dry	1	2/25/2020
Styrene	ND	0.0054		mg/Kg-dry	1	2/25/2020
1,1,2,2-Tetrachloroethane	ND	0.0054		mg/Kg-dry	1	2/25/2020
Tetrachloroethene	ND	0.0054		mg/Kg-dry	1	2/25/2020
Toluene	ND	0.0054		mg/Kg-dry	1	2/25/2020
1,1,1-Trichloroethane	ND	0.0054		mg/Kg-dry	1	2/25/2020
1,1,2-Trichloroethane	ND	0.0054		mg/Kg-dry	1	2/25/2020
Trichloroethene	ND	0.0054		mg/Kg-dry	1	2/25/2020
Vinyl chloride	ND	0.0054		mg/Kg-dry	1	2/25/2020
Xylenes, Total	ND	0.016		mg/Kg-dry	1	2/25/2020
<b>Semivolatile Organic Compounds by GC/MS</b>		<b>SW8270D (SW3550B)</b>		Prep Date: <b>2/20/2020</b>		Analyst: <b>TEM</b>
Acenaphthene	ND	0.041		mg/Kg-dry	1	2/21/2020
Acenaphthylene	ND	0.041		mg/Kg-dry	1	2/21/2020

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

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

**STAT Analysis Corporation**

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

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

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

Date Reported: March 12, 2020

Date Printed: March 12, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-12-02 (0-2)

Work Order: 20020495 Revision 0

Collection Date: 2/17/2020 1:22:00 PM

Project: 81.0220509.75, WO #37, Elk Grove

Matrix: Soil

Lab ID: 20020495-026

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Semivolatile Organic Compounds by GC/MS</b>		<b>SW8270D (SW3550B)</b>		Prep Date: 2/20/2020		Analyst: TEM
Aniline	ND	0.41		mg/Kg-dry	1	2/21/2020
Anthracene	ND	0.041		mg/Kg-dry	1	2/21/2020
Benz(a)anthracene	0.069	0.041		mg/Kg-dry	1	2/21/2020
Benzidine	ND	0.41		mg/Kg-dry	1	2/21/2020
Benzo(a)pyrene	0.069	0.041		mg/Kg-dry	1	2/21/2020
Benzo(b)fluoranthene	0.076	0.041		mg/Kg-dry	1	2/21/2020
Benzo(g,h,i)perylene	0.051	0.041		mg/Kg-dry	1	2/21/2020
Benzo(k)fluoranthene	0.061	0.041		mg/Kg-dry	1	2/21/2020
Benzoic acid	ND	1.0		mg/Kg-dry	1	2/21/2020
Benzyl alcohol	ND	0.21		mg/Kg-dry	1	2/21/2020
Bis(2-chloroethoxy)methane	ND	0.21		mg/Kg-dry	1	2/21/2020
Bis(2-chloroethyl)ether	ND	0.21		mg/Kg-dry	1	2/21/2020
Bis(2-ethylhexyl)phthalate	ND	1.0		mg/Kg-dry	1	2/21/2020
4-Bromophenyl phenyl ether	ND	0.21		mg/Kg-dry	1	2/21/2020
Butyl benzyl phthalate	ND	0.21		mg/Kg-dry	1	2/21/2020
Carbazole	ND	0.21		mg/Kg-dry	1	2/21/2020
4-Chloroaniline	ND	0.21		mg/Kg-dry	1	2/21/2020
4-Chloro-3-methylphenol	ND	0.41		mg/Kg-dry	1	2/21/2020
2-Chloronaphthalene	ND	0.21		mg/Kg-dry	1	2/21/2020
2-Chlorophenol	ND	0.21		mg/Kg-dry	1	2/21/2020
4-Chlorophenyl phenyl ether	ND	0.21		mg/Kg-dry	1	2/21/2020
Chrysene	0.080	0.041		mg/Kg-dry	1	2/21/2020
Dibenz(a,h)anthracene	ND	0.041		mg/Kg-dry	1	2/21/2020
Dibenzofuran	ND	0.21		mg/Kg-dry	1	2/21/2020
1,2-Dichlorobenzene	ND	0.21		mg/Kg-dry	1	2/21/2020
1,3-Dichlorobenzene	ND	0.21		mg/Kg-dry	1	2/21/2020
1,4-Dichlorobenzene	ND	0.21		mg/Kg-dry	1	2/21/2020
3,3'-Dichlorobenzidine	ND	0.21		mg/Kg-dry	1	2/21/2020
2,4-Dichlorophenol	ND	0.21		mg/Kg-dry	1	2/21/2020
Diethyl phthalate	ND	0.21		mg/Kg-dry	1	2/21/2020
2,4-Dimethylphenol	ND	0.21		mg/Kg-dry	1	2/21/2020
Dimethyl phthalate	ND	0.21		mg/Kg-dry	1	2/21/2020
4,6-Dinitro-2-methylphenol	ND	0.41		mg/Kg-dry	1	2/21/2020
2,4-Dinitrophenol	ND	1.0		mg/Kg-dry	1	2/21/2020
2,4-Dinitrotoluene	ND	0.041		mg/Kg-dry	1	2/21/2020
2,6-Dinitrotoluene	ND	0.041		mg/Kg-dry	1	2/21/2020
Di-n-butyl phthalate	ND	0.21		mg/Kg-dry	1	2/21/2020
Di-n-octyl phthalate	ND	0.21		mg/Kg-dry	1	2/21/2020

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

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

**STAT Analysis Corporation**

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

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

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

Date Reported: March 12, 2020

Date Printed: March 12, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-12-02 (0-2)

Work Order: 20020495 Revision 0

Collection Date: 2/17/2020 1:22:00 PM

Project: 81.0220509.75, WO #37, Elk Grove

Matrix: Soil

Lab ID: 20020495-026

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Semivolatile Organic Compounds by GC/MS</b>						
	<b>SW8270D (SW3550B)</b>		Prep Date: <b>2/20/2020</b>		Analyst: <b>TEM</b>	
Fluoranthene	0.15	0.041		mg/Kg-dry	1	2/21/2020
Fluorene	ND	0.041		mg/Kg-dry	1	2/21/2020
Hexachlorobenzene	ND	0.21		mg/Kg-dry	1	2/21/2020
Hexachlorobutadiene	ND	0.21		mg/Kg-dry	1	2/21/2020
Hexachlorocyclopentadiene	ND	0.21		mg/Kg-dry	1	2/21/2020
Hexachloroethane	ND	0.21		mg/Kg-dry	1	2/21/2020
Indeno(1,2,3-cd)pyrene	0.050	0.041		mg/Kg-dry	1	2/21/2020
Isophorone	ND	0.21		mg/Kg-dry	1	2/21/2020
2-Methylnaphthalene	ND	0.21		mg/Kg-dry	1	2/21/2020
2-Methylphenol	ND	0.21		mg/Kg-dry	1	2/21/2020
4-Methylphenol	ND	0.21		mg/Kg-dry	1	2/21/2020
Naphthalene	ND	0.041		mg/Kg-dry	1	2/21/2020
2-Nitroaniline	ND	0.21		mg/Kg-dry	1	2/21/2020
3-Nitroaniline	ND	0.21		mg/Kg-dry	1	2/21/2020
4-Nitroaniline	ND	0.21		mg/Kg-dry	1	2/21/2020
2-Nitrophenol	ND	0.21		mg/Kg-dry	1	2/21/2020
4-Nitrophenol	ND	0.41		mg/Kg-dry	1	2/21/2020
Nitrobenzene	ND	0.041		mg/Kg-dry	1	2/21/2020
N-Nitrosodi-n-propylamine	ND	0.041		mg/Kg-dry	1	2/21/2020
N-Nitrosodimethylamine	ND	0.21		mg/Kg-dry	1	2/21/2020
N-Nitrosodiphenylamine	ND	0.041		mg/Kg-dry	1	2/21/2020
2, 2'-oxybis(1-Chloropropane)	ND	0.21		mg/Kg-dry	1	2/21/2020
Pentachlorophenol	ND	0.041		mg/Kg-dry	1	2/21/2020
Phenanthrene	0.057	0.041		mg/Kg-dry	1	2/21/2020
Phenol	ND	0.21		mg/Kg-dry	1	2/21/2020
Pyrene	0.12	0.041		mg/Kg-dry	1	2/21/2020
Pyridine	ND	0.83		mg/Kg-dry	1	2/21/2020
1,2,4-Trichlorobenzene	ND	0.21		mg/Kg-dry	1	2/21/2020
2,4,5-Trichlorophenol	ND	0.21		mg/Kg-dry	1	2/21/2020
2,4,6-Trichlorophenol	ND	0.21		mg/Kg-dry	1	2/21/2020
<b>Metals by ICP/MS</b>						
	<b>SW6020A (SW3050B)</b>		Prep Date: <b>2/24/2020</b>		Analyst: <b>JG</b>	
Antimony	ND	2.2		mg/Kg-dry	10	2/24/2020
Arsenic	9.8	1.1		mg/Kg-dry	10	2/24/2020
Barium	100	1.1		mg/Kg-dry	10	2/24/2020
Beryllium	0.99	0.55		mg/Kg-dry	10	2/24/2020
Cadmium	ND	0.55		mg/Kg-dry	10	2/24/2020
Calcium	3200	66		mg/Kg-dry	10	2/24/2020
Chromium	25	1.1		mg/Kg-dry	10	2/24/2020

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers: J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded

**STAT Analysis Corporation**

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

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

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

Date Reported: March 12, 2020

Date Printed: March 12, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-12-02 (0-2)

Work Order: 20020495 Revision 0

Collection Date: 2/17/2020 1:22:00 PM

Project: 81.0220509.75, WO #37, Elk Grove

Matrix: Soil

Lab ID: 20020495-026

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Metals by ICP/MS</b>		<b>SW6020A (SW3050B)</b>		Prep Date: <b>2/24/2020</b>		Analyst: <b>JG</b>
Cobalt	14	1.1		mg/Kg-dry	10	2/24/2020
Copper	27	2.8		mg/Kg-dry	10	2/24/2020
Iron	27000	33		mg/Kg-dry	10	2/24/2020
Lead	39	0.55		mg/Kg-dry	10	2/24/2020
Magnesium	4800	33		mg/Kg-dry	10	2/24/2020
Manganese	410	1.1		mg/Kg-dry	10	2/24/2020
Nickel	30	1.1		mg/Kg-dry	10	2/24/2020
Potassium	2700	33		mg/Kg-dry	10	2/24/2020
Selenium	1.2	1.1		mg/Kg-dry	10	2/24/2020
Silver	ND	1.1		mg/Kg-dry	10	2/24/2020
Sodium	4400	66		mg/Kg-dry	10	2/24/2020
Thallium	ND	1.1		mg/Kg-dry	10	2/24/2020
Vanadium	34	1.1		mg/Kg-dry	10	2/24/2020
Zinc	74	5.5		mg/Kg-dry	10	2/24/2020
<b>SPLP Metals by ICP/MS</b>		<b>SW1312/6020A (SW3005A)</b>		Prep Date: <b>2/21/2020</b>		Analyst: <b>MDT</b>
Arsenic	0.012	0.0040		mg/L	2	2/22/2020
Barium	0.038	0.020		mg/L	2	2/22/2020
Beryllium	ND	0.0020		mg/L	2	2/24/2020
Cadmium	ND	0.0020		mg/L	2	2/22/2020
Chromium	0.0077	0.0040		mg/L	2	2/22/2020
Cobalt	ND	0.0040		mg/L	2	2/22/2020
Copper	ND	0.040		mg/L	2	2/22/2020
Iron	4.3	0.10		mg/L	2	2/22/2020
Lead	0.037	0.0020		mg/L	2	2/22/2020
Manganese	0.17	0.0040		mg/L	2	2/22/2020
Nickel	0.0074	0.0040		mg/L	2	2/22/2020
Selenium	ND	0.0040		mg/L	2	2/22/2020
Silver	ND	0.0040		mg/L	2	2/22/2020
Zinc	0.032	0.020		mg/L	2	2/22/2020
<b>TCLP Metals by ICP/MS</b>		<b>SW1311/6020A (SW3005A)</b>		Prep Date: <b>2/24/2020</b>		Analyst: <b>MDT</b>
Arsenic	0.011	0.010		mg/L	5	2/25/2020
Barium	0.25	0.050		mg/L	5	2/25/2020
Beryllium	ND	0.0050		mg/L	5	2/25/2020
Cadmium	ND	0.0050		mg/L	5	2/25/2020
Chromium	ND	0.010		mg/L	5	2/25/2020
Cobalt	0.046	0.010		mg/L	5	2/25/2020
Copper	ND	0.10		mg/L	5	2/25/2020

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers: J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded

**STAT Analysis Corporation**

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

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

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

Date Reported: March 12, 2020

Date Printed: March 12, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Work Order: 20020495 Revision 0

Project: 81.0220509.75, WO #37, Elk Grove

Lab ID: 20020495-026

Client Sample ID: 2360V2-12-02 (0-2)

Collection Date: 2/17/2020 1:22:00 PM

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>TCLP Metals by ICP/MS</b>	<b>SW1311/6020A (SW3005A)</b>		Prep Date: <b>2/24/2020</b>		Analyst: <b>MDT</b>	
Iron	1.2	0.25		mg/L	5	2/25/2020
Lead	0.011	0.0050		mg/L	5	2/25/2020
Manganese	9.9	0.010		mg/L	5	2/25/2020
Nickel	ND	0.010		mg/L	5	2/25/2020
Selenium	ND	0.010		mg/L	5	2/25/2020
Silver	ND	0.010		mg/L	5	2/25/2020
Zinc	0.062	0.050		mg/L	5	2/25/2020
<b>TCLP Mercury</b>	<b>SW1311/7470A</b>		Prep Date: <b>2/28/2020</b>		Analyst: <b>LB</b>	
Mercury	ND	0.00020		mg/L	1	3/2/2020
<b>SPLP Mercury</b>	<b>SW1312/7470A</b>		Prep Date: <b>2/28/2020</b>		Analyst: <b>LB</b>	
Mercury	ND	0.00020		mg/L	1	3/2/2020
<b>Mercury</b>	<b>SW7471B</b>		Prep Date: <b>3/10/2020</b>		Analyst: <b>LB</b>	
Mercury	0.068	0.024		mg/Kg-dry	1	3/11/2020
<b>pH (25 °C)</b>	<b>SW9045C</b>		Prep Date: <b>2/25/2020</b>		Analyst: <b>FN</b>	
pH	8.42			pH Units	1	2/25/2020
<b>Percent Moisture</b>	<b>D2974</b>		Prep Date: <b>2/19/2020</b>		Analyst: <b>FN</b>	
Percent Moisture	20.2	0.2	*	wt%	1	2/20/2020

**Qualifiers:**

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

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

**STAT Analysis Corporation**

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

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

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

Date Reported: March 12, 2020

Date Printed: March 12, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-DUP4

Work Order: 20020495 Revision 0

Collection Date: 2/17/2020

Project: 81.0220509.75, WO #37, Elk Grove

Matrix: Soil

Lab ID: 20020495-035

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Volatile Organic Compounds by GC/MS</b>	<b>SW5035/8260B</b>		Prep Date: <b>2/19/2020</b>		Analyst: <b>JDT</b>	
Acetone	ND	0.072		mg/Kg-dry	1	2/26/2020
Benzene	ND	0.0048		mg/Kg-dry	1	2/26/2020
Bromodichloromethane	ND	0.0048		mg/Kg-dry	1	2/26/2020
Bromoform	ND	0.0048		mg/Kg-dry	1	2/26/2020
Bromomethane	ND	0.0096		mg/Kg-dry	1	2/26/2020
2-Butanone	ND	0.072		mg/Kg-dry	1	2/26/2020
Carbon disulfide	ND	0.048		mg/Kg-dry	1	2/26/2020
Carbon tetrachloride	ND	0.0048		mg/Kg-dry	1	2/26/2020
Chlorobenzene	ND	0.0048		mg/Kg-dry	1	2/26/2020
Chloroethane	ND	0.0096		mg/Kg-dry	1	2/26/2020
Chloroform	ND	0.0048		mg/Kg-dry	1	2/26/2020
Chloromethane	ND	0.0096		mg/Kg-dry	1	2/26/2020
Dibromochloromethane	ND	0.0048		mg/Kg-dry	1	2/26/2020
1,1-Dichloroethane	ND	0.0048		mg/Kg-dry	1	2/26/2020
1,2-Dichloroethane	ND	0.0048		mg/Kg-dry	1	2/26/2020
1,1-Dichloroethene	ND	0.0048		mg/Kg-dry	1	2/26/2020
cis-1,2-Dichloroethene	ND	0.0048		mg/Kg-dry	1	2/26/2020
trans-1,2-Dichloroethene	ND	0.0048		mg/Kg-dry	1	2/26/2020
1,2-Dichloropropane	ND	0.0048		mg/Kg-dry	1	2/26/2020
cis-1,3-Dichloropropene	ND	0.0019		mg/Kg-dry	1	2/26/2020
trans-1,3-Dichloropropene	ND	0.0019		mg/Kg-dry	1	2/26/2020
Ethylbenzene	ND	0.0048		mg/Kg-dry	1	2/26/2020
2-Hexanone	ND	0.019		mg/Kg-dry	1	2/26/2020
4-Methyl-2-pentanone	ND	0.019		mg/Kg-dry	1	2/26/2020
Methylene chloride	ND	0.0096		mg/Kg-dry	1	2/26/2020
Methyl tert-butyl ether	ND	0.0048		mg/Kg-dry	1	2/26/2020
Styrene	ND	0.0048		mg/Kg-dry	1	2/26/2020
1,1,2,2-Tetrachloroethane	ND	0.0048		mg/Kg-dry	1	2/26/2020
Tetrachloroethene	ND	0.0048		mg/Kg-dry	1	2/26/2020
Toluene	ND	0.0048		mg/Kg-dry	1	2/26/2020
1,1,1-Trichloroethane	ND	0.0048		mg/Kg-dry	1	2/26/2020
1,1,2-Trichloroethane	ND	0.0048		mg/Kg-dry	1	2/26/2020
Trichloroethene	ND	0.0048		mg/Kg-dry	1	2/26/2020
Vinyl chloride	ND	0.0048		mg/Kg-dry	1	2/26/2020
Xylenes, Total	ND	0.014		mg/Kg-dry	1	2/26/2020
<b>Semivolatile Organic Compounds by GC/MS</b>	<b>SW8270D (SW3550B)</b>		Prep Date: <b>2/20/2020</b>		Analyst: <b>TEM</b>	
Acenaphthene	ND	0.038		mg/Kg-dry	1	2/21/2020
Acenaphthylene	ND	0.038		mg/Kg-dry	1	2/21/2020

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

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

**STAT Analysis Corporation**

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

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

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

Date Reported: March 12, 2020

Date Printed: March 12, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-DUP4

Work Order: 20020495 Revision 0

Collection Date: 2/17/2020

Project: 81.0220509.75, WO #37, Elk Grove

Matrix: Soil

Lab ID: 20020495-035

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Semivolatile Organic Compounds by GC/MS</b>	<b>SW8270D (SW3550B)</b>				Prep Date: 2/20/2020	Analyst: TEM
Aniline	ND	0.38		mg/Kg-dry	1	2/21/2020
Anthracene	ND	0.038		mg/Kg-dry	1	2/21/2020
Benz(a)anthracene	ND	0.038		mg/Kg-dry	1	2/21/2020
Benzidine	ND	0.38		mg/Kg-dry	1	2/21/2020
Benzo(a)pyrene	ND	0.038		mg/Kg-dry	1	2/21/2020
Benzo(b)fluoranthene	ND	0.038		mg/Kg-dry	1	2/21/2020
Benzo(g,h,i)perylene	ND	0.038		mg/Kg-dry	1	2/21/2020
Benzo(k)fluoranthene	ND	0.038		mg/Kg-dry	1	2/21/2020
Benzoic acid	ND	0.95		mg/Kg-dry	1	2/21/2020
Benzyl alcohol	ND	0.20		mg/Kg-dry	1	2/21/2020
Bis(2-chloroethoxy)methane	ND	0.20		mg/Kg-dry	1	2/21/2020
Bis(2-chloroethyl)ether	ND	0.20		mg/Kg-dry	1	2/21/2020
Bis(2-ethylhexyl)phthalate	ND	0.95		mg/Kg-dry	1	2/21/2020
4-Bromophenyl phenyl ether	ND	0.20		mg/Kg-dry	1	2/21/2020
Butyl benzyl phthalate	ND	0.20		mg/Kg-dry	1	2/21/2020
Carbazole	ND	0.20		mg/Kg-dry	1	2/21/2020
4-Chloroaniline	ND	0.20		mg/Kg-dry	1	2/21/2020
4-Chloro-3-methylphenol	ND	0.38		mg/Kg-dry	1	2/21/2020
2-Chloronaphthalene	ND	0.20		mg/Kg-dry	1	2/21/2020
2-Chlorophenol	ND	0.20		mg/Kg-dry	1	2/21/2020
4-Chlorophenyl phenyl ether	ND	0.20		mg/Kg-dry	1	2/21/2020
Chrysene	ND	0.038		mg/Kg-dry	1	2/21/2020
Dibenz(a,h)anthracene	ND	0.038		mg/Kg-dry	1	2/21/2020
Dibenzofuran	ND	0.20		mg/Kg-dry	1	2/21/2020
1,2-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	2/21/2020
1,3-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	2/21/2020
1,4-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	2/21/2020
3,3'-Dichlorobenzidine	ND	0.20		mg/Kg-dry	1	2/21/2020
2,4-Dichlorophenol	ND	0.20		mg/Kg-dry	1	2/21/2020
Diethyl phthalate	ND	0.20		mg/Kg-dry	1	2/21/2020
2,4-Dimethylphenol	ND	0.20		mg/Kg-dry	1	2/21/2020
Dimethyl phthalate	ND	0.20		mg/Kg-dry	1	2/21/2020
4,6-Dinitro-2-methylphenol	ND	0.38		mg/Kg-dry	1	2/21/2020
2,4-Dinitrophenol	ND	0.95		mg/Kg-dry	1	2/21/2020
2,4-Dinitrotoluene	ND	0.038		mg/Kg-dry	1	2/21/2020
2,6-Dinitrotoluene	ND	0.038		mg/Kg-dry	1	2/21/2020
Di-n-butyl phthalate	ND	0.20		mg/Kg-dry	1	2/21/2020
Di-n-octyl phthalate	ND	0.20		mg/Kg-dry	1	2/21/2020

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers: J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded



**STAT Analysis Corporation**

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

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

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

Date Reported: March 12, 2020

Date Printed: March 12, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-DUP4

Work Order: 20020495 Revision 0

Collection Date: 2/17/2020

Project: 81.0220509.75, WO #37, Elk Grove

Matrix: Soil

Lab ID: 20020495-035

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Semivolatile Organic Compounds by GC/MS</b>		<b>SW8270D (SW3550B)</b>		Prep Date: <b>2/20/2020</b>		Analyst: <b>TEM</b>
Fluoranthene	ND	0.038		mg/Kg-dry	1	2/21/2020
Fluorene	ND	0.038		mg/Kg-dry	1	2/21/2020
Hexachlorobenzene	ND	0.20		mg/Kg-dry	1	2/21/2020
Hexachlorobutadiene	ND	0.20		mg/Kg-dry	1	2/21/2020
Hexachlorocyclopentadiene	ND	0.20		mg/Kg-dry	1	2/21/2020
Hexachloroethane	ND	0.20		mg/Kg-dry	1	2/21/2020
Indeno(1,2,3-cd)pyrene	ND	0.038		mg/Kg-dry	1	2/21/2020
Isophorone	ND	0.20		mg/Kg-dry	1	2/21/2020
2-Methylnaphthalene	ND	0.20		mg/Kg-dry	1	2/21/2020
2-Methylphenol	ND	0.20		mg/Kg-dry	1	2/21/2020
4-Methylphenol	ND	0.20		mg/Kg-dry	1	2/21/2020
Naphthalene	ND	0.038		mg/Kg-dry	1	2/21/2020
2-Nitroaniline	ND	0.20		mg/Kg-dry	1	2/21/2020
3-Nitroaniline	ND	0.20		mg/Kg-dry	1	2/21/2020
4-Nitroaniline	ND	0.20		mg/Kg-dry	1	2/21/2020
2-Nitrophenol	ND	0.20		mg/Kg-dry	1	2/21/2020
4-Nitrophenol	ND	0.38		mg/Kg-dry	1	2/21/2020
Nitrobenzene	ND	0.038		mg/Kg-dry	1	2/21/2020
N-Nitrosodi-n-propylamine	ND	0.038		mg/Kg-dry	1	2/21/2020
N-Nitrosodimethylamine	ND	0.20		mg/Kg-dry	1	2/21/2020
N-Nitrosodiphenylamine	ND	0.038		mg/Kg-dry	1	2/21/2020
2, 2'-oxybis(1-Chloropropane)	ND	0.20		mg/Kg-dry	1	2/21/2020
Pentachlorophenol	ND	0.038		mg/Kg-dry	1	2/21/2020
Phenanthrene	ND	0.038		mg/Kg-dry	1	2/21/2020
Phenol	ND	0.20		mg/Kg-dry	1	2/21/2020
Pyrene	ND	0.038		mg/Kg-dry	1	2/21/2020
Pyridine	ND	0.77		mg/Kg-dry	1	2/21/2020
1,2,4-Trichlorobenzene	ND	0.20		mg/Kg-dry	1	2/21/2020
2,4,5-Trichlorophenol	ND	0.20		mg/Kg-dry	1	2/21/2020
2,4,6-Trichlorophenol	ND	0.20		mg/Kg-dry	1	2/21/2020
<b>Metals by ICP/MS</b>		<b>SW6020A (SW3050B)</b>		Prep Date: <b>2/24/2020</b>		Analyst: <b>JG</b>
Antimony	ND	2.0		mg/Kg-dry	10	2/24/2020
Arsenic	12	1.0		mg/Kg-dry	10	2/24/2020
Barium	34	1.0		mg/Kg-dry	10	2/24/2020
Beryllium	0.67	0.50		mg/Kg-dry	10	2/24/2020
Cadmium	ND	0.50		mg/Kg-dry	10	2/24/2020
Calcium	68000	60		mg/Kg-dry	10	2/24/2020
Chromium	19	1.0		mg/Kg-dry	10	2/24/2020

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers: J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded

**STAT Analysis Corporation**

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

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

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

Date Reported: March 12, 2020

Date Printed: March 12, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-DUP4

Work Order: 20020495 Revision 0

Collection Date: 2/17/2020

Project: 81.0220509.75, WO #37, Elk Grove

Matrix: Soil

Lab ID: 20020495-035

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Metals by ICP/MS</b>		<b>SW6020A (SW3050B)</b>		Prep Date: <b>2/24/2020</b>		Analyst: <b>JG</b>
Cobalt	16	1.0		mg/Kg-dry	10	2/24/2020
Copper	27	2.5		mg/Kg-dry	10	2/24/2020
Iron	27000	30		mg/Kg-dry	10	2/24/2020
Lead	16	0.50		mg/Kg-dry	10	2/24/2020
Magnesium	33000	30		mg/Kg-dry	10	2/24/2020
Manganese	520	1.0		mg/Kg-dry	10	2/24/2020
Nickel	31	1.0		mg/Kg-dry	10	2/24/2020
Potassium	2300	30		mg/Kg-dry	10	2/24/2020
Selenium	ND	1.0		mg/Kg-dry	10	2/24/2020
Silver	ND	1.0		mg/Kg-dry	10	2/24/2020
Sodium	850	60		mg/Kg-dry	10	2/24/2020
Thallium	ND	1.0		mg/Kg-dry	10	2/24/2020
Vanadium	26	1.0		mg/Kg-dry	10	2/24/2020
Zinc	56	5.0		mg/Kg-dry	10	2/24/2020
<b>SPLP Metals by ICP/MS</b>		<b>SW1312/6020A (SW3005A)</b>		Prep Date: <b>2/21/2020</b>		Analyst: <b>MDT</b>
Arsenic	ND	0.0040		mg/L	2	2/22/2020
Barium	0.027	0.020		mg/L	2	2/22/2020
Beryllium	ND	0.0020		mg/L	2	2/24/2020
Cadmium	ND	0.0020		mg/L	2	2/22/2020
Chromium	0.0080	0.0040		mg/L	2	2/22/2020
Cobalt	ND	0.0040		mg/L	2	2/22/2020
Copper	ND	0.040		mg/L	2	2/22/2020
Iron	6.6	0.10		mg/L	2	2/22/2020
Lead	0.0025	0.0020		mg/L	2	2/22/2020
Manganese	0.030	0.0040		mg/L	2	2/22/2020
Nickel	0.0085	0.0040		mg/L	2	2/22/2020
Selenium	ND	0.0040		mg/L	2	2/22/2020
Silver	ND	0.0040		mg/L	2	2/22/2020
Zinc	0.030	0.020		mg/L	2	2/22/2020
<b>TCLP Metals by ICP/MS</b>		<b>SW1311/6020A (SW3005A)</b>		Prep Date: <b>2/24/2020</b>		Analyst: <b>MDT</b>
Arsenic	ND	0.010		mg/L	5	2/25/2020
Barium	0.33	0.050		mg/L	5	2/25/2020
Beryllium	ND	0.0050		mg/L	5	2/25/2020
Cadmium	ND	0.0050		mg/L	5	2/25/2020
Chromium	ND	0.010		mg/L	5	2/25/2020
Cobalt	ND	0.010		mg/L	5	2/25/2020
Copper	ND	0.10		mg/L	5	2/25/2020

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers: J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded

**STAT Analysis Corporation**

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

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

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

Date Reported: March 12, 2020

Date Printed: March 12, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-DUP4

Work Order: 20020495 Revision 0

Collection Date: 2/17/2020

Project: 81.0220509.75, WO #37, Elk Grove

Matrix: Soil

Lab ID: 20020495-035

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>TCLP Metals by ICP/MS</b>	<b>SW1311/6020A (SW3005A)</b>		Prep Date: <b>2/24/2020</b>		Analyst: <b>MDT</b>	
Iron	ND	0.25		mg/L	5	2/25/2020
Lead	ND	0.0050		mg/L	5	2/25/2020
Manganese	1.3	0.010		mg/L	5	2/25/2020
Nickel	ND	0.010		mg/L	5	2/25/2020
Selenium	ND	0.010		mg/L	5	2/25/2020
Silver	ND	0.010		mg/L	5	2/25/2020
Zinc	ND	0.050		mg/L	5	2/25/2020
<b>TCLP Mercury</b>	<b>SW1311/7470A</b>		Prep Date: <b>2/28/2020</b>		Analyst: <b>LB</b>	
Mercury	ND	0.00020		mg/L	1	3/2/2020
<b>SPLP Mercury</b>	<b>SW1312/7470A</b>		Prep Date: <b>2/28/2020</b>		Analyst: <b>LB</b>	
Mercury	ND	0.00020		mg/L	1	3/2/2020
<b>Mercury</b>	<b>SW7471B</b>		Prep Date: <b>3/10/2020</b>		Analyst: <b>LB</b>	
Mercury	ND	0.021		mg/Kg-dry	1	3/11/2020
<b>pH (25 °C)</b>	<b>SW9045C</b>		Prep Date: <b>2/25/2020</b>		Analyst: <b>FN</b>	
pH	8.30			pH Units	1	2/25/2020
<b>Percent Moisture</b>	<b>D2974</b>		Prep Date: <b>2/19/2020</b>		Analyst: <b>FN</b>	
Percent Moisture	14.7	0.2	*	wt%	1	2/20/2020

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

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

**STAT Analysis Corporation**

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

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

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

Date Reported: March 10, 2020

Date Printed: March 10, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-13-01 (0-1.5)

Work Order: 20020373 Revision 0

Collection Date: 2/12/2020 10:56:00 AM

Project: 81.0220509.75, IDOT WO37 Elk Grove, Elk Grove

Matrix: Soil

Lab ID: 20020373-009

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Volatile Organic Compounds by GC/MS</b>		<b>SW5035/8260B</b>		Prep Date: 2/14/2020		Analyst: JDT
Acetone	ND	0.053		mg/Kg-dry	1	2/19/2020
Benzene	ND	0.0035		mg/Kg-dry	1	2/19/2020
Bromodichloromethane	ND	0.0035		mg/Kg-dry	1	2/19/2020
Bromoform	ND	0.0035		mg/Kg-dry	1	2/19/2020
Bromomethane	ND	0.0071		mg/Kg-dry	1	2/19/2020
2-Butanone	ND	0.053		mg/Kg-dry	1	2/19/2020
Carbon disulfide	ND	0.035		mg/Kg-dry	1	2/19/2020
Carbon tetrachloride	ND	0.0035		mg/Kg-dry	1	2/19/2020
Chlorobenzene	ND	0.0035		mg/Kg-dry	1	2/19/2020
Chloroethane	ND	0.0071		mg/Kg-dry	1	2/19/2020
Chloroform	ND	0.0035		mg/Kg-dry	1	2/19/2020
Chloromethane	ND	0.0071		mg/Kg-dry	1	2/19/2020
Dibromochloromethane	ND	0.0035		mg/Kg-dry	1	2/19/2020
1,1-Dichloroethane	ND	0.0035		mg/Kg-dry	1	2/19/2020
1,2-Dichloroethane	ND	0.0035		mg/Kg-dry	1	2/19/2020
1,1-Dichloroethene	ND	0.0035		mg/Kg-dry	1	2/19/2020
cis-1,2-Dichloroethene	ND	0.0035		mg/Kg-dry	1	2/19/2020
trans-1,2-Dichloroethene	ND	0.0035		mg/Kg-dry	1	2/19/2020
1,2-Dichloropropane	ND	0.0035		mg/Kg-dry	1	2/19/2020
cis-1,3-Dichloropropene	ND	0.0014		mg/Kg-dry	1	2/19/2020
trans-1,3-Dichloropropene	ND	0.0014		mg/Kg-dry	1	2/19/2020
Ethylbenzene	ND	0.0035		mg/Kg-dry	1	2/19/2020
2-Hexanone	ND	0.014		mg/Kg-dry	1	2/19/2020
4-Methyl-2-pentanone	ND	0.014		mg/Kg-dry	1	2/19/2020
Methylene chloride	ND	0.0071		mg/Kg-dry	1	2/19/2020
Methyl tert-butyl ether	ND	0.0035		mg/Kg-dry	1	2/19/2020
Styrene	ND	0.0035		mg/Kg-dry	1	2/19/2020
1,1,2,2-Tetrachloroethane	ND	0.0035		mg/Kg-dry	1	2/19/2020
Tetrachloroethene	ND	0.0035		mg/Kg-dry	1	2/19/2020
Toluene	ND	0.0035		mg/Kg-dry	1	2/19/2020
1,1,1-Trichloroethane	ND	0.0035		mg/Kg-dry	1	2/19/2020
1,1,2-Trichloroethane	ND	0.0035		mg/Kg-dry	1	2/19/2020
Trichloroethene	ND	0.0035		mg/Kg-dry	1	2/19/2020
Vinyl chloride	ND	0.0035		mg/Kg-dry	1	2/19/2020
Xylenes, Total	ND	0.011		mg/Kg-dry	1	2/19/2020
<b>Semivolatile Organic Compounds by GC/MS</b>		<b>SW8270D (SW3550B)</b>		Prep Date: 2/14/2020		Analyst: DM
Acenaphthene	ND	0.037		mg/Kg-dry	1	2/18/2020
Acenaphthylene	ND	0.037		mg/Kg-dry	1	2/18/2020

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

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

**STAT Analysis Corporation**

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

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

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

Date Reported: March 10, 2020

Date Printed: March 10, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-13-01 (0-1.5)

Work Order: 20020373 Revision 0

Collection Date: 2/12/2020 10:56:00 AM

Project: 81.0220509.75, IDOT WO37 Elk Grove, Elk Grove

Matrix: Soil

Lab ID: 20020373-009

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Semivolatile Organic Compounds by GC/MS</b>	<b>SW8270D (SW3550B)</b>				Prep Date: 2/14/2020	Analyst: DM
Aniline	ND	0.38		mg/Kg-dry	1	2/18/2020
Anthracene	ND	0.037		mg/Kg-dry	1	2/18/2020
Benz(a)anthracene	0.11	0.037		mg/Kg-dry	1	2/18/2020
Benzidine	ND	0.37		mg/Kg-dry	1	2/18/2020
Benzo(a)pyrene	0.094	0.037		mg/Kg-dry	1	2/18/2020
Benzo(b)fluoranthene	0.11	0.037		mg/Kg-dry	1	2/18/2020
Benzo(g,h,i)perylene	0.077	0.037		mg/Kg-dry	1	2/18/2020
Benzo(k)fluoranthene	0.076	0.037		mg/Kg-dry	1	2/18/2020
Benzoic acid	ND	0.94		mg/Kg-dry	1	2/18/2020
Benzyl alcohol	ND	0.19		mg/Kg-dry	1	2/18/2020
Bis(2-chloroethoxy)methane	ND	0.19		mg/Kg-dry	1	2/18/2020
Bis(2-chloroethyl)ether	ND	0.19		mg/Kg-dry	1	2/18/2020
Bis(2-ethylhexyl)phthalate	ND	0.94		mg/Kg-dry	1	2/18/2020
4-Bromophenyl phenyl ether	ND	0.19		mg/Kg-dry	1	2/18/2020
Butyl benzyl phthalate	ND	0.19		mg/Kg-dry	1	2/18/2020
Carbazole	ND	0.19		mg/Kg-dry	1	2/18/2020
4-Chloroaniline	ND	0.19		mg/Kg-dry	1	2/18/2020
4-Chloro-3-methylphenol	ND	0.37		mg/Kg-dry	1	2/18/2020
2-Chloronaphthalene	ND	0.19		mg/Kg-dry	1	2/18/2020
2-Chlorophenol	ND	0.19		mg/Kg-dry	1	2/18/2020
4-Chlorophenyl phenyl ether	ND	0.19		mg/Kg-dry	1	2/18/2020
Chrysene	0.11	0.037		mg/Kg-dry	1	2/18/2020
Dibenz(a,h)anthracene	ND	0.037		mg/Kg-dry	1	2/18/2020
Dibenzofuran	ND	0.19		mg/Kg-dry	1	2/18/2020
1,2-Dichlorobenzene	ND	0.19		mg/Kg-dry	1	2/18/2020
1,3-Dichlorobenzene	ND	0.19		mg/Kg-dry	1	2/18/2020
1,4-Dichlorobenzene	ND	0.19		mg/Kg-dry	1	2/18/2020
3,3'-Dichlorobenzidine	ND	0.19		mg/Kg-dry	1	2/18/2020
2,4-Dichlorophenol	ND	0.19		mg/Kg-dry	1	2/18/2020
Diethyl phthalate	ND	0.19		mg/Kg-dry	1	2/18/2020
2,4-Dimethylphenol	ND	0.19		mg/Kg-dry	1	2/18/2020
Dimethyl phthalate	ND	0.19		mg/Kg-dry	1	2/18/2020
4,6-Dinitro-2-methylphenol	ND	0.37		mg/Kg-dry	1	2/18/2020
2,4-Dinitrophenol	ND	0.94		mg/Kg-dry	1	2/18/2020
2,4-Dinitrotoluene	ND	0.037		mg/Kg-dry	1	2/18/2020
2,6-Dinitrotoluene	ND	0.037		mg/Kg-dry	1	2/18/2020
Di-n-butyl phthalate	ND	0.19		mg/Kg-dry	1	2/18/2020
Di-n-octyl phthalate	ND	0.19		mg/Kg-dry	1	2/18/2020

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers: J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded

**STAT Analysis Corporation**

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

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

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

Date Reported: March 10, 2020

Date Printed: March 10, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-13-01 (0-1.5)

Work Order: 20020373 Revision 0

Collection Date: 2/12/2020 10:56:00 AM

Project: 81.0220509.75, IDOT WO37 Elk Grove, Elk Grove

Matrix: Soil

Lab ID: 20020373-009

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
----------	--------	----	-----------	-------	----	---------------

Semivolatile Organic Compounds by GC/MS	SW8270D (SW3550B)	Prep Date: 2/14/2020			Analyst: DM
---	-------------------	----------------------	--	--	-------------

Fluoranthene	0.23	0.037		mg/Kg-dry	1	2/18/2020
Fluorene	ND	0.037		mg/Kg-dry	1	2/18/2020
Hexachlorobenzene	ND	0.19		mg/Kg-dry	1	2/18/2020
Hexachlorobutadiene	ND	0.19		mg/Kg-dry	1	2/18/2020
Hexachlorocyclopentadiene	ND	0.19		mg/Kg-dry	1	2/18/2020
Hexachloroethane	ND	0.19		mg/Kg-dry	1	2/18/2020
Indeno(1,2,3-cd)pyrene	0.068	0.037		mg/Kg-dry	1	2/18/2020
Isophorone	ND	0.19		mg/Kg-dry	1	2/18/2020
2-Methylnaphthalene	ND	0.19		mg/Kg-dry	1	2/18/2020
2-Methylphenol	ND	0.19		mg/Kg-dry	1	2/18/2020
4-Methylphenol	ND	0.19		mg/Kg-dry	1	2/18/2020
Naphthalene	ND	0.037		mg/Kg-dry	1	2/18/2020
2-Nitroaniline	ND	0.19		mg/Kg-dry	1	2/18/2020
3-Nitroaniline	ND	0.19		mg/Kg-dry	1	2/18/2020
4-Nitroaniline	ND	0.19		mg/Kg-dry	1	2/18/2020
2-Nitrophenol	ND	0.19		mg/Kg-dry	1	2/18/2020
4-Nitrophenol	ND	0.37		mg/Kg-dry	1	2/18/2020
Nitrobenzene	ND	0.037		mg/Kg-dry	1	2/18/2020
N-Nitrosodi-n-propylamine	ND	0.037		mg/Kg-dry	1	2/18/2020
N-Nitrosodimethylamine	ND	0.19		mg/Kg-dry	1	2/18/2020
N-Nitrosodiphenylamine	ND	0.037		mg/Kg-dry	1	2/18/2020
2, 2'-oxybis(1-Chloropropane)	ND	0.19		mg/Kg-dry	1	2/18/2020
Pentachlorophenol	ND	0.037		mg/Kg-dry	1	2/18/2020
Phenanthrene	0.081	0.037		mg/Kg-dry	1	2/18/2020
Phenol	ND	0.19		mg/Kg-dry	1	2/18/2020
Pyrene	0.19	0.037		mg/Kg-dry	1	2/18/2020
Pyridine	ND	0.76		mg/Kg-dry	1	2/18/2020
1,2,4-Trichlorobenzene	ND	0.19		mg/Kg-dry	1	2/18/2020
2,4,5-Trichlorophenol	ND	0.19		mg/Kg-dry	1	2/18/2020
2,4,6-Trichlorophenol	ND	0.19		mg/Kg-dry	1	2/18/2020

Metals by ICP/MS	SW6020A (SW3050B)	Prep Date: 2/19/2020			Analyst: MDT
------------------	-------------------	----------------------	--	--	--------------

Antimony	ND	2.0		mg/Kg-dry	10	2/20/2020
Arsenic	8.3	0.99		mg/Kg-dry	10	2/20/2020
Barium	70	0.99		mg/Kg-dry	10	2/20/2020
Beryllium	ND	0.49		mg/Kg-dry	10	2/20/2020
Cadmium	ND	0.49		mg/Kg-dry	10	2/20/2020
Calcium	73000	59		mg/Kg-dry	10	2/20/2020
Chromium	20	0.99		mg/Kg-dry	10	2/20/2020

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

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

**STAT Analysis Corporation**

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

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

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

Date Reported: March 10, 2020

Date Printed: March 10, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-13-01 (0-1.5)

Work Order: 20020373 Revision 0

Collection Date: 2/12/2020 10:56:00 AM

Project: 81.0220509.75, IDOT WO37 Elk Grove, Elk Grove

Matrix: Soil

Lab ID: 20020373-009

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Metals by ICP/MS</b>	<b>SW6020A (SW3050B)</b>		Prep Date: 2/19/2020		Analyst: MDT	
Cobalt	9.7	0.99		mg/Kg-dry	10	2/20/2020
Copper	22	2.5		mg/Kg-dry	10	2/20/2020
Iron	23000	30		mg/Kg-dry	10	2/20/2020
Lead	25	0.49		mg/Kg-dry	10	2/20/2020
Magnesium	36000	30		mg/Kg-dry	10	2/20/2020
Manganese	500	0.99		mg/Kg-dry	10	2/20/2020
Nickel	28	0.99		mg/Kg-dry	10	2/20/2020
Potassium	2100	30		mg/Kg-dry	10	2/20/2020
Selenium	ND	0.99		mg/Kg-dry	10	2/20/2020
Silver	ND	0.99		mg/Kg-dry	10	2/20/2020
Sodium	870	59		mg/Kg-dry	10	2/20/2020
Thallium	ND	0.99		mg/Kg-dry	10	2/20/2020
Vanadium	26	0.99		mg/Kg-dry	10	2/20/2020
Zinc	70	4.9		mg/Kg-dry	10	2/20/2020
<b>SPLP Metals by ICP/MS</b>	<b>SW1312/6020A (SW3005A)</b>		Prep Date: 2/18/2020		Analyst: MDT	
Arsenic	ND	0.0040		mg/L	2	2/19/2020
Barium	0.020	0.020		mg/L	2	2/19/2020
Beryllium	ND	0.0020		mg/L	2	2/19/2020
Cadmium	ND	0.0020		mg/L	2	2/19/2020
Chromium	ND	0.0080		mg/L	2	2/19/2020
Cobalt	ND	0.0040		mg/L	2	2/19/2020
Copper	ND	0.020		mg/L	2	2/19/2020
Iron	2.2	0.20		mg/L	2	2/19/2020
Lead	0.0084	0.0020		mg/L	2	2/19/2020
Manganese	0.022	0.0040		mg/L	2	2/19/2020
Nickel	ND	0.0080		mg/L	2	2/19/2020
Selenium	ND	0.0040		mg/L	2	2/19/2020
Silver	ND	0.0040		mg/L	2	2/19/2020
Zinc	ND	0.080		mg/L	2	2/19/2020
<b>TCLP Metals by ICP/MS</b>	<b>SW1311/6020A (SW3005A)</b>		Prep Date: 2/18/2020		Analyst: MDT	
Arsenic	ND	0.010		mg/L	5	2/19/2020
Barium	0.34	0.050		mg/L	5	2/19/2020
Beryllium	ND	0.0050		mg/L	5	2/19/2020
Cadmium	ND	0.0050		mg/L	5	2/19/2020
Chromium	ND	0.010		mg/L	5	2/19/2020
Cobalt	ND	0.010		mg/L	5	2/19/2020
Copper	ND	0.10		mg/L	5	2/19/2020

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers: J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded

**STAT Analysis Corporation**

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

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

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

Date Reported: March 10, 2020

Date Printed: March 10, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-13-01 (0-1.5)

Work Order: 20020373 Revision 0

Collection Date: 2/12/2020 10:56:00 AM

Project: 81.0220509.75, IDOT WO37 Elk Grove, Elk Grove

Matrix: Soil

Lab ID: 20020373-009

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>TCLP Metals by ICP/MS</b>	<b>SW1311/6020A (SW3005A)</b>			Prep Date: <b>2/18/2020</b>		Analyst: <b>MDT</b>
Iron	ND	0.25		mg/L	5	2/19/2020
Lead	ND	0.0050		mg/L	5	2/19/2020
Manganese	ND	0.010		mg/L	5	2/19/2020
Nickel	ND	0.010		mg/L	5	2/19/2020
Selenium	ND	0.010		mg/L	5	2/19/2020
Silver	ND	0.010		mg/L	5	2/19/2020
Zinc	ND	0.050		mg/L	5	2/19/2020
<b>TCLP Mercury</b>	<b>SW1311/7470A</b>			Prep Date: <b>2/18/2020</b>		Analyst: <b>LB</b>
Mercury	ND	0.00020		mg/L	1	2/19/2020
<b>SPLP Mercury</b>	<b>SW1312/7470A</b>			Prep Date: <b>2/24/2020</b>		Analyst: <b>LB</b>
Mercury	ND	0.00020		mg/L	1	2/27/2020
<b>Mercury</b>	<b>SW7471B</b>			Prep Date: <b>3/6/2020</b>		Analyst: <b>LB</b>
Mercury	ND	0.020		mg/Kg-dry	1	3/9/2020
<b>pH (25 °C)</b>	<b>SW9045C</b>			Prep Date: <b>2/19/2020</b>		Analyst: <b>JAR</b>
pH	8.87			pH Units	1	2/19/2020
<b>Percent Moisture</b>	<b>D2974</b>			Prep Date: <b>2/14/2020</b>		Analyst: <b>FN</b>
Percent Moisture	12.0	0.2	*	wt%	1	2/17/2020

**Qualifiers:**

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

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



**STAT Analysis Corporation**

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

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

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

Date Reported: March 10, 2020

Date Printed: March 10, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-13-02 (0-1.5)

Work Order: 20020373 Revision 0

Collection Date: 2/12/2020 11:00:00 AM

Project: 81.0220509.75, IDOT WO37 Elk Grove, Elk Grove

Matrix: Soil

Lab ID: 20020373-010

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Volatile Organic Compounds by GC/MS</b>		<b>SW5035/8260B</b>		Prep Date: 2/14/2020		Analyst: JDT
Acetone	ND	0.087		mg/Kg-dry	1	2/20/2020
Benzene	ND	0.0058		mg/Kg-dry	1	2/20/2020
Bromodichloromethane	ND	0.0058		mg/Kg-dry	1	2/20/2020
Bromoform	ND	0.0058		mg/Kg-dry	1	2/20/2020
Bromomethane	ND	0.012		mg/Kg-dry	1	2/20/2020
2-Butanone	ND	0.087		mg/Kg-dry	1	2/20/2020
Carbon disulfide	ND	0.058		mg/Kg-dry	1	2/20/2020
Carbon tetrachloride	ND	0.0058		mg/Kg-dry	1	2/20/2020
Chlorobenzene	ND	0.0058		mg/Kg-dry	1	2/20/2020
Chloroethane	ND	0.012		mg/Kg-dry	1	2/20/2020
Chloroform	ND	0.0058		mg/Kg-dry	1	2/20/2020
Chloromethane	ND	0.012		mg/Kg-dry	1	2/20/2020
Dibromochloromethane	ND	0.0058		mg/Kg-dry	1	2/20/2020
1,1-Dichloroethane	ND	0.0058		mg/Kg-dry	1	2/20/2020
1,2-Dichloroethane	ND	0.0058		mg/Kg-dry	1	2/20/2020
1,1-Dichloroethene	ND	0.0058		mg/Kg-dry	1	2/20/2020
cis-1,2-Dichloroethene	ND	0.0058		mg/Kg-dry	1	2/20/2020
trans-1,2-Dichloroethene	ND	0.0058		mg/Kg-dry	1	2/20/2020
1,2-Dichloropropane	ND	0.0058		mg/Kg-dry	1	2/20/2020
cis-1,3-Dichloropropene	ND	0.0023		mg/Kg-dry	1	2/20/2020
trans-1,3-Dichloropropene	ND	0.0023		mg/Kg-dry	1	2/20/2020
Ethylbenzene	ND	0.0058		mg/Kg-dry	1	2/20/2020
2-Hexanone	ND	0.023		mg/Kg-dry	1	2/20/2020
4-Methyl-2-pentanone	ND	0.023		mg/Kg-dry	1	2/20/2020
Methylene chloride	ND	0.012		mg/Kg-dry	1	2/20/2020
Methyl tert-butyl ether	ND	0.0058		mg/Kg-dry	1	2/20/2020
Styrene	ND	0.0058		mg/Kg-dry	1	2/20/2020
1,1,2,2-Tetrachloroethane	ND	0.0058		mg/Kg-dry	1	2/20/2020
Tetrachloroethene	ND	0.0058		mg/Kg-dry	1	2/20/2020
Toluene	ND	0.0058		mg/Kg-dry	1	2/20/2020
1,1,1-Trichloroethane	ND	0.0058		mg/Kg-dry	1	2/20/2020
1,1,2-Trichloroethane	ND	0.0058		mg/Kg-dry	1	2/20/2020
Trichloroethene	ND	0.0058		mg/Kg-dry	1	2/20/2020
Vinyl chloride	ND	0.0058		mg/Kg-dry	1	2/20/2020
Xylenes, Total	ND	0.017		mg/Kg-dry	1	2/20/2020
<b>Semivolatile Organic Compounds by GC/MS</b>		<b>SW8270D (SW3550B)</b>		Prep Date: 2/14/2020		Analyst: DM
Acenaphthene	ND	0.041		mg/Kg-dry	1	2/18/2020
Acenaphthylene	ND	0.041		mg/Kg-dry	1	2/18/2020

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

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

**STAT Analysis Corporation**

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

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

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

Date Reported: March 10, 2020

Date Printed: March 10, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-13-02 (0-1.5)

Work Order: 20020373 Revision 0

Collection Date: 2/12/2020 11:00:00 AM

Project: 81.0220509.75, IDOT WO37 Elk Grove, Elk Grove

Matrix: Soil

Lab ID: 20020373-010

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Semivolatile Organic Compounds by GC/MS</b>	<b>SW8270D (SW3550B)</b>				Prep Date: 2/14/2020	Analyst: DM
Aniline	ND	0.42		mg/Kg-dry	1	2/18/2020
Anthracene	ND	0.041		mg/Kg-dry	1	2/18/2020
Benz(a)anthracene	0.10	0.041		mg/Kg-dry	1	2/18/2020
Benzidine	ND	0.41		mg/Kg-dry	1	2/18/2020
Benzo(a)pyrene	0.14	0.041		mg/Kg-dry	1	2/18/2020
Benzo(b)fluoranthene	0.16	0.041		mg/Kg-dry	1	2/18/2020
Benzo(g,h,i)perylene	0.097	0.041		mg/Kg-dry	1	2/18/2020
Benzo(k)fluoranthene	0.12	0.041		mg/Kg-dry	1	2/18/2020
Benzoic acid	ND	1.0		mg/Kg-dry	1	2/18/2020
Benzyl alcohol	ND	0.21		mg/Kg-dry	1	2/18/2020
Bis(2-chloroethoxy)methane	ND	0.21		mg/Kg-dry	1	2/18/2020
Bis(2-chloroethyl)ether	ND	0.21		mg/Kg-dry	1	2/18/2020
Bis(2-ethylhexyl)phthalate	ND	1.0		mg/Kg-dry	1	2/18/2020
4-Bromophenyl phenyl ether	ND	0.21		mg/Kg-dry	1	2/18/2020
Butyl benzyl phthalate	ND	0.21		mg/Kg-dry	1	2/18/2020
Carbazole	ND	0.21		mg/Kg-dry	1	2/18/2020
4-Chloroaniline	ND	0.21		mg/Kg-dry	1	2/18/2020
4-Chloro-3-methylphenol	ND	0.41		mg/Kg-dry	1	2/18/2020
2-Chloronaphthalene	ND	0.21		mg/Kg-dry	1	2/18/2020
2-Chlorophenol	ND	0.21		mg/Kg-dry	1	2/18/2020
4-Chlorophenyl phenyl ether	ND	0.21		mg/Kg-dry	1	2/18/2020
Chrysene	0.14	0.041		mg/Kg-dry	1	2/18/2020
Dibenz(a,h)anthracene	0.055	0.041		mg/Kg-dry	1	2/18/2020
Dibenzofuran	ND	0.21		mg/Kg-dry	1	2/18/2020
1,2-Dichlorobenzene	ND	0.21		mg/Kg-dry	1	2/18/2020
1,3-Dichlorobenzene	ND	0.21		mg/Kg-dry	1	2/18/2020
1,4-Dichlorobenzene	ND	0.21		mg/Kg-dry	1	2/18/2020
3,3'-Dichlorobenzidine	ND	0.21		mg/Kg-dry	1	2/18/2020
2,4-Dichlorophenol	ND	0.21		mg/Kg-dry	1	2/18/2020
Diethyl phthalate	ND	0.21		mg/Kg-dry	1	2/18/2020
2,4-Dimethylphenol	ND	0.21		mg/Kg-dry	1	2/18/2020
Dimethyl phthalate	ND	0.21		mg/Kg-dry	1	2/18/2020
4,6-Dinitro-2-methylphenol	ND	0.41		mg/Kg-dry	1	2/18/2020
2,4-Dinitrophenol	ND	1.0		mg/Kg-dry	1	2/18/2020
2,4-Dinitrotoluene	ND	0.041		mg/Kg-dry	1	2/18/2020
2,6-Dinitrotoluene	ND	0.041		mg/Kg-dry	1	2/18/2020
Di-n-butyl phthalate	ND	0.21		mg/Kg-dry	1	2/18/2020
Di-n-octyl phthalate	ND	0.21		mg/Kg-dry	1	2/18/2020

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers: J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded

**STAT Analysis Corporation**

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

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

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

Date Reported: March 10, 2020

Date Printed: March 10, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-13-02 (0-1.5)

Work Order: 20020373 Revision 0

Collection Date: 2/12/2020 11:00:00 AM

Project: 81.0220509.75, IDOT WO37 Elk Grove, Elk Grove

Matrix: Soil

Lab ID: 20020373-010

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
----------	--------	----	-----------	-------	----	---------------

Semivolatile Organic Compounds by GC/MS	SW8270D (SW3550B)	Prep Date: 2/14/2020	Analyst: DM
---	-------------------	----------------------	-------------

Fluoranthene	0.23	0.041	mg/Kg-dry	1	2/18/2020
Fluorene	ND	0.041	mg/Kg-dry	1	2/18/2020
Hexachlorobenzene	ND	0.21	mg/Kg-dry	1	2/18/2020
Hexachlorobutadiene	ND	0.21	mg/Kg-dry	1	2/18/2020
Hexachlorocyclopentadiene	ND	0.21	mg/Kg-dry	1	2/18/2020
Hexachloroethane	ND	0.21	mg/Kg-dry	1	2/18/2020
Indeno(1,2,3-cd)pyrene	0.11	0.041	mg/Kg-dry	1	2/18/2020
Isophorone	ND	0.21	mg/Kg-dry	1	2/18/2020
2-Methylnaphthalene	ND	0.21	mg/Kg-dry	1	2/18/2020
2-Methylphenol	ND	0.21	mg/Kg-dry	1	2/18/2020
4-Methylphenol	ND	0.21	mg/Kg-dry	1	2/18/2020
Naphthalene	ND	0.041	mg/Kg-dry	1	2/18/2020
2-Nitroaniline	ND	0.21	mg/Kg-dry	1	2/18/2020
3-Nitroaniline	ND	0.21	mg/Kg-dry	1	2/18/2020
4-Nitroaniline	ND	0.21	mg/Kg-dry	1	2/18/2020
2-Nitrophenol	ND	0.21	mg/Kg-dry	1	2/18/2020
4-Nitrophenol	ND	0.41	mg/Kg-dry	1	2/18/2020
Nitrobenzene	ND	0.041	mg/Kg-dry	1	2/18/2020
N-Nitrosodi-n-propylamine	ND	0.041	mg/Kg-dry	1	2/18/2020
N-Nitrosodimethylamine	ND	0.21	mg/Kg-dry	1	2/18/2020
N-Nitrosodiphenylamine	ND	0.041	mg/Kg-dry	1	2/18/2020
2, 2'-oxybis(1-Chloropropane)	ND	0.21	mg/Kg-dry	1	2/18/2020
Pentachlorophenol	ND	0.041	mg/Kg-dry	1	2/18/2020
Phenanthrene	0.060	0.041	mg/Kg-dry	1	2/18/2020
Phenol	ND	0.21	mg/Kg-dry	1	2/18/2020
Pyrene	0.19	0.041	mg/Kg-dry	1	2/18/2020
Pyridine	ND	0.84	mg/Kg-dry	1	2/18/2020
1,2,4-Trichlorobenzene	ND	0.21	mg/Kg-dry	1	2/18/2020
2,4,5-Trichlorophenol	ND	0.21	mg/Kg-dry	1	2/18/2020
2,4,6-Trichlorophenol	ND	0.21	mg/Kg-dry	1	2/18/2020

Metals by ICP/MS	SW6020A (SW3050B)	Prep Date: 2/19/2020	Analyst: MDT
------------------	-------------------	----------------------	--------------

Antimony	ND	2.1	mg/Kg-dry	10	2/20/2020
Arsenic	7.3	1.1	mg/Kg-dry	10	2/20/2020
Barium	88	1.1	mg/Kg-dry	10	2/20/2020
Beryllium	ND	0.53	mg/Kg-dry	10	2/20/2020
Cadmium	ND	0.53	mg/Kg-dry	10	2/20/2020
Calcium	73000	64	mg/Kg-dry	10	2/20/2020
Chromium	18	1.1	mg/Kg-dry	10	2/20/2020

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

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

**STAT Analysis Corporation**

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

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

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

Date Reported: March 10, 2020

Date Printed: March 10, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-13-02 (0-1.5)

Work Order: 20020373 Revision 0

Collection Date: 2/12/2020 11:00:00 AM

Project: 81.0220509.75, IDOT WO37 Elk Grove, Elk Grove

Matrix: Soil

Lab ID: 20020373-010

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Metals by ICP/MS</b>		<b>SW6020A (SW3050B)</b>		Prep Date: <b>2/19/2020</b>		Analyst: <b>MDT</b>
Cobalt	8.3	1.1		mg/Kg-dry	10	2/20/2020
Copper	22	2.6		mg/Kg-dry	10	2/20/2020
Iron	19000	32		mg/Kg-dry	10	2/20/2020
Lead	42	0.53		mg/Kg-dry	10	2/20/2020
Magnesium	39000	32		mg/Kg-dry	10	2/20/2020
Manganese	500	1.1		mg/Kg-dry	10	2/20/2020
Nickel	21	1.1		mg/Kg-dry	10	2/20/2020
Potassium	1600	32		mg/Kg-dry	10	2/20/2020
Selenium	ND	1.1		mg/Kg-dry	10	2/20/2020
Silver	ND	1.1		mg/Kg-dry	10	2/20/2020
Sodium	220	64		mg/Kg-dry	10	2/20/2020
Thallium	ND	1.1		mg/Kg-dry	10	2/20/2020
Vanadium	23	1.1		mg/Kg-dry	10	2/20/2020
Zinc	66	5.3		mg/Kg-dry	10	2/20/2020
<b>SPLP Metals by ICP/MS</b>		<b>SW1312/6020A (SW3005A)</b>		Prep Date: <b>2/18/2020</b>		Analyst: <b>MDT</b>
Arsenic	ND	0.0040		mg/L	2	2/19/2020
Barium	ND	0.020		mg/L	2	2/19/2020
Beryllium	ND	0.0020		mg/L	2	2/19/2020
Cadmium	ND	0.0020		mg/L	2	2/19/2020
Chromium	ND	0.0080		mg/L	2	2/19/2020
Cobalt	ND	0.0040		mg/L	2	2/19/2020
Copper	ND	0.020		mg/L	2	2/19/2020
Iron	0.96	0.20		mg/L	2	2/19/2020
Lead	ND	0.0020		mg/L	2	2/19/2020
Manganese	0.011	0.0040		mg/L	2	2/19/2020
Nickel	ND	0.0080		mg/L	2	2/19/2020
Selenium	ND	0.0040		mg/L	2	2/19/2020
Silver	ND	0.0040		mg/L	2	2/19/2020
Zinc	ND	0.080		mg/L	2	2/19/2020
<b>TCLP Metals by ICP/MS</b>		<b>SW1311/6020A (SW3005A)</b>		Prep Date: <b>2/18/2020</b>		Analyst: <b>MDT</b>
Arsenic	ND	0.010		mg/L	5	2/19/2020
Barium	0.56	0.050		mg/L	5	2/19/2020
Beryllium	ND	0.0050		mg/L	5	2/19/2020
Cadmium	ND	0.0050		mg/L	5	2/19/2020
Chromium	ND	0.010		mg/L	5	2/19/2020
Cobalt	ND	0.010		mg/L	5	2/19/2020
Copper	ND	0.10		mg/L	5	2/19/2020

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers: J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded

**STAT Analysis Corporation**

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

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

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

Date Reported: March 10, 2020

Date Printed: March 10, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-13-02 (0-1.5)

Work Order: 20020373 Revision 0

Collection Date: 2/12/2020 11:00:00 AM

Project: 81.0220509.75, IDOT WO37 Elk Grove, Elk Grove

Matrix: Soil

Lab ID: 20020373-010

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>TCLP Metals by ICP/MS</b>	<b>SW1311/6020A (SW3005A)</b>		Prep Date: <b>2/18/2020</b>		Analyst: <b>MDT</b>	
Iron	ND	0.25		mg/L	5	2/19/2020
Lead	ND	0.0050		mg/L	5	2/19/2020
Manganese	0.30	0.010		mg/L	5	2/19/2020
Nickel	ND	0.010		mg/L	5	2/19/2020
Selenium	ND	0.010		mg/L	5	2/19/2020
Silver	ND	0.010		mg/L	5	2/19/2020
Zinc	ND	0.050		mg/L	5	2/19/2020
<b>TCLP Mercury</b>	<b>SW1311/7470A</b>		Prep Date: <b>2/18/2020</b>		Analyst: <b>LB</b>	
Mercury	ND	0.00020		mg/L	1	2/19/2020
<b>SPLP Mercury</b>	<b>SW1312/7470A</b>		Prep Date: <b>2/24/2020</b>		Analyst: <b>LB</b>	
Mercury	ND	0.00020		mg/L	1	2/27/2020
<b>Mercury</b>	<b>SW7471B</b>		Prep Date: <b>3/6/2020</b>		Analyst: <b>LB</b>	
Mercury	0.029	0.019		mg/Kg-dry	1	3/9/2020
<b>pH (25 °C)</b>	<b>SW9045C</b>		Prep Date: <b>2/19/2020</b>		Analyst: <b>JAR</b>	
pH	8.29			pH Units	1	2/19/2020
<b>Percent Moisture</b>	<b>D2974</b>		Prep Date: <b>2/14/2020</b>		Analyst: <b>FN</b>	
Percent Moisture	20.0	0.2	*	wt%	1	2/17/2020

**Qualifiers:**

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

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

**STAT Analysis Corporation**

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

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

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

Date Reported: March 10, 2020

Date Printed: March 10, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-14-04 (0-4)

Work Order: 20020373 Revision 0

Collection Date: 2/12/2020 12:56:00 PM

Project: 81.0220509.75, IDOT WO37 Elk Grove, Elk Grove

Matrix: Soil

Lab ID: 20020373-016

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Volatile Organic Compounds by GC/MS</b>		<b>SW5035/8260B</b>		Prep Date: 2/14/2020		Analyst: JDT
Acetone	ND	0.073		mg/Kg-dry	1	2/20/2020
Benzene	ND	0.0049		mg/Kg-dry	1	2/20/2020
Bromodichloromethane	ND	0.0049		mg/Kg-dry	1	2/20/2020
Bromoform	ND	0.0049		mg/Kg-dry	1	2/20/2020
Bromomethane	ND	0.0097		mg/Kg-dry	1	2/20/2020
2-Butanone	ND	0.073		mg/Kg-dry	1	2/20/2020
Carbon disulfide	ND	0.049		mg/Kg-dry	1	2/20/2020
Carbon tetrachloride	ND	0.0049		mg/Kg-dry	1	2/20/2020
Chlorobenzene	ND	0.0049		mg/Kg-dry	1	2/20/2020
Chloroethane	ND	0.0097		mg/Kg-dry	1	2/20/2020
Chloroform	ND	0.0049		mg/Kg-dry	1	2/20/2020
Chloromethane	ND	0.0097		mg/Kg-dry	1	2/20/2020
Dibromochloromethane	ND	0.0049		mg/Kg-dry	1	2/20/2020
1,1-Dichloroethane	ND	0.0049		mg/Kg-dry	1	2/20/2020
1,2-Dichloroethane	ND	0.0049		mg/Kg-dry	1	2/20/2020
1,1-Dichloroethene	ND	0.0049		mg/Kg-dry	1	2/20/2020
cis-1,2-Dichloroethene	ND	0.0049		mg/Kg-dry	1	2/20/2020
trans-1,2-Dichloroethene	ND	0.0049		mg/Kg-dry	1	2/20/2020
1,2-Dichloropropane	ND	0.0049		mg/Kg-dry	1	2/20/2020
cis-1,3-Dichloropropene	ND	0.0019		mg/Kg-dry	1	2/20/2020
trans-1,3-Dichloropropene	ND	0.0019		mg/Kg-dry	1	2/20/2020
Ethylbenzene	ND	0.0049		mg/Kg-dry	1	2/20/2020
2-Hexanone	ND	0.019		mg/Kg-dry	1	2/20/2020
4-Methyl-2-pentanone	ND	0.019		mg/Kg-dry	1	2/20/2020
Methylene chloride	ND	0.0097		mg/Kg-dry	1	2/20/2020
Methyl tert-butyl ether	ND	0.0049		mg/Kg-dry	1	2/20/2020
Styrene	ND	0.0049		mg/Kg-dry	1	2/20/2020
1,1,2,2-Tetrachloroethane	ND	0.0049		mg/Kg-dry	1	2/20/2020
Tetrachloroethene	ND	0.0049		mg/Kg-dry	1	2/20/2020
Toluene	ND	0.0049		mg/Kg-dry	1	2/20/2020
1,1,1-Trichloroethane	ND	0.0049		mg/Kg-dry	1	2/20/2020
1,1,2-Trichloroethane	ND	0.0049		mg/Kg-dry	1	2/20/2020
Trichloroethene	ND	0.0049		mg/Kg-dry	1	2/20/2020
Vinyl chloride	ND	0.0049		mg/Kg-dry	1	2/20/2020
Xylenes, Total	ND	0.015		mg/Kg-dry	1	2/20/2020
<b>Semivolatile Organic Compounds by GC/MS</b>		<b>SW8270D (SW3550B)</b>		Prep Date: 2/14/2020		Analyst: TEM
Acenaphthene	ND	0.041		mg/Kg-dry	1	2/18/2020
Acenaphthylene	ND	0.041		mg/Kg-dry	1	2/18/2020

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

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

**STAT Analysis Corporation**

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

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

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

Date Reported: March 10, 2020

Date Printed: March 10, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-14-04 (0-4)

Work Order: 20020373 Revision 0

Collection Date: 2/12/2020 12:56:00 PM

Project: 81.0220509.75, IDOT WO37 Elk Grove, Elk Grove

Matrix: Soil

Lab ID: 20020373-016

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Semivolatile Organic Compounds by GC/MS</b>	<b>SW8270D (SW3550B)</b>				Prep Date: 2/14/2020	Analyst: TEM
Aniline	ND	0.42		mg/Kg-dry	1	2/18/2020
Anthracene	ND	0.041		mg/Kg-dry	1	2/18/2020
Benz(a)anthracene	ND	0.041		mg/Kg-dry	1	2/18/2020
Benzidine	ND	0.41		mg/Kg-dry	1	2/18/2020
Benzo(a)pyrene	ND	0.041		mg/Kg-dry	1	2/18/2020
Benzo(b)fluoranthene	ND	0.041		mg/Kg-dry	1	2/18/2020
Benzo(g,h,i)perylene	ND	0.041		mg/Kg-dry	1	2/18/2020
Benzo(k)fluoranthene	ND	0.041		mg/Kg-dry	1	2/18/2020
Benzoic acid	ND	1.0		mg/Kg-dry	1	2/18/2020
Benzyl alcohol	ND	0.21		mg/Kg-dry	1	2/18/2020
Bis(2-chloroethoxy)methane	ND	0.21		mg/Kg-dry	1	2/18/2020
Bis(2-chloroethyl)ether	ND	0.21		mg/Kg-dry	1	2/18/2020
Bis(2-ethylhexyl)phthalate	ND	1.0		mg/Kg-dry	1	2/18/2020
4-Bromophenyl phenyl ether	ND	0.21		mg/Kg-dry	1	2/18/2020
Butyl benzyl phthalate	ND	0.21		mg/Kg-dry	1	2/18/2020
Carbazole	ND	0.21		mg/Kg-dry	1	2/18/2020
4-Chloroaniline	ND	0.21		mg/Kg-dry	1	2/18/2020
4-Chloro-3-methylphenol	ND	0.41		mg/Kg-dry	1	2/18/2020
2-Chloronaphthalene	ND	0.21		mg/Kg-dry	1	2/18/2020
2-Chlorophenol	ND	0.21		mg/Kg-dry	1	2/18/2020
4-Chlorophenyl phenyl ether	ND	0.21		mg/Kg-dry	1	2/18/2020
Chrysene	ND	0.041		mg/Kg-dry	1	2/18/2020
Dibenz(a,h)anthracene	ND	0.041		mg/Kg-dry	1	2/18/2020
Dibenzofuran	ND	0.21		mg/Kg-dry	1	2/18/2020
1,2-Dichlorobenzene	ND	0.21		mg/Kg-dry	1	2/18/2020
1,3-Dichlorobenzene	ND	0.21		mg/Kg-dry	1	2/18/2020
1,4-Dichlorobenzene	ND	0.21		mg/Kg-dry	1	2/18/2020
3,3'-Dichlorobenzidine	ND	0.21		mg/Kg-dry	1	2/18/2020
2,4-Dichlorophenol	ND	0.21		mg/Kg-dry	1	2/18/2020
Diethyl phthalate	ND	0.21		mg/Kg-dry	1	2/18/2020
2,4-Dimethylphenol	ND	0.21		mg/Kg-dry	1	2/18/2020
Dimethyl phthalate	ND	0.21		mg/Kg-dry	1	2/18/2020
4,6-Dinitro-2-methylphenol	ND	0.41		mg/Kg-dry	1	2/18/2020
2,4-Dinitrophenol	ND	1.0		mg/Kg-dry	1	2/18/2020
2,4-Dinitrotoluene	ND	0.041		mg/Kg-dry	1	2/18/2020
2,6-Dinitrotoluene	ND	0.041		mg/Kg-dry	1	2/18/2020
Di-n-butyl phthalate	ND	0.21		mg/Kg-dry	1	2/18/2020
Di-n-octyl phthalate	ND	0.21		mg/Kg-dry	1	2/18/2020

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers: J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded

**STAT Analysis Corporation**

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

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

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

Date Reported: March 10, 2020

Date Printed: March 10, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-14-04 (0-4)

Work Order: 20020373 Revision 0

Collection Date: 2/12/2020 12:56:00 PM

Project: 81.0220509.75, IDOT WO37 Elk Grove, Elk Grove

Matrix: Soil

Lab ID: 20020373-016

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Semivolatile Organic Compounds by GC/MS</b>						
	<b>SW8270D (SW3550B)</b>		Prep Date: <b>2/14/2020</b>		Analyst: <b>TEM</b>	
Fluoranthene	ND	0.041		mg/Kg-dry	1	2/18/2020
Fluorene	ND	0.041		mg/Kg-dry	1	2/18/2020
Hexachlorobenzene	ND	0.21		mg/Kg-dry	1	2/18/2020
Hexachlorobutadiene	ND	0.21		mg/Kg-dry	1	2/18/2020
Hexachlorocyclopentadiene	ND	0.21		mg/Kg-dry	1	2/18/2020
Hexachloroethane	ND	0.21		mg/Kg-dry	1	2/18/2020
Indeno(1,2,3-cd)pyrene	ND	0.041		mg/Kg-dry	1	2/18/2020
Isophorone	ND	0.21		mg/Kg-dry	1	2/18/2020
2-Methylnaphthalene	ND	0.21		mg/Kg-dry	1	2/18/2020
2-Methylphenol	ND	0.21		mg/Kg-dry	1	2/18/2020
4-Methylphenol	ND	0.21		mg/Kg-dry	1	2/18/2020
Naphthalene	ND	0.041		mg/Kg-dry	1	2/18/2020
2-Nitroaniline	ND	0.21		mg/Kg-dry	1	2/18/2020
3-Nitroaniline	ND	0.21		mg/Kg-dry	1	2/18/2020
4-Nitroaniline	ND	0.21		mg/Kg-dry	1	2/18/2020
2-Nitrophenol	ND	0.21		mg/Kg-dry	1	2/18/2020
4-Nitrophenol	ND	0.41		mg/Kg-dry	1	2/18/2020
Nitrobenzene	ND	0.041		mg/Kg-dry	1	2/18/2020
N-Nitrosodi-n-propylamine	ND	0.041		mg/Kg-dry	1	2/18/2020
N-Nitrosodimethylamine	ND	0.21		mg/Kg-dry	1	2/18/2020
N-Nitrosodiphenylamine	ND	0.041		mg/Kg-dry	1	2/18/2020
2, 2'-oxybis(1-Chloropropane)	ND	0.21		mg/Kg-dry	1	2/18/2020
Pentachlorophenol	ND	0.041		mg/Kg-dry	1	2/18/2020
Phenanthrene	ND	0.041		mg/Kg-dry	1	2/18/2020
Phenol	ND	0.21		mg/Kg-dry	1	2/18/2020
Pyrene	ND	0.041		mg/Kg-dry	1	2/18/2020
Pyridine	ND	0.84		mg/Kg-dry	1	2/18/2020
1,2,4-Trichlorobenzene	ND	0.21		mg/Kg-dry	1	2/18/2020
2,4,5-Trichlorophenol	ND	0.21		mg/Kg-dry	1	2/18/2020
2,4,6-Trichlorophenol	ND	0.21		mg/Kg-dry	1	2/18/2020
<b>Metals by ICP/MS</b>						
	<b>SW6020A (SW3050B)</b>		Prep Date: <b>2/19/2020</b>		Analyst: <b>MDT</b>	
Antimony	ND	2.1		mg/Kg-dry	10	2/20/2020
Arsenic	10	1.1		mg/Kg-dry	10	2/20/2020
Barium	120	1.1		mg/Kg-dry	10	2/20/2020
Beryllium	0.81	0.53		mg/Kg-dry	10	2/20/2020
Cadmium	ND	0.53		mg/Kg-dry	10	2/20/2020
Calcium	4300	64		mg/Kg-dry	10	2/20/2020
Chromium	22	1.1		mg/Kg-dry	10	2/20/2020

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers: J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded



**STAT Analysis Corporation**

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

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

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

Date Reported: March 10, 2020

Date Printed: March 10, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-14-04 (0-4)

Work Order: 20020373 Revision 0

Collection Date: 2/12/2020 12:56:00 PM

Project: 81.0220509.75, IDOT WO37 Elk Grove, Elk Grove

Matrix: Soil

Lab ID: 20020373-016

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Metals by ICP/MS</b>		<b>SW6020A (SW3050B)</b>		Prep Date: 2/19/2020		Analyst: MDT
Cobalt	10	1.1		mg/Kg-dry	10	2/20/2020
Copper	15	2.7		mg/Kg-dry	10	2/20/2020
Iron	23000	32		mg/Kg-dry	10	2/20/2020
Lead	15	0.53		mg/Kg-dry	10	2/20/2020
Magnesium	5100	32		mg/Kg-dry	10	2/20/2020
Manganese	430	1.1		mg/Kg-dry	10	2/20/2020
Nickel	25	1.1		mg/Kg-dry	10	2/20/2020
Potassium	1000	32		mg/Kg-dry	10	2/20/2020
Selenium	ND	1.1		mg/Kg-dry	10	2/20/2020
Silver	ND	1.1		mg/Kg-dry	10	2/20/2020
Sodium	780	64		mg/Kg-dry	10	2/20/2020
Thallium	ND	1.1		mg/Kg-dry	10	2/20/2020
Vanadium	34	1.1		mg/Kg-dry	10	2/20/2020
Zinc	63	5.3		mg/Kg-dry	10	2/20/2020
<b>SPLP Metals by ICP/MS</b>		<b>SW1312/6020A (SW3005A)</b>		Prep Date: 2/18/2020		Analyst: MDT
Arsenic	ND	0.0040		mg/L	2	2/19/2020
Barium	0.026	0.020		mg/L	2	2/19/2020
Beryllium	ND	0.0020		mg/L	2	2/19/2020
Cadmium	ND	0.0020		mg/L	2	2/19/2020
Chromium	0.010	0.0080		mg/L	2	2/19/2020
Cobalt	ND	0.0040		mg/L	2	2/19/2020
Copper	ND	0.020		mg/L	2	2/19/2020
Iron	4.7	0.20		mg/L	2	2/19/2020
Lead	ND	0.0020		mg/L	2	2/19/2020
Manganese	0.015	0.0040		mg/L	2	2/19/2020
Nickel	ND	0.0080		mg/L	2	2/19/2020
Selenium	ND	0.0040		mg/L	2	2/19/2020
Silver	ND	0.0040		mg/L	2	2/19/2020
Zinc	ND	0.080		mg/L	2	2/19/2020
<b>TCLP Metals by ICP/MS</b>		<b>SW1311/6020A (SW3005A)</b>		Prep Date: 2/18/2020		Analyst: MDT
Arsenic	ND	0.010		mg/L	5	2/19/2020
Barium	0.18	0.050		mg/L	5	2/19/2020
Beryllium	ND	0.0050		mg/L	5	2/19/2020
Cadmium	ND	0.0050		mg/L	5	2/19/2020
Chromium	ND	0.010		mg/L	5	2/19/2020
Cobalt	ND	0.010		mg/L	5	2/19/2020
Copper	ND	0.10		mg/L	5	2/19/2020

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers: J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded

**STAT Analysis Corporation**

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

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

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

Date Reported: March 10, 2020

Date Printed: March 10, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-14-04 (0-4)

Work Order: 20020373 Revision 0

Collection Date: 2/12/2020 12:56:00 PM

Project: 81.0220509.75, IDOT WO37 Elk Grove, Elk Grove

Matrix: Soil

Lab ID: 20020373-016

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>TCLP Metals by ICP/MS</b>	<b>SW1311/6020A (SW3005A)</b>			Prep Date: <b>2/18/2020</b>		Analyst: <b>MDT</b>
Iron	ND	0.25		mg/L	5	2/19/2020
Lead	ND	0.0050		mg/L	5	2/19/2020
Manganese	0.023	0.010		mg/L	5	2/19/2020
Nickel	ND	0.010		mg/L	5	2/19/2020
Selenium	ND	0.010		mg/L	5	2/19/2020
Silver	ND	0.010		mg/L	5	2/19/2020
Zinc	ND	0.050		mg/L	5	2/19/2020
<b>TCLP Mercury</b>	<b>SW1311/7470A</b>			Prep Date: <b>2/18/2020</b>		Analyst: <b>LB</b>
Mercury	ND	0.00020		mg/L	1	2/19/2020
<b>SPLP Mercury</b>	<b>SW1312/7470A</b>			Prep Date: <b>2/24/2020</b>		Analyst: <b>LB</b>
Mercury	ND	0.00020		mg/L	1	2/27/2020
<b>Mercury</b>	<b>SW7471B</b>			Prep Date: <b>3/6/2020</b>		Analyst: <b>LB</b>
Mercury	0.050	0.022		mg/Kg-dry	1	3/9/2020
<b>pH (25 °C)</b>	<b>SW9045C</b>			Prep Date: <b>2/19/2020</b>		Analyst: <b>JAR</b>
pH	8.70			pH Units	1	2/19/2020
<b>Percent Moisture</b>	<b>D2974</b>			Prep Date: <b>2/14/2020</b>		Analyst: <b>FN</b>
Percent Moisture	19.8	0.2	*	wt%	1	2/17/2020

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

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

**STAT Analysis Corporation**

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

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

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

Date Reported: March 10, 2020

Date Printed: March 10, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-14-04 (4-8)

Work Order: 20020373 Revision 0

Collection Date: 2/12/2020 12:59:00 PM

Project: 81.0220509.75, IDOT WO37 Elk Grove, Elk Grove

Matrix: Soil

Lab ID: 20020373-017

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Volatile Organic Compounds by GC/MS</b>		<b>SW5035/8260B</b>		Prep Date: 2/14/2020		Analyst: JDT
Acetone	ND	0.077		mg/Kg-dry	1	2/20/2020
Benzene	ND	0.0051		mg/Kg-dry	1	2/20/2020
Bromodichloromethane	ND	0.0051		mg/Kg-dry	1	2/20/2020
Bromoform	ND	0.0051		mg/Kg-dry	1	2/20/2020
Bromomethane	ND	0.010		mg/Kg-dry	1	2/20/2020
2-Butanone	ND	0.077		mg/Kg-dry	1	2/20/2020
Carbon disulfide	ND	0.051		mg/Kg-dry	1	2/20/2020
Carbon tetrachloride	ND	0.0051		mg/Kg-dry	1	2/20/2020
Chlorobenzene	ND	0.0051		mg/Kg-dry	1	2/20/2020
Chloroethane	ND	0.010		mg/Kg-dry	1	2/20/2020
Chloroform	ND	0.0051		mg/Kg-dry	1	2/20/2020
Chloromethane	ND	0.010		mg/Kg-dry	1	2/20/2020
Dibromochloromethane	ND	0.0051		mg/Kg-dry	1	2/20/2020
1,1-Dichloroethane	ND	0.0051		mg/Kg-dry	1	2/20/2020
1,2-Dichloroethane	ND	0.0051		mg/Kg-dry	1	2/20/2020
1,1-Dichloroethene	ND	0.0051		mg/Kg-dry	1	2/20/2020
cis-1,2-Dichloroethene	ND	0.0051		mg/Kg-dry	1	2/20/2020
trans-1,2-Dichloroethene	ND	0.0051		mg/Kg-dry	1	2/20/2020
1,2-Dichloropropane	ND	0.0051		mg/Kg-dry	1	2/20/2020
cis-1,3-Dichloropropene	ND	0.0021		mg/Kg-dry	1	2/20/2020
trans-1,3-Dichloropropene	ND	0.0021		mg/Kg-dry	1	2/20/2020
Ethylbenzene	ND	0.0051		mg/Kg-dry	1	2/20/2020
2-Hexanone	ND	0.021		mg/Kg-dry	1	2/20/2020
4-Methyl-2-pentanone	ND	0.021		mg/Kg-dry	1	2/20/2020
Methylene chloride	ND	0.010		mg/Kg-dry	1	2/20/2020
Methyl tert-butyl ether	ND	0.0051		mg/Kg-dry	1	2/20/2020
Styrene	ND	0.0051		mg/Kg-dry	1	2/20/2020
1,1,2,2-Tetrachloroethane	ND	0.0051		mg/Kg-dry	1	2/20/2020
Tetrachloroethene	ND	0.0051		mg/Kg-dry	1	2/20/2020
Toluene	ND	0.0051		mg/Kg-dry	1	2/20/2020
1,1,1-Trichloroethane	ND	0.0051		mg/Kg-dry	1	2/20/2020
1,1,2-Trichloroethane	ND	0.0051		mg/Kg-dry	1	2/20/2020
Trichloroethene	ND	0.0051		mg/Kg-dry	1	2/20/2020
Vinyl chloride	ND	0.0051		mg/Kg-dry	1	2/20/2020
Xylenes, Total	ND	0.015		mg/Kg-dry	1	2/20/2020
<b>Semivolatile Organic Compounds by GC/MS</b>		<b>SW8270D (SW3550B)</b>		Prep Date: 2/14/2020		Analyst: TEM
Acenaphthene	ND	0.039		mg/Kg-dry	1	2/18/2020
Acenaphthylene	ND	0.039		mg/Kg-dry	1	2/18/2020

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

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

**STAT Analysis Corporation**

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

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

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

Date Reported: March 10, 2020

Date Printed: March 10, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-14-04 (4-8)

Work Order: 20020373 Revision 0

Collection Date: 2/12/2020 12:59:00 PM

Project: 81.0220509.75, IDOT WO37 Elk Grove, Elk Grove

Matrix: Soil

Lab ID: 20020373-017

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Semivolatile Organic Compounds by GC/MS</b>	<b>SW8270D (SW3550B)</b>				Prep Date: 2/14/2020	Analyst: TEM
Aniline	ND	0.39		mg/Kg-dry	1	2/18/2020
Anthracene	ND	0.039		mg/Kg-dry	1	2/18/2020
Benz(a)anthracene	ND	0.039		mg/Kg-dry	1	2/18/2020
Benzidine	ND	0.39		mg/Kg-dry	1	2/18/2020
Benzo(a)pyrene	ND	0.039		mg/Kg-dry	1	2/18/2020
Benzo(b)fluoranthene	ND	0.039		mg/Kg-dry	1	2/18/2020
Benzo(g,h,i)perylene	ND	0.039		mg/Kg-dry	1	2/18/2020
Benzo(k)fluoranthene	ND	0.039		mg/Kg-dry	1	2/18/2020
Benzoic acid	ND	0.97		mg/Kg-dry	1	2/18/2020
Benzyl alcohol	ND	0.20		mg/Kg-dry	1	2/18/2020
Bis(2-chloroethoxy)methane	ND	0.20		mg/Kg-dry	1	2/18/2020
Bis(2-chloroethyl)ether	ND	0.20		mg/Kg-dry	1	2/18/2020
Bis(2-ethylhexyl)phthalate	ND	0.97		mg/Kg-dry	1	2/18/2020
4-Bromophenyl phenyl ether	ND	0.20		mg/Kg-dry	1	2/18/2020
Butyl benzyl phthalate	ND	0.20		mg/Kg-dry	1	2/18/2020
Carbazole	ND	0.20		mg/Kg-dry	1	2/18/2020
4-Chloroaniline	ND	0.20		mg/Kg-dry	1	2/18/2020
4-Chloro-3-methylphenol	ND	0.39		mg/Kg-dry	1	2/18/2020
2-Chloronaphthalene	ND	0.20		mg/Kg-dry	1	2/18/2020
2-Chlorophenol	ND	0.20		mg/Kg-dry	1	2/18/2020
4-Chlorophenyl phenyl ether	ND	0.20		mg/Kg-dry	1	2/18/2020
Chrysene	ND	0.039		mg/Kg-dry	1	2/18/2020
Dibenz(a,h)anthracene	ND	0.039		mg/Kg-dry	1	2/18/2020
Dibenzofuran	ND	0.20		mg/Kg-dry	1	2/18/2020
1,2-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	2/18/2020
1,3-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	2/18/2020
1,4-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	2/18/2020
3,3'-Dichlorobenzidine	ND	0.20		mg/Kg-dry	1	2/18/2020
2,4-Dichlorophenol	ND	0.20		mg/Kg-dry	1	2/18/2020
Diethyl phthalate	ND	0.20		mg/Kg-dry	1	2/18/2020
2,4-Dimethylphenol	ND	0.20		mg/Kg-dry	1	2/18/2020
Dimethyl phthalate	ND	0.20		mg/Kg-dry	1	2/18/2020
4,6-Dinitro-2-methylphenol	ND	0.39		mg/Kg-dry	1	2/18/2020
2,4-Dinitrophenol	ND	0.97		mg/Kg-dry	1	2/18/2020
2,4-Dinitrotoluene	ND	0.039		mg/Kg-dry	1	2/18/2020
2,6-Dinitrotoluene	ND	0.039		mg/Kg-dry	1	2/18/2020
Di-n-butyl phthalate	ND	0.20		mg/Kg-dry	1	2/18/2020
Di-n-octyl phthalate	ND	0.20		mg/Kg-dry	1	2/18/2020

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

**Qualifiers:**

J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded

**STAT Analysis Corporation**

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

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

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

Date Reported: March 10, 2020

Date Printed: March 10, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-14-04 (4-8)

Work Order: 20020373 Revision 0

Collection Date: 2/12/2020 12:59:00 PM

Project: 81.0220509.75, IDOT WO37 Elk Grove, Elk Grove

Matrix: Soil

Lab ID: 20020373-017

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Semivolatile Organic Compounds by GC/MS</b>	<b>SW8270D (SW3550B)</b>				Prep Date: 2/14/2020	Analyst: TEM
Fluoranthene	ND	0.039		mg/Kg-dry	1	2/18/2020
Fluorene	ND	0.039		mg/Kg-dry	1	2/18/2020
Hexachlorobenzene	ND	0.20		mg/Kg-dry	1	2/18/2020
Hexachlorobutadiene	ND	0.20		mg/Kg-dry	1	2/18/2020
Hexachlorocyclopentadiene	ND	0.20		mg/Kg-dry	1	2/18/2020
Hexachloroethane	ND	0.20		mg/Kg-dry	1	2/18/2020
Indeno(1,2,3-cd)pyrene	ND	0.039		mg/Kg-dry	1	2/18/2020
Isophorone	ND	0.20		mg/Kg-dry	1	2/18/2020
2-Methylnaphthalene	ND	0.20		mg/Kg-dry	1	2/18/2020
2-Methylphenol	ND	0.20		mg/Kg-dry	1	2/18/2020
4-Methylphenol	ND	0.20		mg/Kg-dry	1	2/18/2020
Naphthalene	ND	0.039		mg/Kg-dry	1	2/18/2020
2-Nitroaniline	ND	0.20		mg/Kg-dry	1	2/18/2020
3-Nitroaniline	ND	0.20		mg/Kg-dry	1	2/18/2020
4-Nitroaniline	ND	0.20		mg/Kg-dry	1	2/18/2020
2-Nitrophenol	ND	0.20		mg/Kg-dry	1	2/18/2020
4-Nitrophenol	ND	0.39		mg/Kg-dry	1	2/18/2020
Nitrobenzene	ND	0.039		mg/Kg-dry	1	2/18/2020
N-Nitrosodi-n-propylamine	ND	0.039		mg/Kg-dry	1	2/18/2020
N-Nitrosodimethylamine	ND	0.20		mg/Kg-dry	1	2/18/2020
N-Nitrosodiphenylamine	ND	0.039		mg/Kg-dry	1	2/18/2020
2, 2'-oxybis(1-Chloropropane)	ND	0.20		mg/Kg-dry	1	2/18/2020
Pentachlorophenol	ND	0.039		mg/Kg-dry	1	2/18/2020
Phenanthrene	ND	0.039		mg/Kg-dry	1	2/18/2020
Phenol	ND	0.20		mg/Kg-dry	1	2/18/2020
Pyrene	ND	0.039		mg/Kg-dry	1	2/18/2020
Pyridine	ND	0.78		mg/Kg-dry	1	2/18/2020
1,2,4-Trichlorobenzene	ND	0.20		mg/Kg-dry	1	2/18/2020
2,4,5-Trichlorophenol	ND	0.20		mg/Kg-dry	1	2/18/2020
2,4,6-Trichlorophenol	ND	0.20		mg/Kg-dry	1	2/18/2020
<b>Metals by ICP/MS</b>	<b>SW6020A (SW3050B)</b>				Prep Date: 2/19/2020	Analyst: MDT
Antimony	ND	2.1		mg/Kg-dry	10	2/20/2020
Arsenic	13	1.1		mg/Kg-dry	10	2/20/2020
Barium	60	1.1		mg/Kg-dry	10	2/20/2020
Beryllium	ND	0.53		mg/Kg-dry	10	2/20/2020
Cadmium	ND	0.53		mg/Kg-dry	10	2/20/2020
Calcium	68000	63		mg/Kg-dry	10	2/20/2020
Chromium	21	1.1		mg/Kg-dry	10	2/20/2020

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers: J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded

**STAT Analysis Corporation**

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

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

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

Date Reported: March 10, 2020

Date Printed: March 10, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-14-04 (4-8)

Work Order: 20020373 Revision 0

Collection Date: 2/12/2020 12:59:00 PM

Project: 81.0220509.75, IDOT WO37 Elk Grove, Elk Grove

Matrix: Soil

Lab ID: 20020373-017

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Metals by ICP/MS</b>		<b>SW6020A (SW3050B)</b>		Prep Date: 2/19/2020		Analyst: MDT
Cobalt	15	1.1		mg/Kg-dry	10	2/20/2020
Copper	24	2.6		mg/Kg-dry	10	2/20/2020
Iron	27000	32		mg/Kg-dry	10	2/20/2020
Lead	16	0.53		mg/Kg-dry	10	2/20/2020
Magnesium	32000	32		mg/Kg-dry	10	2/20/2020
Manganese	620	1.1		mg/Kg-dry	10	2/20/2020
Nickel	37	1.1		mg/Kg-dry	10	2/20/2020
Potassium	2600	32		mg/Kg-dry	10	2/20/2020
Selenium	1.1	1.1		mg/Kg-dry	10	2/20/2020
Silver	ND	1.1		mg/Kg-dry	10	2/20/2020
Sodium	370	63		mg/Kg-dry	10	2/20/2020
Thallium	ND	1.1		mg/Kg-dry	10	2/20/2020
Vanadium	24	1.1		mg/Kg-dry	10	2/20/2020
Zinc	58	5.3		mg/Kg-dry	10	2/20/2020
<b>SPLP Metals by ICP/MS</b>		<b>SW1312/6020A (SW3005A)</b>		Prep Date: 2/18/2020		Analyst: MDT
Arsenic	ND	0.0040		mg/L	2	2/19/2020
Barium	0.021	0.020		mg/L	2	2/19/2020
Beryllium	ND	0.0020		mg/L	2	2/19/2020
Cadmium	ND	0.0020		mg/L	2	2/19/2020
Chromium	0.010	0.0080		mg/L	2	2/19/2020
Cobalt	ND	0.0040		mg/L	2	2/19/2020
Copper	ND	0.020		mg/L	2	2/19/2020
Iron	5.4	0.20		mg/L	2	2/19/2020
Lead	0.0026	0.0020		mg/L	2	2/19/2020
Manganese	0.027	0.0040		mg/L	2	2/19/2020
Nickel	0.0083	0.0080		mg/L	2	2/19/2020
Selenium	ND	0.0040		mg/L	2	2/19/2020
Silver	ND	0.0040		mg/L	2	2/19/2020
Zinc	ND	0.080		mg/L	2	2/19/2020
<b>TCLP Metals by ICP/MS</b>		<b>SW1311/6020A (SW3005A)</b>		Prep Date: 2/18/2020		Analyst: MDT
Arsenic	ND	0.010		mg/L	5	2/19/2020
Barium	0.27	0.050		mg/L	5	2/19/2020
Beryllium	ND	0.0050		mg/L	5	2/19/2020
Cadmium	ND	0.0050		mg/L	5	2/19/2020
Chromium	ND	0.010		mg/L	5	2/19/2020
Cobalt	0.020	0.010		mg/L	5	2/19/2020
Copper	ND	0.10		mg/L	5	2/19/2020

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers: J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded

**STAT Analysis Corporation**

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

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

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

Date Reported: March 10, 2020

Date Printed: March 10, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-14-04 (4-8)

Work Order: 20020373 Revision 0

Collection Date: 2/12/2020 12:59:00 PM

Project: 81.0220509.75, IDOT WO37 Elk Grove, Elk Grove

Matrix: Soil

Lab ID: 20020373-017

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>TCLP Metals by ICP/MS</b>	<b>SW1311/6020A (SW3005A)</b>			Prep Date: <b>2/18/2020</b>		Analyst: <b>MDT</b>
Iron	ND	0.25		mg/L	5	2/19/2020
Lead	ND	0.0050		mg/L	5	2/19/2020
Manganese	2.7	0.010		mg/L	5	2/19/2020
Nickel	0.013	0.010		mg/L	5	2/19/2020
Selenium	ND	0.010		mg/L	5	2/19/2020
Silver	ND	0.010		mg/L	5	2/19/2020
Zinc	ND	0.050		mg/L	5	2/19/2020
<b>TCLP Mercury</b>	<b>SW1311/7470A</b>			Prep Date: <b>2/18/2020</b>		Analyst: <b>LB</b>
Mercury	ND	0.00020		mg/L	1	2/18/2020
<b>SPLP Mercury</b>	<b>SW1312/7470A</b>			Prep Date: <b>2/24/2020</b>		Analyst: <b>LB</b>
Mercury	ND	0.00020		mg/L	1	2/27/2020
<b>Mercury</b>	<b>SW7471B</b>			Prep Date: <b>3/6/2020</b>		Analyst: <b>LB</b>
Mercury	ND	0.023		mg/Kg-dry	1	3/9/2020
<b>pH (25 °C)</b>	<b>SW9045C</b>			Prep Date: <b>2/19/2020</b>		Analyst: <b>JAR</b>
pH	8.62			pH Units	1	2/19/2020
<b>Percent Moisture</b>	<b>D2974</b>			Prep Date: <b>2/14/2020</b>		Analyst: <b>FN</b>
Percent Moisture	15.2	0.2	*	wt%	1	2/17/2020

**Qualifiers:**

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

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

**STAT Analysis Corporation**

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

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

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

Date Reported: March 13, 2020

Date Printed: March 13, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360VZ-22-03 (0-5)

Work Order: 20020556 Revision 0

Collection Date: 2/18/2020 1:30:00 PM

Project: 81.0220509.75, WO #37, Elk Grove

Matrix: Soil

Lab ID: 20020556-020

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Volatile Organic Compounds by GC/MS</b>		<b>SW5035/8260B</b>		Prep Date: <b>2/21/2020</b>		Analyst: <b>CBG</b>
Acetone	0.10	0.080		mg/Kg-dry	1	2/28/2020
Benzene	ND	0.0053		mg/Kg-dry	1	2/28/2020
Bromodichloromethane	ND	0.0053		mg/Kg-dry	1	2/28/2020
Bromoform	ND	0.0053		mg/Kg-dry	1	2/28/2020
Bromomethane	ND	0.011		mg/Kg-dry	1	2/28/2020
2-Butanone	ND	0.080		mg/Kg-dry	1	2/28/2020
Carbon disulfide	ND	0.053		mg/Kg-dry	1	2/28/2020
Carbon tetrachloride	ND	0.0053		mg/Kg-dry	1	2/28/2020
Chlorobenzene	ND	0.0053		mg/Kg-dry	1	2/28/2020
Chloroethane	ND	0.011		mg/Kg-dry	1	2/28/2020
Chloroform	ND	0.0053		mg/Kg-dry	1	2/28/2020
Chloromethane	ND	0.011		mg/Kg-dry	1	2/28/2020
Dibromochloromethane	ND	0.0053		mg/Kg-dry	1	2/28/2020
1,1-Dichloroethane	ND	0.0053		mg/Kg-dry	1	2/28/2020
1,2-Dichloroethane	ND	0.0053		mg/Kg-dry	1	2/28/2020
1,1-Dichloroethene	ND	0.0053		mg/Kg-dry	1	2/28/2020
cis-1,2-Dichloroethene	ND	0.0053		mg/Kg-dry	1	2/28/2020
trans-1,2-Dichloroethene	ND	0.0053		mg/Kg-dry	1	2/28/2020
1,2-Dichloropropane	ND	0.0053		mg/Kg-dry	1	2/28/2020
cis-1,3-Dichloropropene	ND	0.0021		mg/Kg-dry	1	2/28/2020
trans-1,3-Dichloropropene	ND	0.0021		mg/Kg-dry	1	2/28/2020
Ethylbenzene	ND	0.0053		mg/Kg-dry	1	2/28/2020
2-Hexanone	ND	0.021		mg/Kg-dry	1	2/28/2020
4-Methyl-2-pentanone	ND	0.021		mg/Kg-dry	1	2/28/2020
Methylene chloride	ND	0.011		mg/Kg-dry	1	2/28/2020
Methyl tert-butyl ether	ND	0.0053		mg/Kg-dry	1	2/28/2020
Styrene	ND	0.0053		mg/Kg-dry	1	2/28/2020
1,1,2,2-Tetrachloroethane	ND	0.0053		mg/Kg-dry	1	2/28/2020
Tetrachloroethene	ND	0.0053		mg/Kg-dry	1	2/28/2020
Toluene	ND	0.0053		mg/Kg-dry	1	2/28/2020
1,1,1-Trichloroethane	ND	0.0053		mg/Kg-dry	1	2/28/2020
1,1,2-Trichloroethane	ND	0.0053		mg/Kg-dry	1	2/28/2020
Trichloroethene	ND	0.0053		mg/Kg-dry	1	2/28/2020
Vinyl chloride	ND	0.0053		mg/Kg-dry	1	2/28/2020
Xylenes, Total	ND	0.016		mg/Kg-dry	1	2/28/2020
<b>Semivolatile Organic Compounds by GC/MS</b>		<b>SW8270D (SW3550B)</b>		Prep Date: <b>2/21/2020</b>		Analyst: <b>TEM</b>
Acenaphthene	ND	0.040		mg/Kg-dry	1	2/24/2020
Acenaphthylene	ND	0.040		mg/Kg-dry	1	2/24/2020

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

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



**STAT Analysis Corporation**

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

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

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

Date Reported: March 13, 2020

Date Printed: March 13, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360VZ-22-03 (0-5)

Work Order: 20020556 Revision 0

Collection Date: 2/18/2020 1:30:00 PM

Project: 81.0220509.75, WO #37, Elk Grove

Matrix: Soil

Lab ID: 20020556-020

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Semivolatile Organic Compounds by GC/MS</b>	<b>SW8270D (SW3550B)</b>				Prep Date: 2/21/2020	Analyst: TEM
Aniline	ND	0.40		mg/Kg-dry	1	2/24/2020
Anthracene	ND	0.040		mg/Kg-dry	1	2/24/2020
Benz(a)anthracene	ND	0.040		mg/Kg-dry	1	2/24/2020
Benzidine	ND	0.40		mg/Kg-dry	1	2/24/2020
Benzo(a)pyrene	ND	0.040		mg/Kg-dry	1	2/24/2020
Benzo(b)fluoranthene	ND	0.040		mg/Kg-dry	1	2/24/2020
Benzo(g,h,i)perylene	ND	0.040		mg/Kg-dry	1	2/24/2020
Benzo(k)fluoranthene	ND	0.040		mg/Kg-dry	1	2/24/2020
Benzoic acid	ND	1.0		mg/Kg-dry	1	2/24/2020
Benzyl alcohol	ND	0.20		mg/Kg-dry	1	2/24/2020
Bis(2-chloroethoxy)methane	ND	0.20		mg/Kg-dry	1	2/24/2020
Bis(2-chloroethyl)ether	ND	0.20		mg/Kg-dry	1	2/24/2020
Bis(2-ethylhexyl)phthalate	ND	1.0		mg/Kg-dry	1	2/24/2020
4-Bromophenyl phenyl ether	ND	0.20		mg/Kg-dry	1	2/24/2020
Butyl benzyl phthalate	ND	0.20		mg/Kg-dry	1	2/24/2020
Carbazole	ND	0.20		mg/Kg-dry	1	2/24/2020
4-Chloroaniline	ND	0.20		mg/Kg-dry	1	2/24/2020
4-Chloro-3-methylphenol	ND	0.40		mg/Kg-dry	1	2/24/2020
2-Chloronaphthalene	ND	0.20		mg/Kg-dry	1	2/24/2020
2-Chlorophenol	ND	0.20		mg/Kg-dry	1	2/24/2020
4-Chlorophenyl phenyl ether	ND	0.20		mg/Kg-dry	1	2/24/2020
Chrysene	ND	0.040		mg/Kg-dry	1	2/24/2020
Dibenz(a,h)anthracene	ND	0.040		mg/Kg-dry	1	2/24/2020
Dibenzofuran	ND	0.20		mg/Kg-dry	1	2/24/2020
1,2-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	2/24/2020
1,3-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	2/24/2020
1,4-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	2/24/2020
3,3'-Dichlorobenzidine	ND	0.20		mg/Kg-dry	1	2/24/2020
2,4-Dichlorophenol	ND	0.20		mg/Kg-dry	1	2/24/2020
Diethyl phthalate	ND	0.20		mg/Kg-dry	1	2/24/2020
2,4-Dimethylphenol	ND	0.20		mg/Kg-dry	1	2/24/2020
Dimethyl phthalate	ND	0.20		mg/Kg-dry	1	2/24/2020
4,6-Dinitro-2-methylphenol	ND	0.40		mg/Kg-dry	1	2/24/2020
2,4-Dinitrophenol	ND	1.0		mg/Kg-dry	1	2/24/2020
2,4-Dinitrotoluene	ND	0.040		mg/Kg-dry	1	2/24/2020
2,6-Dinitrotoluene	ND	0.040		mg/Kg-dry	1	2/24/2020
Di-n-butyl phthalate	ND	0.20		mg/Kg-dry	1	2/24/2020
Di-n-octyl phthalate	ND	0.20		mg/Kg-dry	1	2/24/2020

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

**Qualifiers:**

J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded

**STAT Analysis Corporation**

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

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

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

Date Reported: March 13, 2020

Date Printed: March 13, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360VZ-22-03 (0-5)

Work Order: 20020556 Revision 0

Collection Date: 2/18/2020 1:30:00 PM

Project: 81.0220509.75, WO #37, Elk Grove

Matrix: Soil

Lab ID: 20020556-020

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Semivolatile Organic Compounds by GC/MS</b>		<b>SW8270D (SW3550B)</b>		Prep Date: <b>2/21/2020</b>		Analyst: <b>TEM</b>
Fluoranthene	ND	0.040		mg/Kg-dry	1	2/24/2020
Fluorene	ND	0.040		mg/Kg-dry	1	2/24/2020
Hexachlorobenzene	ND	0.20		mg/Kg-dry	1	2/24/2020
Hexachlorobutadiene	ND	0.20		mg/Kg-dry	1	2/24/2020
Hexachlorocyclopentadiene	ND	0.20		mg/Kg-dry	1	2/24/2020
Hexachloroethane	ND	0.20		mg/Kg-dry	1	2/24/2020
Indeno(1,2,3-cd)pyrene	ND	0.040		mg/Kg-dry	1	2/24/2020
Isophorone	ND	0.20		mg/Kg-dry	1	2/24/2020
2-Methylnaphthalene	ND	0.20		mg/Kg-dry	1	2/24/2020
2-Methylphenol	ND	0.20		mg/Kg-dry	1	2/24/2020
4-Methylphenol	ND	0.20		mg/Kg-dry	1	2/24/2020
Naphthalene	ND	0.040		mg/Kg-dry	1	2/24/2020
2-Nitroaniline	ND	0.20		mg/Kg-dry	1	2/24/2020
3-Nitroaniline	ND	0.20		mg/Kg-dry	1	2/24/2020
4-Nitroaniline	ND	0.20		mg/Kg-dry	1	2/24/2020
2-Nitrophenol	ND	0.20		mg/Kg-dry	1	2/24/2020
4-Nitrophenol	ND	0.40		mg/Kg-dry	1	2/24/2020
Nitrobenzene	ND	0.040		mg/Kg-dry	1	2/24/2020
N-Nitrosodi-n-propylamine	ND	0.040		mg/Kg-dry	1	2/24/2020
N-Nitrosodimethylamine	ND	0.20		mg/Kg-dry	1	2/24/2020
N-Nitrosodiphenylamine	ND	0.040		mg/Kg-dry	1	2/24/2020
2, 2'-oxybis(1-Chloropropane)	ND	0.20		mg/Kg-dry	1	2/24/2020
Pentachlorophenol	ND	0.040		mg/Kg-dry	1	2/24/2020
Phenanthrene	ND	0.040		mg/Kg-dry	1	2/24/2020
Phenol	ND	0.20		mg/Kg-dry	1	2/24/2020
Pyrene	ND	0.040		mg/Kg-dry	1	2/24/2020
Pyridine	ND	0.81		mg/Kg-dry	1	2/24/2020
1,2,4-Trichlorobenzene	ND	0.20		mg/Kg-dry	1	2/24/2020
2,4,5-Trichlorophenol	ND	0.20		mg/Kg-dry	1	2/24/2020
2,4,6-Trichlorophenol	ND	0.20		mg/Kg-dry	1	2/24/2020
<b>Metals by ICP/MS</b>		<b>SW6020A (SW3050B)</b>		Prep Date: <b>2/26/2020</b>		Analyst: <b>MDT</b>
Antimony	ND	2.2		mg/Kg-dry	10	2/26/2020
Arsenic	12	1.1		mg/Kg-dry	10	2/26/2020
Barium	130	1.1		mg/Kg-dry	10	2/26/2020
Beryllium	0.85	0.55		mg/Kg-dry	10	2/26/2020
Cadmium	ND	0.55		mg/Kg-dry	10	2/26/2020
Calcium	14000	65		mg/Kg-dry	10	2/26/2020
Chromium	20	1.1		mg/Kg-dry	10	2/26/2020

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers: J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded

**STAT Analysis Corporation**

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

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

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

Date Reported: March 13, 2020

Date Printed: March 13, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360VZ-22-03 (0-5)

Work Order: 20020556 Revision 0

Collection Date: 2/18/2020 1:30:00 PM

Project: 81.0220509.75, WO #37, Elk Grove

Matrix: Soil

Lab ID: 20020556-020

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Metals by ICP/MS</b>		<b>SW6020A (SW3050B)</b>		Prep Date: <b>2/26/2020</b>		Analyst: <b>MDT</b>
Cobalt	10	1.1		mg/Kg-dry	10	2/26/2020
Copper	27	2.7		mg/Kg-dry	10	2/26/2020
Iron	23000	33		mg/Kg-dry	10	2/26/2020
Lead	100	0.55		mg/Kg-dry	10	2/26/2020
Magnesium	7900	33		mg/Kg-dry	10	2/26/2020
Manganese	510	1.1		mg/Kg-dry	10	2/26/2020
Nickel	22	1.1		mg/Kg-dry	10	2/26/2020
Potassium	1600	33		mg/Kg-dry	10	2/26/2020
Selenium	1.6	1.1		mg/Kg-dry	10	2/26/2020
Silver	ND	1.1		mg/Kg-dry	10	2/26/2020
Sodium	2700	65		mg/Kg-dry	10	2/26/2020
Thallium	ND	1.1		mg/Kg-dry	10	2/26/2020
Vanadium	32	1.1		mg/Kg-dry	10	2/26/2020
Zinc	88	5.5		mg/Kg-dry	10	2/26/2020
<b>SPLP Metals by ICP/MS</b>		<b>SW1312/6020A (SW3005A)</b>		Prep Date: <b>2/27/2020</b>		Analyst: <b>MDT</b>
Arsenic	0.0076	0.0040		mg/L	2	2/27/2020
Barium	0.033	0.020		mg/L	2	2/27/2020
Beryllium	ND	0.0020		mg/L	2	2/27/2020
Cadmium	ND	0.0020		mg/L	2	2/27/2020
Chromium	0.0079	0.0040		mg/L	2	2/27/2020
Cobalt	ND	0.0040		mg/L	2	2/27/2020
Copper	ND	0.040		mg/L	2	2/27/2020
Iron	3.9	0.10		mg/L	2	2/27/2020
Lead	0.013	0.0020		mg/L	2	2/27/2020
Manganese	0.027	0.0040		mg/L	2	2/27/2020
Nickel	0.0069	0.0040		mg/L	2	2/27/2020
Selenium	ND	0.0040		mg/L	2	2/27/2020
Silver	ND	0.0040		mg/L	2	2/27/2020
Zinc	0.022	0.020		mg/L	2	2/27/2020
<b>TCLP Metals by ICP/MS</b>		<b>SW1311/6020A (SW3005A)</b>		Prep Date: <b>2/25/2020</b>		Analyst: <b>JG</b>
Arsenic	ND	0.010		mg/L	5	2/25/2020
Barium	0.53	0.050		mg/L	5	2/25/2020
Beryllium	ND	0.0050		mg/L	5	2/25/2020
Cadmium	ND	0.0050		mg/L	5	2/25/2020
Chromium	ND	0.010		mg/L	5	2/25/2020
Cobalt	ND	0.010		mg/L	5	2/25/2020
Copper	ND	0.10		mg/L	5	2/25/2020

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers: J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded

**STAT Analysis Corporation**

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

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

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

Date Reported: March 13, 2020

Date Printed: March 13, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Work Order: 20020556 Revision 0

Project: 81.0220509.75, WO #37, Elk Grove

Lab ID: 20020556-020

Client Sample ID: 2360VZ-22-03 (0-5)

Collection Date: 2/18/2020 1:30:00 PM

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>TCLP Metals by ICP/MS</b>	<b>SW1311/6020A (SW3005A)</b>			Prep Date: <b>2/25/2020</b>		Analyst: <b>JG</b>
Iron	ND	0.25		mg/L	5	2/25/2020
Lead	ND	0.0050		mg/L	5	2/25/2020
Manganese	1.3	0.010		mg/L	5	2/25/2020
Nickel	ND	0.010		mg/L	5	2/25/2020
Selenium	ND	0.010		mg/L	5	2/25/2020
Silver	ND	0.010		mg/L	5	2/25/2020
Zinc	ND	0.050		mg/L	5	2/25/2020
<b>TCLP Mercury</b>	<b>SW1311/7470A</b>			Prep Date: <b>3/9/2020</b>		Analyst: <b>MDT</b>
Mercury	ND	0.00020		mg/L	1	3/10/2020
<b>SPLP Mercury</b>	<b>SW1312/7470A</b>			Prep Date: <b>3/10/2020</b>		Analyst: <b>LB</b>
Mercury	ND	0.00020		mg/L	1	3/10/2020
<b>Mercury</b>	<b>SW7471B</b>			Prep Date: <b>3/11/2020</b>		Analyst: <b>LB</b>
Mercury	0.048	0.024		mg/Kg-dry	1	3/13/2020
<b>pH (25 °C)</b>	<b>SW9045C</b>			Prep Date: <b>2/26/2020</b>		Analyst: <b>FN</b>
pH	8.60			pH Units	1	2/26/2020
<b>Percent Moisture</b>	<b>D2974</b>			Prep Date: <b>2/21/2020</b>		Analyst: <b>FN</b>
Percent Moisture	18.6	0.2	*	wt%	1	2/24/2020

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

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

**STAT Analysis Corporation**

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

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

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

Date Reported: March 13, 2020

Date Printed: March 13, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360VZ-22-03 (5-10)

Work Order: 20020556 Revision 0

Collection Date: 2/18/2020 1:35:00 PM

Project: 81.0220509.75, WO #37, Elk Grove

Matrix: Soil

Lab ID: 20020556-021

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Volatile Organic Compounds by GC/MS</b>		<b>SW5035/8260B</b>		Prep Date: <b>2/21/2020</b>		Analyst: <b>CBG</b>
Acetone	ND	0.056		mg/Kg-dry	1	2/28/2020
Benzene	ND	0.0037		mg/Kg-dry	1	2/28/2020
Bromodichloromethane	ND	0.0037		mg/Kg-dry	1	2/28/2020
Bromoform	ND	0.0037		mg/Kg-dry	1	2/28/2020
Bromomethane	ND	0.0075		mg/Kg-dry	1	2/28/2020
2-Butanone	ND	0.056		mg/Kg-dry	1	2/28/2020
Carbon disulfide	ND	0.037		mg/Kg-dry	1	2/28/2020
Carbon tetrachloride	ND	0.0037		mg/Kg-dry	1	2/28/2020
Chlorobenzene	ND	0.0037		mg/Kg-dry	1	2/28/2020
Chloroethane	ND	0.0075		mg/Kg-dry	1	2/28/2020
Chloroform	ND	0.0037		mg/Kg-dry	1	2/28/2020
Chloromethane	ND	0.0075		mg/Kg-dry	1	2/28/2020
Dibromochloromethane	ND	0.0037		mg/Kg-dry	1	2/28/2020
1,1-Dichloroethane	ND	0.0037		mg/Kg-dry	1	2/28/2020
1,2-Dichloroethane	ND	0.0037		mg/Kg-dry	1	2/28/2020
1,1-Dichloroethene	ND	0.0037		mg/Kg-dry	1	2/28/2020
cis-1,2-Dichloroethene	ND	0.0037		mg/Kg-dry	1	2/28/2020
trans-1,2-Dichloroethene	ND	0.0037		mg/Kg-dry	1	2/28/2020
1,2-Dichloropropane	ND	0.0037		mg/Kg-dry	1	2/28/2020
cis-1,3-Dichloropropene	ND	0.0015		mg/Kg-dry	1	2/28/2020
trans-1,3-Dichloropropene	ND	0.0015		mg/Kg-dry	1	2/28/2020
Ethylbenzene	ND	0.0037		mg/Kg-dry	1	2/28/2020
2-Hexanone	ND	0.015		mg/Kg-dry	1	2/28/2020
4-Methyl-2-pentanone	ND	0.015		mg/Kg-dry	1	2/28/2020
Methylene chloride	ND	0.0075		mg/Kg-dry	1	2/28/2020
Methyl tert-butyl ether	ND	0.0037		mg/Kg-dry	1	2/28/2020
Styrene	ND	0.0037		mg/Kg-dry	1	2/28/2020
1,1,2,2-Tetrachloroethane	ND	0.0037		mg/Kg-dry	1	2/28/2020
Tetrachloroethene	ND	0.0037		mg/Kg-dry	1	2/28/2020
Toluene	ND	0.0037		mg/Kg-dry	1	2/28/2020
1,1,1-Trichloroethane	ND	0.0037		mg/Kg-dry	1	2/28/2020
1,1,2-Trichloroethane	ND	0.0037		mg/Kg-dry	1	2/28/2020
Trichloroethene	ND	0.0037		mg/Kg-dry	1	2/28/2020
Vinyl chloride	ND	0.0037		mg/Kg-dry	1	2/28/2020
Xylenes, Total	ND	0.011		mg/Kg-dry	1	2/28/2020
<b>Semivolatile Organic Compounds by GC/MS</b>		<b>SW8270D (SW3550B)</b>		Prep Date: <b>2/24/2020</b>		Analyst: <b>DM</b>
Acenaphthene	ND	0.039		mg/Kg-dry	1	2/24/2020
Acenaphthylene	ND	0.039		mg/Kg-dry	1	2/24/2020

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

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

**STAT Analysis Corporation**

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

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

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

Date Reported: March 13, 2020

Date Printed: March 13, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360VZ-22-03 (5-10)

Work Order: 20020556 Revision 0

Collection Date: 2/18/2020 1:35:00 PM

Project: 81.0220509.75, WO #37, Elk Grove

Matrix: Soil

Lab ID: 20020556-021

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Semivolatile Organic Compounds by GC/MS</b>	<b>SW8270D (SW3550B)</b>				Prep Date: 2/24/2020	Analyst: DM
Aniline	ND	0.39		mg/Kg-dry	1	2/24/2020
Anthracene	ND	0.039		mg/Kg-dry	1	2/24/2020
Benz(a)anthracene	ND	0.039		mg/Kg-dry	1	2/24/2020
Benzidine	ND	0.39		mg/Kg-dry	1	2/24/2020
Benzo(a)pyrene	ND	0.039		mg/Kg-dry	1	2/24/2020
Benzo(b)fluoranthene	ND	0.039		mg/Kg-dry	1	2/24/2020
Benzo(g,h,i)perylene	ND	0.039		mg/Kg-dry	1	2/24/2020
Benzo(k)fluoranthene	ND	0.039		mg/Kg-dry	1	2/24/2020
Benzoic acid	ND	0.98		mg/Kg-dry	1	2/24/2020
Benzyl alcohol	ND	0.20		mg/Kg-dry	1	2/24/2020
Bis(2-chloroethoxy)methane	ND	0.20		mg/Kg-dry	1	2/24/2020
Bis(2-chloroethyl)ether	ND	0.20		mg/Kg-dry	1	2/24/2020
Bis(2-ethylhexyl)phthalate	ND	0.98		mg/Kg-dry	1	2/24/2020
4-Bromophenyl phenyl ether	ND	0.20		mg/Kg-dry	1	2/24/2020
Butyl benzyl phthalate	ND	0.20		mg/Kg-dry	1	2/24/2020
Carbazole	ND	0.20		mg/Kg-dry	1	2/24/2020
4-Chloroaniline	ND	0.20		mg/Kg-dry	1	2/24/2020
4-Chloro-3-methylphenol	ND	0.39		mg/Kg-dry	1	2/24/2020
2-Chloronaphthalene	ND	0.20		mg/Kg-dry	1	2/24/2020
2-Chlorophenol	ND	0.20		mg/Kg-dry	1	2/24/2020
4-Chlorophenyl phenyl ether	ND	0.20		mg/Kg-dry	1	2/24/2020
Chrysene	ND	0.039		mg/Kg-dry	1	2/24/2020
Dibenz(a,h)anthracene	ND	0.039		mg/Kg-dry	1	2/24/2020
Dibenzofuran	ND	0.20		mg/Kg-dry	1	2/24/2020
1,2-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	2/24/2020
1,3-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	2/24/2020
1,4-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	2/24/2020
3,3'-Dichlorobenzidine	ND	0.20		mg/Kg-dry	1	2/24/2020
2,4-Dichlorophenol	ND	0.20		mg/Kg-dry	1	2/24/2020
Diethyl phthalate	ND	0.20		mg/Kg-dry	1	2/24/2020
2,4-Dimethylphenol	ND	0.20		mg/Kg-dry	1	2/24/2020
Dimethyl phthalate	ND	0.20		mg/Kg-dry	1	2/24/2020
4,6-Dinitro-2-methylphenol	ND	0.39		mg/Kg-dry	1	2/24/2020
2,4-Dinitrophenol	ND	0.98		mg/Kg-dry	1	2/24/2020
2,4-Dinitrotoluene	ND	0.039		mg/Kg-dry	1	2/24/2020
2,6-Dinitrotoluene	ND	0.039		mg/Kg-dry	1	2/24/2020
Di-n-butyl phthalate	ND	0.20		mg/Kg-dry	1	2/24/2020
Di-n-octyl phthalate	ND	0.20		mg/Kg-dry	1	2/24/2020

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

**Qualifiers:**

J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded

**STAT Analysis Corporation**

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

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

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

Date Reported: March 13, 2020

Date Printed: March 13, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360VZ-22-03 (5-10)

Work Order: 20020556 Revision 0

Collection Date: 2/18/2020 1:35:00 PM

Project: 81.0220509.75, WO #37, Elk Grove

Matrix: Soil

Lab ID: 20020556-021

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
----------	--------	----	-----------	-------	----	---------------

**Semivolatile Organic Compounds by GC/MS SW8270D (SW3550B) Prep Date: 2/24/2020 Analyst: DM**

Fluoranthene	ND	0.039		mg/Kg-dry	1	2/24/2020
Fluorene	ND	0.039		mg/Kg-dry	1	2/24/2020
Hexachlorobenzene	ND	0.20		mg/Kg-dry	1	2/24/2020
Hexachlorobutadiene	ND	0.20		mg/Kg-dry	1	2/24/2020
Hexachlorocyclopentadiene	ND	0.20		mg/Kg-dry	1	2/24/2020
Hexachloroethane	ND	0.20		mg/Kg-dry	1	2/24/2020
Indeno(1,2,3-cd)pyrene	ND	0.039		mg/Kg-dry	1	2/24/2020
Isophorone	ND	0.20		mg/Kg-dry	1	2/24/2020
2-Methylnaphthalene	ND	0.20		mg/Kg-dry	1	2/24/2020
2-Methylphenol	ND	0.20		mg/Kg-dry	1	2/24/2020
4-Methylphenol	ND	0.20		mg/Kg-dry	1	2/24/2020
Naphthalene	ND	0.039		mg/Kg-dry	1	2/24/2020
2-Nitroaniline	ND	0.20		mg/Kg-dry	1	2/24/2020
3-Nitroaniline	ND	0.20		mg/Kg-dry	1	2/24/2020
4-Nitroaniline	ND	0.20		mg/Kg-dry	1	2/24/2020
2-Nitrophenol	ND	0.20		mg/Kg-dry	1	2/24/2020
4-Nitrophenol	ND	0.39		mg/Kg-dry	1	2/24/2020
Nitrobenzene	ND	0.039		mg/Kg-dry	1	2/24/2020
N-Nitrosodi-n-propylamine	ND	0.039		mg/Kg-dry	1	2/24/2020
N-Nitrosodimethylamine	ND	0.20		mg/Kg-dry	1	2/24/2020
N-Nitrosodiphenylamine	ND	0.039		mg/Kg-dry	1	2/24/2020
2, 2'-oxybis(1-Chloropropane)	ND	0.20		mg/Kg-dry	1	2/24/2020
Pentachlorophenol	ND	0.039		mg/Kg-dry	1	2/24/2020
Phenanthrene	ND	0.039		mg/Kg-dry	1	2/24/2020
Phenol	ND	0.20		mg/Kg-dry	1	2/24/2020
Pyrene	ND	0.039		mg/Kg-dry	1	2/24/2020
Pyridine	ND	0.79		mg/Kg-dry	1	2/24/2020
1,2,4-Trichlorobenzene	ND	0.20		mg/Kg-dry	1	2/24/2020
2,4,5-Trichlorophenol	ND	0.20		mg/Kg-dry	1	2/24/2020
2,4,6-Trichlorophenol	ND	0.20		mg/Kg-dry	1	2/24/2020

**Metals by ICP/MS SW6020A (SW3050B) Prep Date: 2/26/2020 Analyst: MDT**

Antimony	ND	2.0		mg/Kg-dry	10	2/26/2020
Arsenic	11	1.0		mg/Kg-dry	10	2/26/2020
Barium	79	1.0		mg/Kg-dry	10	2/26/2020
Beryllium	0.54	0.50		mg/Kg-dry	10	2/26/2020
Cadmium	ND	0.50		mg/Kg-dry	10	2/26/2020
Calcium	70000	60		mg/Kg-dry	10	2/26/2020
Chromium	22	1.0		mg/Kg-dry	10	2/26/2020

**Qualifiers:**  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 HT - Sample received past holding time  
 \* - Non-accredited parameter

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

**STAT Analysis Corporation**

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

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

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

Date Reported: March 13, 2020

Date Printed: March 13, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360VZ-22-03 (5-10)

Work Order: 20020556 Revision 0

Collection Date: 2/18/2020 1:35:00 PM

Project: 81.0220509.75, WO #37, Elk Grove

Matrix: Soil

Lab ID: 20020556-021

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Metals by ICP/MS</b>		<b>SW6020A (SW3050B)</b>		Prep Date: <b>2/26/2020</b>		Analyst: <b>MDT</b>
Cobalt	14	1.0		mg/Kg-dry	10	2/26/2020
Copper	27	2.5		mg/Kg-dry	10	2/26/2020
Iron	27000	30		mg/Kg-dry	10	2/26/2020
Lead	15	0.50		mg/Kg-dry	10	2/26/2020
Magnesium	36000	30		mg/Kg-dry	10	2/26/2020
Manganese	640	1.0		mg/Kg-dry	10	2/26/2020
Nickel	36	1.0		mg/Kg-dry	10	2/26/2020
Potassium	2900	30		mg/Kg-dry	10	2/26/2020
Selenium	ND	1.0		mg/Kg-dry	10	2/26/2020
Silver	ND	1.0		mg/Kg-dry	10	2/26/2020
Sodium	910	60		mg/Kg-dry	10	2/26/2020
Thallium	ND	1.0		mg/Kg-dry	10	2/26/2020
Vanadium	26	1.0		mg/Kg-dry	10	2/26/2020
Zinc	56	5.0		mg/Kg-dry	10	2/26/2020
<b>SPLP Metals by ICP/MS</b>		<b>SW1312/6020A (SW3005A)</b>		Prep Date: <b>2/27/2020</b>		Analyst: <b>MDT</b>
Arsenic	ND	0.0040		mg/L	2	2/27/2020
Barium	ND	0.020		mg/L	2	2/27/2020
Beryllium	ND	0.0020		mg/L	2	2/27/2020
Cadmium	ND	0.0020		mg/L	2	2/27/2020
Chromium	ND	0.0040		mg/L	2	2/27/2020
Cobalt	ND	0.0040		mg/L	2	2/27/2020
Copper	ND	0.040		mg/L	2	2/27/2020
Iron	0.76	0.10		mg/L	2	2/27/2020
Lead	ND	0.0020		mg/L	2	2/27/2020
Manganese	0.0074	0.0040		mg/L	2	2/27/2020
Nickel	ND	0.0040		mg/L	2	2/27/2020
Selenium	ND	0.0040		mg/L	2	2/27/2020
Silver	ND	0.0040		mg/L	2	2/27/2020
Zinc	ND	0.020		mg/L	2	2/27/2020
<b>TCLP Metals by ICP/MS</b>		<b>SW1311/6020A (SW3005A)</b>		Prep Date: <b>2/25/2020</b>		Analyst: <b>JG</b>
Arsenic	ND	0.010		mg/L	5	2/25/2020
Barium	0.77	0.050		mg/L	5	2/25/2020
Beryllium	ND	0.0050		mg/L	5	2/25/2020
Cadmium	ND	0.0050		mg/L	5	2/25/2020
Chromium	ND	0.010		mg/L	5	2/25/2020
Cobalt	0.013	0.010		mg/L	5	2/25/2020
Copper	ND	0.10		mg/L	5	2/25/2020

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers: J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded



**STAT Analysis Corporation**

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

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

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

Date Reported: March 13, 2020

Date Printed: March 13, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Work Order: 20020556 Revision 0

Project: 81.0220509.75, WO #37, Elk Grove

Lab ID: 20020556-021

Client Sample ID: 2360VZ-22-03 (5-10)

Collection Date: 2/18/2020 1:35:00 PM

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>TCLP Metals by ICP/MS</b>	<b>SW1311/6020A (SW3005A)</b>		Prep Date: <b>2/25/2020</b>		Analyst: <b>JG</b>	
Iron	ND	0.25		mg/L	5	2/25/2020
Lead	ND	0.0050		mg/L	5	2/25/2020
Manganese	8.5	0.010		mg/L	5	2/25/2020
Nickel	0.015	0.010		mg/L	5	2/25/2020
Selenium	ND	0.010		mg/L	5	2/25/2020
Silver	ND	0.010		mg/L	5	2/25/2020
Zinc	ND	0.050		mg/L	5	2/25/2020
<b>TCLP Mercury</b>	<b>SW1311/7470A</b>		Prep Date: <b>3/9/2020</b>		Analyst: <b>MDT</b>	
Mercury	ND	0.00020		mg/L	1	3/10/2020
<b>SPLP Mercury</b>	<b>SW1312/7470A</b>		Prep Date: <b>3/10/2020</b>		Analyst: <b>LB</b>	
Mercury	ND	0.00020		mg/L	1	3/10/2020
<b>Mercury</b>	<b>SW7471B</b>		Prep Date: <b>3/11/2020</b>		Analyst: <b>LB</b>	
Mercury	0.036	0.020		mg/Kg-dry	1	3/11/2020
<b>pH (25 °C)</b>	<b>SW9045C</b>		Prep Date: <b>2/26/2020</b>		Analyst: <b>FN</b>	
pH	8.14			pH Units	1	2/26/2020
<b>Percent Moisture</b>	<b>D2974</b>		Prep Date: <b>2/21/2020</b>		Analyst: <b>FN</b>	
Percent Moisture	16.3	0.2	*	wt%	1	2/24/2020

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

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

**STAT Analysis Corporation**

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

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

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

Date Reported: March 13, 2020

Date Printed: March 13, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360VZ-22-03 (10-15)

Work Order: 20020556 Revision 0

Collection Date: 2/18/2020 1:40:00 PM

Project: 81.0220509.75, WO #37, Elk Grove

Matrix: Soil

Lab ID: 20020556-022

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Volatile Organic Compounds by GC/MS</b>	<b>SW5035/8260B</b>		Prep Date: <b>2/21/2020</b>		Analyst: <b>CBG</b>	
Acetone	ND	0.070		mg/Kg-dry	1	2/28/2020
Benzene	ND	0.0047		mg/Kg-dry	1	2/28/2020
Bromodichloromethane	ND	0.0047		mg/Kg-dry	1	2/28/2020
Bromoform	ND	0.0047		mg/Kg-dry	1	2/28/2020
Bromomethane	ND	0.0093		mg/Kg-dry	1	2/28/2020
2-Butanone	ND	0.070		mg/Kg-dry	1	2/28/2020
Carbon disulfide	ND	0.047		mg/Kg-dry	1	2/28/2020
Carbon tetrachloride	ND	0.0047		mg/Kg-dry	1	2/28/2020
Chlorobenzene	ND	0.0047		mg/Kg-dry	1	2/28/2020
Chloroethane	ND	0.0093		mg/Kg-dry	1	2/28/2020
Chloroform	ND	0.0047		mg/Kg-dry	1	2/28/2020
Chloromethane	ND	0.0093		mg/Kg-dry	1	2/28/2020
Dibromochloromethane	ND	0.0047		mg/Kg-dry	1	2/28/2020
1,1-Dichloroethane	ND	0.0047		mg/Kg-dry	1	2/28/2020
1,2-Dichloroethane	ND	0.0047		mg/Kg-dry	1	2/28/2020
1,1-Dichloroethene	ND	0.0047		mg/Kg-dry	1	2/28/2020
cis-1,2-Dichloroethene	ND	0.0047		mg/Kg-dry	1	2/28/2020
trans-1,2-Dichloroethene	ND	0.0047		mg/Kg-dry	1	2/28/2020
1,2-Dichloropropane	ND	0.0047		mg/Kg-dry	1	2/28/2020
cis-1,3-Dichloropropene	ND	0.0019		mg/Kg-dry	1	2/28/2020
trans-1,3-Dichloropropene	ND	0.0019		mg/Kg-dry	1	2/28/2020
Ethylbenzene	ND	0.0047		mg/Kg-dry	1	2/28/2020
2-Hexanone	ND	0.019		mg/Kg-dry	1	2/28/2020
4-Methyl-2-pentanone	ND	0.019		mg/Kg-dry	1	2/28/2020
Methylene chloride	ND	0.0093		mg/Kg-dry	1	2/28/2020
Methyl tert-butyl ether	ND	0.0047		mg/Kg-dry	1	2/28/2020
Styrene	ND	0.0047		mg/Kg-dry	1	2/28/2020
1,1,2,2-Tetrachloroethane	ND	0.0047		mg/Kg-dry	1	2/28/2020
Tetrachloroethene	ND	0.0047		mg/Kg-dry	1	2/28/2020
Toluene	ND	0.0047		mg/Kg-dry	1	2/28/2020
1,1,1-Trichloroethane	ND	0.0047		mg/Kg-dry	1	2/28/2020
1,1,2-Trichloroethane	ND	0.0047		mg/Kg-dry	1	2/28/2020
Trichloroethene	ND	0.0047		mg/Kg-dry	1	2/28/2020
Vinyl chloride	ND	0.0047		mg/Kg-dry	1	2/28/2020
Xylenes, Total	ND	0.014		mg/Kg-dry	1	2/28/2020
<b>Semivolatile Organic Compounds by GC/MS</b>	<b>SW8270D (SW3550B)</b>		Prep Date: <b>2/24/2020</b>		Analyst: <b>DM</b>	
Acenaphthene	ND	0.037		mg/Kg-dry	1	2/24/2020
Acenaphthylene	ND	0.037		mg/Kg-dry	1	2/24/2020

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

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

**STAT Analysis Corporation**

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

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

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

Date Reported: March 13, 2020

Date Printed: March 13, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360VZ-22-03 (10-15)

Work Order: 20020556 Revision 0

Collection Date: 2/18/2020 1:40:00 PM

Project: 81.0220509.75, WO #37, Elk Grove

Matrix: Soil

Lab ID: 20020556-022

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Semivolatile Organic Compounds by GC/MS</b>	<b>SW8270D (SW3550B)</b>				Prep Date: 2/24/2020	Analyst: DM
Aniline	ND	0.38		mg/Kg-dry	1	2/24/2020
Anthracene	ND	0.037		mg/Kg-dry	1	2/24/2020
Benz(a)anthracene	ND	0.037		mg/Kg-dry	1	2/24/2020
Benzidine	ND	0.37		mg/Kg-dry	1	2/24/2020
Benzo(a)pyrene	ND	0.037		mg/Kg-dry	1	2/24/2020
Benzo(b)fluoranthene	ND	0.037		mg/Kg-dry	1	2/24/2020
Benzo(g,h,i)perylene	ND	0.037		mg/Kg-dry	1	2/24/2020
Benzo(k)fluoranthene	ND	0.037		mg/Kg-dry	1	2/24/2020
Benzoic acid	ND	0.94		mg/Kg-dry	1	2/24/2020
Benzyl alcohol	ND	0.19		mg/Kg-dry	1	2/24/2020
Bis(2-chloroethoxy)methane	ND	0.19		mg/Kg-dry	1	2/24/2020
Bis(2-chloroethyl)ether	ND	0.19		mg/Kg-dry	1	2/24/2020
Bis(2-ethylhexyl)phthalate	ND	0.94		mg/Kg-dry	1	2/24/2020
4-Bromophenyl phenyl ether	ND	0.19		mg/Kg-dry	1	2/24/2020
Butyl benzyl phthalate	ND	0.19		mg/Kg-dry	1	2/24/2020
Carbazole	ND	0.19		mg/Kg-dry	1	2/24/2020
4-Chloroaniline	ND	0.19		mg/Kg-dry	1	2/24/2020
4-Chloro-3-methylphenol	ND	0.37		mg/Kg-dry	1	2/24/2020
2-Chloronaphthalene	ND	0.19		mg/Kg-dry	1	2/24/2020
2-Chlorophenol	ND	0.19		mg/Kg-dry	1	2/24/2020
4-Chlorophenyl phenyl ether	ND	0.19		mg/Kg-dry	1	2/24/2020
Chrysene	ND	0.037		mg/Kg-dry	1	2/24/2020
Dibenz(a,h)anthracene	ND	0.037		mg/Kg-dry	1	2/24/2020
Dibenzofuran	ND	0.19		mg/Kg-dry	1	2/24/2020
1,2-Dichlorobenzene	ND	0.19		mg/Kg-dry	1	2/24/2020
1,3-Dichlorobenzene	ND	0.19		mg/Kg-dry	1	2/24/2020
1,4-Dichlorobenzene	ND	0.19		mg/Kg-dry	1	2/24/2020
3,3'-Dichlorobenzidine	ND	0.19		mg/Kg-dry	1	2/24/2020
2,4-Dichlorophenol	ND	0.19		mg/Kg-dry	1	2/24/2020
Diethyl phthalate	ND	0.19		mg/Kg-dry	1	2/24/2020
2,4-Dimethylphenol	ND	0.19		mg/Kg-dry	1	2/24/2020
Dimethyl phthalate	ND	0.19		mg/Kg-dry	1	2/24/2020
4,6-Dinitro-2-methylphenol	ND	0.37		mg/Kg-dry	1	2/24/2020
2,4-Dinitrophenol	ND	0.94		mg/Kg-dry	1	2/24/2020
2,4-Dinitrotoluene	ND	0.037		mg/Kg-dry	1	2/24/2020
2,6-Dinitrotoluene	ND	0.037		mg/Kg-dry	1	2/24/2020
Di-n-butyl phthalate	ND	0.19		mg/Kg-dry	1	2/24/2020
Di-n-octyl phthalate	ND	0.19		mg/Kg-dry	1	2/24/2020

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

**Qualifiers:**

J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded

**STAT Analysis Corporation**

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

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

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

Date Reported: March 13, 2020

Date Printed: March 13, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360VZ-22-03 (10-15)

Work Order: 20020556 Revision 0

Collection Date: 2/18/2020 1:40:00 PM

Project: 81.0220509.75, WO #37, Elk Grove

Matrix: Soil

Lab ID: 20020556-022

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
----------	--------	----	-----------	-------	----	---------------

Semivolatile Organic Compounds by GC/MS	SW8270D (SW3550B)	Prep Date: 2/24/2020			Analyst: DM
---	-------------------	----------------------	--	--	-------------

Fluoranthene	0.062	0.037		mg/Kg-dry	1	2/24/2020
Fluorene	ND	0.037		mg/Kg-dry	1	2/24/2020
Hexachlorobenzene	ND	0.19		mg/Kg-dry	1	2/24/2020
Hexachlorobutadiene	ND	0.19		mg/Kg-dry	1	2/24/2020
Hexachlorocyclopentadiene	ND	0.19		mg/Kg-dry	1	2/24/2020
Hexachloroethane	ND	0.19		mg/Kg-dry	1	2/24/2020
Indeno(1,2,3-cd)pyrene	ND	0.037		mg/Kg-dry	1	2/24/2020
Isophorone	ND	0.19		mg/Kg-dry	1	2/24/2020
2-Methylnaphthalene	ND	0.19		mg/Kg-dry	1	2/24/2020
2-Methylphenol	ND	0.19		mg/Kg-dry	1	2/24/2020
4-Methylphenol	ND	0.19		mg/Kg-dry	1	2/24/2020
Naphthalene	ND	0.037		mg/Kg-dry	1	2/24/2020
2-Nitroaniline	ND	0.19		mg/Kg-dry	1	2/24/2020
3-Nitroaniline	ND	0.19		mg/Kg-dry	1	2/24/2020
4-Nitroaniline	ND	0.19		mg/Kg-dry	1	2/24/2020
2-Nitrophenol	ND	0.19		mg/Kg-dry	1	2/24/2020
4-Nitrophenol	ND	0.37		mg/Kg-dry	1	2/24/2020
Nitrobenzene	ND	0.037		mg/Kg-dry	1	2/24/2020
N-Nitrosodi-n-propylamine	ND	0.037		mg/Kg-dry	1	2/24/2020
N-Nitrosodimethylamine	ND	0.19		mg/Kg-dry	1	2/24/2020
N-Nitrosodiphenylamine	ND	0.037		mg/Kg-dry	1	2/24/2020
2, 2'-oxybis(1-Chloropropane)	ND	0.19		mg/Kg-dry	1	2/24/2020
Pentachlorophenol	ND	0.037		mg/Kg-dry	1	2/24/2020
Phenanthrene	ND	0.037		mg/Kg-dry	1	2/24/2020
Phenol	ND	0.19		mg/Kg-dry	1	2/24/2020
Pyrene	0.050	0.037		mg/Kg-dry	1	2/24/2020
Pyridine	ND	0.75		mg/Kg-dry	1	2/24/2020
1,2,4-Trichlorobenzene	ND	0.19		mg/Kg-dry	1	2/24/2020
2,4,5-Trichlorophenol	ND	0.19		mg/Kg-dry	1	2/24/2020
2,4,6-Trichlorophenol	ND	0.19		mg/Kg-dry	1	2/24/2020

Metals by ICP/MS	SW6020A (SW3050B)	Prep Date: 2/26/2020			Analyst: MDT
------------------	-------------------	----------------------	--	--	--------------

Antimony	ND	1.9		mg/Kg-dry	10	2/26/2020
Arsenic	7.1	0.96		mg/Kg-dry	10	2/26/2020
Barium	37	0.96		mg/Kg-dry	10	2/26/2020
Beryllium	0.48	0.48		mg/Kg-dry	10	2/26/2020
Cadmium	ND	0.48		mg/Kg-dry	10	2/26/2020
Calcium	81000	57		mg/Kg-dry	10	2/26/2020
Chromium	20	0.96		mg/Kg-dry	10	2/26/2020

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

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

**STAT Analysis Corporation**

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

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

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

Date Reported: March 13, 2020

Date Printed: March 13, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360VZ-22-03 (10-15)

Work Order: 20020556 Revision 0

Collection Date: 2/18/2020 1:40:00 PM

Project: 81.0220509.75, WO #37, Elk Grove

Matrix: Soil

Lab ID: 20020556-022

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Metals by ICP/MS</b>	<b>SW6020A (SW3050B)</b>		Prep Date: <b>2/26/2020</b>		Analyst: <b>MDT</b>	
Cobalt	13	0.96		mg/Kg-dry	10	2/26/2020
Copper	23	2.4		mg/Kg-dry	10	2/26/2020
Iron	22000	29		mg/Kg-dry	10	2/26/2020
Lead	43	0.48		mg/Kg-dry	10	2/26/2020
Magnesium	40000	29		mg/Kg-dry	10	2/26/2020
Manganese	550	0.96		mg/Kg-dry	10	2/26/2020
Nickel	34	0.96		mg/Kg-dry	10	2/26/2020
Potassium	2700	29		mg/Kg-dry	10	2/26/2020
Selenium	ND	0.96		mg/Kg-dry	10	2/26/2020
Silver	ND	0.96		mg/Kg-dry	10	2/26/2020
Sodium	560	57		mg/Kg-dry	10	2/26/2020
Thallium	ND	0.96		mg/Kg-dry	10	2/26/2020
Vanadium	23	0.96		mg/Kg-dry	10	2/26/2020
Zinc	46	4.8		mg/Kg-dry	10	2/26/2020
<b>SPLP Metals by ICP/MS</b>	<b>SW1312/6020A (SW3005A)</b>		Prep Date: <b>2/27/2020</b>		Analyst: <b>MDT</b>	
Arsenic	ND	0.0040		mg/L	2	2/27/2020
Barium	ND	0.020		mg/L	2	2/27/2020
Beryllium	ND	0.0020		mg/L	2	2/27/2020
Cadmium	ND	0.0020		mg/L	2	2/27/2020
Chromium	ND	0.0040		mg/L	2	2/27/2020
Cobalt	ND	0.0040		mg/L	2	2/27/2020
Copper	ND	0.040		mg/L	2	2/27/2020
Iron	0.54	0.10		mg/L	2	2/27/2020
Lead	ND	0.0020		mg/L	2	2/27/2020
Manganese	0.0041	0.0040		mg/L	2	2/27/2020
Nickel	ND	0.0040		mg/L	2	2/27/2020
Selenium	0.0040	0.0040		mg/L	2	2/27/2020
Silver	ND	0.0040		mg/L	2	2/27/2020
Zinc	ND	0.020		mg/L	2	2/27/2020
<b>TCLP Metals by ICP/MS</b>	<b>SW1311/6020A (SW3005A)</b>		Prep Date: <b>2/25/2020</b>		Analyst: <b>JG</b>	
Arsenic	ND	0.010		mg/L	5	2/25/2020
Barium	0.33	0.050		mg/L	5	2/25/2020
Beryllium	ND	0.0050		mg/L	5	2/25/2020
Cadmium	ND	0.0050		mg/L	5	2/25/2020
Chromium	ND	0.010		mg/L	5	2/25/2020
Cobalt	0.034	0.010		mg/L	5	2/25/2020
Copper	ND	0.10		mg/L	5	2/25/2020

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

**Qualifiers:** J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded

**STAT Analysis Corporation**

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

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

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

Date Reported: March 13, 2020

Date Printed: March 13, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Work Order: 20020556 Revision 0

Project: 81.0220509.75, WO #37, Elk Grove

Lab ID: 20020556-022

Client Sample ID: 2360VZ-22-03 (10-15)

Collection Date: 2/18/2020 1:40:00 PM

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>TCLP Metals by ICP/MS</b>	<b>SW1311/6020A (SW3005A)</b>		Prep Date: <b>2/25/2020</b>		Analyst: <b>JG</b>	
Iron	ND	0.25		mg/L	5	2/25/2020
Lead	ND	0.0050		mg/L	5	2/25/2020
Manganese	2.1	0.010		mg/L	5	2/25/2020
Nickel	0.061	0.010		mg/L	5	2/25/2020
Selenium	ND	0.010		mg/L	5	2/25/2020
Silver	ND	0.010		mg/L	5	2/25/2020
Zinc	ND	0.050		mg/L	5	2/25/2020
<b>TCLP Mercury</b>	<b>SW1311/7470A</b>		Prep Date: <b>3/9/2020</b>		Analyst: <b>MDT</b>	
Mercury	ND	0.00020		mg/L	1	3/10/2020
<b>SPLP Mercury</b>	<b>SW1312/7470A</b>		Prep Date: <b>3/10/2020</b>		Analyst: <b>LB</b>	
Mercury	ND	0.00020		mg/L	1	3/10/2020
<b>Mercury</b>	<b>SW7471B</b>		Prep Date: <b>3/11/2020</b>		Analyst: <b>LB</b>	
Mercury	ND	0.023		mg/Kg-dry	1	3/11/2020
<b>pH (25 °C)</b>	<b>SW9045C</b>		Prep Date: <b>2/26/2020</b>		Analyst: <b>FN</b>	
pH	8.30			pH Units	1	2/26/2020
<b>Percent Moisture</b>	<b>D2974</b>		Prep Date: <b>2/21/2020</b>		Analyst: <b>FN</b>	
Percent Moisture	12.6	0.2	*	wt%	1	2/24/2020

**Qualifiers:**

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

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

**STAT Analysis Corporation**

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

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

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

Date Reported: March 13, 2020

Date Printed: March 13, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360VZ-25-02 (0-5)

Work Order: 20020556 Revision 0

Collection Date: 2/18/2020 9:05:00 AM

Project: 81.0220509.75, WO #37, Elk Grove

Matrix: Soil

Lab ID: 20020556-033

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Volatile Organic Compounds by GC/MS</b>	<b>SW5035/8260B</b>		Prep Date: <b>2/21/2020</b>		Analyst: <b>CBG</b>	
Acetone	ND	0.069		mg/Kg-dry	1	2/28/2020
Benzene	ND	0.0046		mg/Kg-dry	1	2/28/2020
Bromodichloromethane	ND	0.0046		mg/Kg-dry	1	2/28/2020
Bromoform	ND	0.0046		mg/Kg-dry	1	2/28/2020
Bromomethane	ND	0.0092		mg/Kg-dry	1	2/28/2020
2-Butanone	ND	0.069		mg/Kg-dry	1	2/28/2020
Carbon disulfide	ND	0.046		mg/Kg-dry	1	2/28/2020
Carbon tetrachloride	ND	0.0046		mg/Kg-dry	1	2/28/2020
Chlorobenzene	ND	0.0046		mg/Kg-dry	1	2/28/2020
Chloroethane	ND	0.0092		mg/Kg-dry	1	2/28/2020
Chloroform	ND	0.0046		mg/Kg-dry	1	2/28/2020
Chloromethane	ND	0.0092		mg/Kg-dry	1	2/28/2020
Dibromochloromethane	ND	0.0046		mg/Kg-dry	1	2/28/2020
1,1-Dichloroethane	ND	0.0046		mg/Kg-dry	1	2/28/2020
1,2-Dichloroethane	ND	0.0046		mg/Kg-dry	1	2/28/2020
1,1-Dichloroethene	ND	0.0046		mg/Kg-dry	1	2/28/2020
cis-1,2-Dichloroethene	ND	0.0046		mg/Kg-dry	1	2/28/2020
trans-1,2-Dichloroethene	ND	0.0046		mg/Kg-dry	1	2/28/2020
1,2-Dichloropropane	ND	0.0046		mg/Kg-dry	1	2/28/2020
cis-1,3-Dichloropropene	ND	0.0018		mg/Kg-dry	1	2/28/2020
trans-1,3-Dichloropropene	ND	0.0018		mg/Kg-dry	1	2/28/2020
Ethylbenzene	ND	0.0046		mg/Kg-dry	1	2/28/2020
2-Hexanone	ND	0.018		mg/Kg-dry	1	2/28/2020
4-Methyl-2-pentanone	ND	0.018		mg/Kg-dry	1	2/28/2020
Methylene chloride	ND	0.0092		mg/Kg-dry	1	2/28/2020
Methyl tert-butyl ether	ND	0.0046		mg/Kg-dry	1	2/28/2020
Styrene	ND	0.0046		mg/Kg-dry	1	2/28/2020
1,1,2,2-Tetrachloroethane	ND	0.0046		mg/Kg-dry	1	2/28/2020
Tetrachloroethene	ND	0.0046		mg/Kg-dry	1	2/28/2020
Toluene	ND	0.0046		mg/Kg-dry	1	2/28/2020
1,1,1-Trichloroethane	ND	0.0046		mg/Kg-dry	1	2/28/2020
1,1,2-Trichloroethane	ND	0.0046		mg/Kg-dry	1	2/28/2020
Trichloroethene	ND	0.0046		mg/Kg-dry	1	2/28/2020
Vinyl chloride	ND	0.0046		mg/Kg-dry	1	2/28/2020
Xylenes, Total	ND	0.014		mg/Kg-dry	1	2/28/2020
<b>Semivolatile Organic Compounds by GC/MS</b>	<b>SW8270D (SW3550B)</b>		Prep Date: <b>2/24/2020</b>		Analyst: <b>DM</b>	
Acenaphthene	ND	0.039		mg/Kg-dry	1	2/24/2020
Acenaphthylene	ND	0.039		mg/Kg-dry	1	2/24/2020

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

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

**STAT Analysis Corporation**

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

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

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

Date Reported: March 13, 2020

Date Printed: March 13, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360VZ-25-02 (0-5)

Work Order: 20020556 Revision 0

Collection Date: 2/18/2020 9:05:00 AM

Project: 81.0220509.75, WO #37, Elk Grove

Matrix: Soil

Lab ID: 20020556-033

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Semivolatile Organic Compounds by GC/MS</b>	<b>SW8270D (SW3550B)</b>				Prep Date: 2/24/2020	Analyst: DM
Aniline	ND	0.39		mg/Kg-dry	1	2/24/2020
Anthracene	0.080	0.039		mg/Kg-dry	1	2/24/2020
Benz(a)anthracene	0.34	0.039		mg/Kg-dry	1	2/24/2020
Benzidine	ND	0.39		mg/Kg-dry	1	2/24/2020
Benzo(a)pyrene	0.34	0.039		mg/Kg-dry	1	2/24/2020
Benzo(b)fluoranthene	0.35	0.039		mg/Kg-dry	1	2/24/2020
Benzo(g,h,i)perylene	0.24	0.039		mg/Kg-dry	1	2/24/2020
Benzo(k)fluoranthene	0.30	0.039		mg/Kg-dry	1	2/24/2020
Benzoic acid	ND	0.97		mg/Kg-dry	1	2/24/2020
Benzyl alcohol	ND	0.20		mg/Kg-dry	1	2/24/2020
Bis(2-chloroethoxy)methane	ND	0.20		mg/Kg-dry	1	2/24/2020
Bis(2-chloroethyl)ether	ND	0.20		mg/Kg-dry	1	2/24/2020
Bis(2-ethylhexyl)phthalate	ND	0.97		mg/Kg-dry	1	2/24/2020
4-Bromophenyl phenyl ether	ND	0.20		mg/Kg-dry	1	2/24/2020
Butyl benzyl phthalate	0.31	0.20		mg/Kg-dry	1	2/24/2020
Carbazole	ND	0.20		mg/Kg-dry	1	2/24/2020
4-Chloroaniline	ND	0.20		mg/Kg-dry	1	2/24/2020
4-Chloro-3-methylphenol	ND	0.39		mg/Kg-dry	1	2/24/2020
2-Chloronaphthalene	ND	0.20		mg/Kg-dry	1	2/24/2020
2-Chlorophenol	ND	0.20		mg/Kg-dry	1	2/24/2020
4-Chlorophenyl phenyl ether	ND	0.20		mg/Kg-dry	1	2/24/2020
Chrysene	0.37	0.039		mg/Kg-dry	1	2/24/2020
Dibenz(a,h)anthracene	ND	0.039		mg/Kg-dry	1	2/24/2020
Dibenzofuran	ND	0.20		mg/Kg-dry	1	2/24/2020
1,2-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	2/24/2020
1,3-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	2/24/2020
1,4-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	2/24/2020
3,3'-Dichlorobenzidine	ND	0.20		mg/Kg-dry	1	2/24/2020
2,4-Dichlorophenol	ND	0.20		mg/Kg-dry	1	2/24/2020
Diethyl phthalate	ND	0.20		mg/Kg-dry	1	2/24/2020
2,4-Dimethylphenol	ND	0.20		mg/Kg-dry	1	2/24/2020
Dimethyl phthalate	ND	0.20		mg/Kg-dry	1	2/24/2020
4,6-Dinitro-2-methylphenol	ND	0.39		mg/Kg-dry	1	2/24/2020
2,4-Dinitrophenol	ND	0.97		mg/Kg-dry	1	2/24/2020
2,4-Dinitrotoluene	ND	0.039		mg/Kg-dry	1	2/24/2020
2,6-Dinitrotoluene	ND	0.039		mg/Kg-dry	1	2/24/2020
Di-n-butyl phthalate	ND	0.20		mg/Kg-dry	1	2/24/2020
Di-n-octyl phthalate	ND	0.20		mg/Kg-dry	1	2/24/2020

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers: J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded



**STAT Analysis Corporation**

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

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

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

Date Reported: March 13, 2020

Date Printed: March 13, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360VZ-25-02 (0-5)

Work Order: 20020556 Revision 0

Collection Date: 2/18/2020 9:05:00 AM

Project: 81.0220509.75, WO #37, Elk Grove

Matrix: Soil

Lab ID: 20020556-033

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
----------	--------	----	-----------	-------	----	---------------

<b>Semivolatile Organic Compounds by GC/MS</b>	<b>SW8270D (SW3550B)</b>			Prep Date: <b>2/24/2020</b>		Analyst: <b>DM</b>
--	--------------------------	--	--	-----------------------------	--	--------------------

Fluoranthene	0.81	0.039		mg/Kg-dry	1	2/24/2020
Fluorene	ND	0.039		mg/Kg-dry	1	2/24/2020
Hexachlorobenzene	ND	0.20		mg/Kg-dry	1	2/24/2020
Hexachlorobutadiene	ND	0.20		mg/Kg-dry	1	2/24/2020
Hexachlorocyclopentadiene	ND	0.20		mg/Kg-dry	1	2/24/2020
Hexachloroethane	ND	0.20		mg/Kg-dry	1	2/24/2020
Indeno(1,2,3-cd)pyrene	0.22	0.039		mg/Kg-dry	1	2/24/2020
Isophorone	ND	0.20		mg/Kg-dry	1	2/24/2020
2-Methylnaphthalene	ND	0.20		mg/Kg-dry	1	2/24/2020
2-Methylphenol	ND	0.20		mg/Kg-dry	1	2/24/2020
4-Methylphenol	ND	0.20		mg/Kg-dry	1	2/24/2020
Naphthalene	ND	0.039		mg/Kg-dry	1	2/24/2020
2-Nitroaniline	ND	0.20		mg/Kg-dry	1	2/24/2020
3-Nitroaniline	ND	0.20		mg/Kg-dry	1	2/24/2020
4-Nitroaniline	ND	0.20		mg/Kg-dry	1	2/24/2020
2-Nitrophenol	ND	0.20		mg/Kg-dry	1	2/24/2020
4-Nitrophenol	ND	0.39		mg/Kg-dry	1	2/24/2020
Nitrobenzene	ND	0.039		mg/Kg-dry	1	2/24/2020
N-Nitrosodi-n-propylamine	ND	0.039		mg/Kg-dry	1	2/24/2020
N-Nitrosodimethylamine	ND	0.20		mg/Kg-dry	1	2/24/2020
N-Nitrosodiphenylamine	ND	0.039		mg/Kg-dry	1	2/24/2020
2, 2'-oxybis(1-Chloropropane)	ND	0.20		mg/Kg-dry	1	2/24/2020
Pentachlorophenol	ND	0.039		mg/Kg-dry	1	2/24/2020
Phenanthrene	0.37	0.039		mg/Kg-dry	1	2/24/2020
Phenol	ND	0.20		mg/Kg-dry	1	2/24/2020
Pyrene	0.65	0.039		mg/Kg-dry	1	2/24/2020
Pyridine	ND	0.78		mg/Kg-dry	1	2/24/2020
1,2,4-Trichlorobenzene	ND	0.20		mg/Kg-dry	1	2/24/2020
2,4,5-Trichlorophenol	ND	0.20		mg/Kg-dry	1	2/24/2020
2,4,6-Trichlorophenol	ND	0.20		mg/Kg-dry	1	2/24/2020

<b>Metals by ICP/MS</b>	<b>SW6020A (SW3050B)</b>			Prep Date: <b>2/26/2020</b>		Analyst: <b>MDT</b>
-------------------------	--------------------------	--	--	-----------------------------	--	---------------------

Antimony	ND	2.2		mg/Kg-dry	10	2/26/2020
Arsenic	9.9	1.1		mg/Kg-dry	10	2/26/2020
Barium	100	1.1		mg/Kg-dry	10	2/26/2020
Beryllium	0.57	0.54		mg/Kg-dry	10	2/26/2020
Cadmium	1.1	0.54		mg/Kg-dry	10	2/26/2020
Calcium	28000	65		mg/Kg-dry	10	2/26/2020
Chromium	23	1.1		mg/Kg-dry	10	2/26/2020

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

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

**STAT Analysis Corporation**

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

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

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

Date Reported: March 13, 2020

Date Printed: March 13, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360VZ-25-02 (0-5)

Work Order: 20020556 Revision 0

Collection Date: 2/18/2020 9:05:00 AM

Project: 81.0220509.75, WO #37, Elk Grove

Matrix: Soil

Lab ID: 20020556-033

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Metals by ICP/MS</b>		<b>SW6020A (SW3050B)</b>		Prep Date: <b>2/26/2020</b>		Analyst: <b>MDT</b>
Cobalt	11	1.1		mg/Kg-dry	10	2/26/2020
Copper	39	2.7		mg/Kg-dry	10	2/26/2020
Iron	26000	32		mg/Kg-dry	10	2/26/2020
Lead	130	0.54		mg/Kg-dry	10	2/26/2020
Magnesium	16000	32		mg/Kg-dry	10	2/26/2020
Manganese	690	1.1		mg/Kg-dry	10	2/26/2020
Nickel	33	1.1		mg/Kg-dry	10	2/26/2020
Potassium	1600	32		mg/Kg-dry	10	2/26/2020
Selenium	ND	1.1		mg/Kg-dry	10	2/26/2020
Silver	ND	1.1		mg/Kg-dry	10	2/26/2020
Sodium	140	65		mg/Kg-dry	10	2/26/2020
Thallium	ND	1.1		mg/Kg-dry	10	2/26/2020
Vanadium	28	1.1		mg/Kg-dry	10	2/26/2020
Zinc	140	5.4		mg/Kg-dry	10	2/26/2020
<b>SPLP Metals by ICP/MS</b>		<b>SW1312/6020A (SW3005A)</b>		Prep Date: <b>2/28/2020</b>		Analyst: <b>JG</b>
Arsenic	ND	0.0040		mg/L	2	2/28/2020
Barium	ND	0.020		mg/L	2	2/28/2020
Beryllium	ND	0.0020		mg/L	2	2/28/2020
Cadmium	ND	0.0020		mg/L	2	2/28/2020
Chromium	ND	0.0040		mg/L	2	2/28/2020
Cobalt	ND	0.0040		mg/L	2	2/28/2020
Copper	ND	0.040		mg/L	2	2/28/2020
Iron	0.84	0.10		mg/L	2	2/28/2020
Lead	ND	0.0020		mg/L	2	2/28/2020
Manganese	0.0042	0.0040		mg/L	2	2/28/2020
Nickel	ND	0.0040		mg/L	2	2/28/2020
Selenium	ND	0.0040		mg/L	2	2/28/2020
Silver	ND	0.0040		mg/L	2	2/28/2020
Zinc	ND	0.020		mg/L	2	2/28/2020
<b>TCLP Metals by ICP/MS</b>		<b>SW1311/6020A (SW3005A)</b>		Prep Date: <b>2/25/2020</b>		Analyst: <b>MDT</b>
Arsenic	ND	0.010		mg/L	5	2/26/2020
Barium	0.69	0.050		mg/L	5	2/26/2020
Beryllium	ND	0.0050		mg/L	5	2/26/2020
Cadmium	ND	0.0050		mg/L	5	2/26/2020
Chromium	ND	0.010		mg/L	5	2/26/2020
Cobalt	ND	0.010		mg/L	5	2/26/2020
Copper	ND	0.10		mg/L	5	2/26/2020

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

**Qualifiers:**

J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded

**STAT Analysis Corporation**

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

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

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

Date Reported: March 13, 2020

Date Printed: March 13, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Work Order: 20020556 Revision 0

Project: 81.0220509.75, WO #37, Elk Grove

Lab ID: 20020556-033

Client Sample ID: 2360VZ-25-02 (0-5)

Collection Date: 2/18/2020 9:05:00 AM

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>TCLP Metals by ICP/MS</b>	<b>SW1311/6020A (SW3005A)</b>			Prep Date: <b>2/25/2020</b>		Analyst: <b>MDT</b>
Iron	ND	0.25		mg/L	5	2/26/2020
Lead	ND	0.0050		mg/L	5	2/26/2020
Manganese	0.60	0.010		mg/L	5	2/26/2020
Nickel	ND	0.010		mg/L	5	2/26/2020
Selenium	ND	0.010		mg/L	5	2/26/2020
Silver	ND	0.010		mg/L	5	2/26/2020
Zinc	0.052	0.050		mg/L	5	2/26/2020
<b>TCLP Mercury</b>	<b>SW1311/7470A</b>			Prep Date: <b>3/9/2020</b>		Analyst: <b>MDT</b>
Mercury	ND	0.00020		mg/L	1	3/10/2020
<b>SPLP Mercury</b>	<b>SW1312/7470A</b>			Prep Date: <b>3/10/2020</b>		Analyst: <b>LB</b>
Mercury	ND	0.00020		mg/L	1	3/10/2020
<b>Mercury</b>	<b>SW7471B</b>			Prep Date: <b>3/11/2020</b>		Analyst: <b>LB</b>
Mercury	0.048	0.023		mg/Kg-dry	1	3/11/2020
<b>pH (25 °C)</b>	<b>SW9045C</b>			Prep Date: <b>2/26/2020</b>		Analyst: <b>FN</b>
pH	8.12			pH Units	1	2/26/2020
<b>Percent Moisture</b>	<b>D2974</b>			Prep Date: <b>2/21/2020</b>		Analyst: <b>FN</b>
Percent Moisture	16.8	0.2	*	wt%	1	2/24/2020

**Qualifiers:**

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

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

**STAT Analysis Corporation**

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

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

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

Date Reported: March 13, 2020

Date Printed: March 13, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360VZ-25-02 (5-10)

Work Order: 20020556 Revision 0

Collection Date: 2/18/2020 9:10:00 AM

Project: 81.0220509.75, WO #37, Elk Grove

Matrix: Soil

Lab ID: 20020556-034

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Volatile Organic Compounds by GC/MS</b>		<b>SW5035/8260B</b>		Prep Date: <b>2/21/2020</b>		Analyst: <b>CBG</b>
Acetone	ND	0.085		mg/Kg-dry	1	2/28/2020
Benzene	ND	0.0056		mg/Kg-dry	1	2/28/2020
Bromodichloromethane	ND	0.0056		mg/Kg-dry	1	2/28/2020
Bromoform	ND	0.0056		mg/Kg-dry	1	2/28/2020
Bromomethane	ND	0.011		mg/Kg-dry	1	2/28/2020
2-Butanone	ND	0.085		mg/Kg-dry	1	2/28/2020
Carbon disulfide	ND	0.056		mg/Kg-dry	1	2/28/2020
Carbon tetrachloride	ND	0.0056		mg/Kg-dry	1	2/28/2020
Chlorobenzene	ND	0.0056		mg/Kg-dry	1	2/28/2020
Chloroethane	ND	0.011		mg/Kg-dry	1	2/28/2020
Chloroform	ND	0.0056		mg/Kg-dry	1	2/28/2020
Chloromethane	ND	0.011		mg/Kg-dry	1	2/28/2020
Dibromochloromethane	ND	0.0056		mg/Kg-dry	1	2/28/2020
1,1-Dichloroethane	ND	0.0056		mg/Kg-dry	1	2/28/2020
1,2-Dichloroethane	ND	0.0056		mg/Kg-dry	1	2/28/2020
1,1-Dichloroethene	ND	0.0056		mg/Kg-dry	1	2/28/2020
cis-1,2-Dichloroethene	ND	0.0056		mg/Kg-dry	1	2/28/2020
trans-1,2-Dichloroethene	ND	0.0056		mg/Kg-dry	1	2/28/2020
1,2-Dichloropropane	ND	0.0056		mg/Kg-dry	1	2/28/2020
cis-1,3-Dichloropropene	ND	0.0023		mg/Kg-dry	1	2/28/2020
trans-1,3-Dichloropropene	ND	0.0023		mg/Kg-dry	1	2/28/2020
Ethylbenzene	ND	0.0056		mg/Kg-dry	1	2/28/2020
2-Hexanone	ND	0.023		mg/Kg-dry	1	2/28/2020
4-Methyl-2-pentanone	ND	0.023		mg/Kg-dry	1	2/28/2020
Methylene chloride	ND	0.011		mg/Kg-dry	1	2/28/2020
Methyl tert-butyl ether	ND	0.0056		mg/Kg-dry	1	2/28/2020
Styrene	ND	0.0056		mg/Kg-dry	1	2/28/2020
1,1,2,2-Tetrachloroethane	ND	0.0056		mg/Kg-dry	1	2/28/2020
Tetrachloroethene	ND	0.0056		mg/Kg-dry	1	2/28/2020
Toluene	ND	0.0056		mg/Kg-dry	1	2/28/2020
1,1,1-Trichloroethane	ND	0.0056		mg/Kg-dry	1	2/28/2020
1,1,2-Trichloroethane	ND	0.0056		mg/Kg-dry	1	2/28/2020
Trichloroethene	ND	0.0056		mg/Kg-dry	1	2/28/2020
Vinyl chloride	ND	0.0056		mg/Kg-dry	1	2/28/2020
Xylenes, Total	ND	0.017		mg/Kg-dry	1	2/28/2020
<b>Semivolatile Organic Compounds by GC/MS</b>		<b>SW8270D (SW3550B)</b>		Prep Date: <b>2/24/2020</b>		Analyst: <b>DM</b>
Acenaphthene	ND	0.042		mg/Kg-dry	1	2/24/2020
Acenaphthylene	ND	0.042		mg/Kg-dry	1	2/24/2020

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

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

**STAT Analysis Corporation**

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

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

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

Date Reported: March 13, 2020

Date Printed: March 13, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360VZ-25-02 (5-10)

Work Order: 20020556 Revision 0

Collection Date: 2/18/2020 9:10:00 AM

Project: 81.0220509.75, WO #37, Elk Grove

Matrix: Soil

Lab ID: 20020556-034

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Semivolatile Organic Compounds by GC/MS</b>		<b>SW8270D (SW3550B)</b>		Prep Date: 2/24/2020		Analyst: DM
Aniline	ND	0.43		mg/Kg-dry	1	2/24/2020
Anthracene	ND	0.042		mg/Kg-dry	1	2/24/2020
Benz(a)anthracene	ND	0.042		mg/Kg-dry	1	2/24/2020
Benzidine	ND	0.42		mg/Kg-dry	1	2/24/2020
Benzo(a)pyrene	ND	0.042		mg/Kg-dry	1	2/24/2020
Benzo(b)fluoranthene	ND	0.042		mg/Kg-dry	1	2/24/2020
Benzo(g,h,i)perylene	ND	0.042		mg/Kg-dry	1	2/24/2020
Benzo(k)fluoranthene	ND	0.042		mg/Kg-dry	1	2/24/2020
Benzoic acid	ND	1.1		mg/Kg-dry	1	2/24/2020
Benzyl alcohol	ND	0.22		mg/Kg-dry	1	2/24/2020
Bis(2-chloroethoxy)methane	ND	0.22		mg/Kg-dry	1	2/24/2020
Bis(2-chloroethyl)ether	ND	0.22		mg/Kg-dry	1	2/24/2020
Bis(2-ethylhexyl)phthalate	ND	1.1		mg/Kg-dry	1	2/24/2020
4-Bromophenyl phenyl ether	ND	0.22		mg/Kg-dry	1	2/24/2020
Butyl benzyl phthalate	ND	0.22		mg/Kg-dry	1	2/24/2020
Carbazole	ND	0.22		mg/Kg-dry	1	2/24/2020
4-Chloroaniline	ND	0.22		mg/Kg-dry	1	2/24/2020
4-Chloro-3-methylphenol	ND	0.42		mg/Kg-dry	1	2/24/2020
2-Chloronaphthalene	ND	0.22		mg/Kg-dry	1	2/24/2020
2-Chlorophenol	ND	0.22		mg/Kg-dry	1	2/24/2020
4-Chlorophenyl phenyl ether	ND	0.22		mg/Kg-dry	1	2/24/2020
Chrysene	ND	0.042		mg/Kg-dry	1	2/24/2020
Dibenz(a,h)anthracene	ND	0.042		mg/Kg-dry	1	2/24/2020
Dibenzofuran	ND	0.22		mg/Kg-dry	1	2/24/2020
1,2-Dichlorobenzene	ND	0.22		mg/Kg-dry	1	2/24/2020
1,3-Dichlorobenzene	ND	0.22		mg/Kg-dry	1	2/24/2020
1,4-Dichlorobenzene	ND	0.22		mg/Kg-dry	1	2/24/2020
3,3'-Dichlorobenzidine	ND	0.22		mg/Kg-dry	1	2/24/2020
2,4-Dichlorophenol	ND	0.22		mg/Kg-dry	1	2/24/2020
Diethyl phthalate	ND	0.22		mg/Kg-dry	1	2/24/2020
2,4-Dimethylphenol	ND	0.22		mg/Kg-dry	1	2/24/2020
Dimethyl phthalate	ND	0.22		mg/Kg-dry	1	2/24/2020
4,6-Dinitro-2-methylphenol	ND	0.42		mg/Kg-dry	1	2/24/2020
2,4-Dinitrophenol	ND	1.1		mg/Kg-dry	1	2/24/2020
2,4-Dinitrotoluene	ND	0.042		mg/Kg-dry	1	2/24/2020
2,6-Dinitrotoluene	ND	0.042		mg/Kg-dry	1	2/24/2020
Di-n-butyl phthalate	ND	0.22		mg/Kg-dry	1	2/24/2020
Di-n-octyl phthalate	ND	0.22		mg/Kg-dry	1	2/24/2020

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers: J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded

**STAT Analysis Corporation**

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

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

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

Date Reported: March 13, 2020

Date Printed: March 13, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360VZ-25-02 (5-10)

Work Order: 20020556 Revision 0

Collection Date: 2/18/2020 9:10:00 AM

Project: 81.0220509.75, WO #37, Elk Grove

Matrix: Soil

Lab ID: 20020556-034

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
----------	--------	----	-----------	-------	----	---------------

Semivolatile Organic Compounds by GC/MS	SW8270D (SW3550B)				Prep Date: 2/24/2020	Analyst: DM
---	-------------------	--	--	--	----------------------	-------------

Fluoranthene	ND	0.042		mg/Kg-dry	1	2/24/2020
Fluorene	ND	0.042		mg/Kg-dry	1	2/24/2020
Hexachlorobenzene	ND	0.22		mg/Kg-dry	1	2/24/2020
Hexachlorobutadiene	ND	0.22		mg/Kg-dry	1	2/24/2020
Hexachlorocyclopentadiene	ND	0.22		mg/Kg-dry	1	2/24/2020
Hexachloroethane	ND	0.22		mg/Kg-dry	1	2/24/2020
Indeno(1,2,3-cd)pyrene	ND	0.042		mg/Kg-dry	1	2/24/2020
Isophorone	ND	0.22		mg/Kg-dry	1	2/24/2020
2-Methylnaphthalene	ND	0.22		mg/Kg-dry	1	2/24/2020
2-Methylphenol	ND	0.22		mg/Kg-dry	1	2/24/2020
4-Methylphenol	ND	0.22		mg/Kg-dry	1	2/24/2020
Naphthalene	ND	0.042		mg/Kg-dry	1	2/24/2020
2-Nitroaniline	ND	0.22		mg/Kg-dry	1	2/24/2020
3-Nitroaniline	ND	0.22		mg/Kg-dry	1	2/24/2020
4-Nitroaniline	ND	0.22		mg/Kg-dry	1	2/24/2020
2-Nitrophenol	ND	0.22		mg/Kg-dry	1	2/24/2020
4-Nitrophenol	ND	0.42		mg/Kg-dry	1	2/24/2020
Nitrobenzene	ND	0.042		mg/Kg-dry	1	2/24/2020
N-Nitrosodi-n-propylamine	ND	0.042		mg/Kg-dry	1	2/24/2020
N-Nitrosodimethylamine	ND	0.22		mg/Kg-dry	1	2/24/2020
N-Nitrosodiphenylamine	ND	0.042		mg/Kg-dry	1	2/24/2020
2, 2'-oxybis(1-Chloropropane)	ND	0.22		mg/Kg-dry	1	2/24/2020
Pentachlorophenol	ND	0.042		mg/Kg-dry	1	2/24/2020
Phenanthrene	ND	0.042		mg/Kg-dry	1	2/24/2020
Phenol	ND	0.22		mg/Kg-dry	1	2/24/2020
Pyrene	ND	0.042		mg/Kg-dry	1	2/24/2020
Pyridine	ND	0.86		mg/Kg-dry	1	2/24/2020
1,2,4-Trichlorobenzene	ND	0.22		mg/Kg-dry	1	2/24/2020
2,4,5-Trichlorophenol	ND	0.22		mg/Kg-dry	1	2/24/2020
2,4,6-Trichlorophenol	ND	0.22		mg/Kg-dry	1	2/24/2020

Metals by ICP/MS	SW6020A (SW3050B)				Prep Date: 2/26/2020	Analyst: MDT
------------------	-------------------	--	--	--	----------------------	--------------

Antimony	ND	2.3		mg/Kg-dry	10	2/26/2020
Arsenic	7.2	1.1		mg/Kg-dry	10	2/26/2020
Barium	120	1.1		mg/Kg-dry	10	2/26/2020
Beryllium	0.71	0.57		mg/Kg-dry	10	2/26/2020
Cadmium	ND	0.57		mg/Kg-dry	10	2/26/2020
Calcium	4700	68		mg/Kg-dry	10	2/26/2020
Chromium	26	1.1		mg/Kg-dry	10	2/26/2020

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

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

**STAT Analysis Corporation**

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

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

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

Date Reported: March 13, 2020

Date Printed: March 13, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360VZ-25-02 (5-10)

Work Order: 20020556 Revision 0

Collection Date: 2/18/2020 9:10:00 AM

Project: 81.0220509.75, WO #37, Elk Grove

Matrix: Soil

Lab ID: 20020556-034

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Metals by ICP/MS</b>		<b>SW6020A (SW3050B)</b>		Prep Date: <b>2/26/2020</b>		Analyst: <b>MDT</b>
Cobalt	14	1.1		mg/Kg-dry	10	2/26/2020
Copper	29	2.8		mg/Kg-dry	10	2/26/2020
Iron	26000	34		mg/Kg-dry	10	2/26/2020
Lead	15	0.57		mg/Kg-dry	10	2/26/2020
Magnesium	6700	34		mg/Kg-dry	10	2/26/2020
Manganese	470	1.1		mg/Kg-dry	10	2/26/2020
Nickel	38	1.1		mg/Kg-dry	10	2/26/2020
Potassium	1900	34		mg/Kg-dry	10	2/26/2020
Selenium	ND	1.1		mg/Kg-dry	10	2/26/2020
Silver	ND	1.1		mg/Kg-dry	10	2/26/2020
Sodium	1100	68		mg/Kg-dry	10	2/26/2020
Thallium	ND	1.1		mg/Kg-dry	10	2/26/2020
Vanadium	30	1.1		mg/Kg-dry	10	2/26/2020
Zinc	71	5.7		mg/Kg-dry	10	2/26/2020
<b>SPLP Metals by ICP/MS</b>		<b>SW1312/6020A (SW3005A)</b>		Prep Date: <b>2/28/2020</b>		Analyst: <b>JG</b>
Arsenic	ND	0.0040		mg/L	2	2/28/2020
Barium	0.58	0.020		mg/L	2	2/28/2020
Beryllium	ND	0.0020		mg/L	2	2/28/2020
Cadmium	0.0028	0.0020		mg/L	2	2/28/2020
Chromium	ND	0.0040		mg/L	2	2/28/2020
Cobalt	ND	0.0040		mg/L	2	2/28/2020
Copper	ND	0.040		mg/L	2	2/28/2020
Iron	ND	0.10		mg/L	2	2/28/2020
Lead	0.0029	0.0020		mg/L	2	2/28/2020
Manganese	2.0	0.0040		mg/L	2	2/28/2020
Nickel	0.050	0.0040		mg/L	2	2/28/2020
Selenium	ND	0.0040		mg/L	2	2/28/2020
Silver	ND	0.0040		mg/L	2	2/28/2020
Zinc	0.034	0.020		mg/L	2	2/28/2020
<b>TCLP Metals by ICP/MS</b>		<b>SW1311/6020A (SW3005A)</b>		Prep Date: <b>2/25/2020</b>		Analyst: <b>MDT</b>
Arsenic	ND	0.010		mg/L	5	2/26/2020
Barium	0.50	0.050		mg/L	5	2/26/2020
Beryllium	ND	0.0050		mg/L	5	2/26/2020
Cadmium	ND	0.0050		mg/L	5	2/26/2020
Chromium	ND	0.010		mg/L	5	2/26/2020
Cobalt	ND	0.010		mg/L	5	2/26/2020
Copper	ND	0.10		mg/L	5	2/26/2020

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

**Qualifiers:** J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded

**STAT Analysis Corporation**

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

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

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

Date Reported: March 13, 2020

Date Printed: March 13, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Work Order: 20020556 Revision 0

Project: 81.0220509.75, WO #37, Elk Grove

Lab ID: 20020556-034

Client Sample ID: 2360VZ-25-02 (5-10)

Collection Date: 2/18/2020 9:10:00 AM

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>TCLP Metals by ICP/MS</b>	<b>SW1311/6020A (SW3005A)</b>		Prep Date: <b>2/25/2020</b>		Analyst: <b>MDT</b>	
Iron	0.38	0.25		mg/L	5	2/26/2020
Lead	ND	0.0050		mg/L	5	2/26/2020
Manganese	0.50	0.010		mg/L	5	2/26/2020
Nickel	0.029	0.010		mg/L	5	2/26/2020
Selenium	ND	0.010		mg/L	5	2/26/2020
Silver	ND	0.010		mg/L	5	2/26/2020
Zinc	ND	0.050		mg/L	5	2/26/2020
<b>TCLP Mercury</b>	<b>SW1311/7470A</b>		Prep Date: <b>3/9/2020</b>		Analyst: <b>MDT</b>	
Mercury	ND	0.00020		mg/L	1	3/10/2020
<b>SPLP Mercury</b>	<b>SW1312/7470A</b>		Prep Date: <b>3/10/2020</b>		Analyst: <b>LB</b>	
Mercury	ND	0.00020		mg/L	1	3/10/2020
<b>Mercury</b>	<b>SW7471B</b>		Prep Date: <b>3/11/2020</b>		Analyst: <b>LB</b>	
Mercury	0.064	0.023		mg/Kg-dry	1	3/11/2020
<b>pH (25 °C)</b>	<b>SW9045C</b>		Prep Date: <b>2/26/2020</b>		Analyst: <b>FN</b>	
pH	8.28			pH Units	1	2/26/2020
<b>Percent Moisture</b>	<b>D2974</b>		Prep Date: <b>2/21/2020</b>		Analyst: <b>FN</b>	
Percent Moisture	22.5	0.2	*	wt%	1	2/24/2020

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

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



**STAT Analysis Corporation**

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

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

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

Date Reported: March 13, 2020

Date Printed: March 13, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360VZ-25-02 (10-15)

Work Order: 20020556 Revision 0

Collection Date: 2/18/2020 9:15:00 AM

Project: 81.0220509.75, WO #37, Elk Grove

Matrix: Soil

Lab ID: 20020556-035

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Volatile Organic Compounds by GC/MS</b>		<b>SW5035/8260B</b>		Prep Date: <b>2/21/2020</b>		Analyst: <b>CBG</b>
Acetone	ND	0.081		mg/Kg-dry	1	2/28/2020
Benzene	ND	0.0054		mg/Kg-dry	1	2/28/2020
Bromodichloromethane	ND	0.0054		mg/Kg-dry	1	2/28/2020
Bromoform	ND	0.0054		mg/Kg-dry	1	2/28/2020
Bromomethane	ND	0.011		mg/Kg-dry	1	2/28/2020
2-Butanone	ND	0.081		mg/Kg-dry	1	2/28/2020
Carbon disulfide	ND	0.054		mg/Kg-dry	1	2/28/2020
Carbon tetrachloride	ND	0.0054		mg/Kg-dry	1	2/28/2020
Chlorobenzene	ND	0.0054		mg/Kg-dry	1	2/28/2020
Chloroethane	ND	0.011		mg/Kg-dry	1	2/28/2020
Chloroform	ND	0.0054		mg/Kg-dry	1	2/28/2020
Chloromethane	ND	0.011		mg/Kg-dry	1	2/28/2020
Dibromochloromethane	ND	0.0054		mg/Kg-dry	1	2/28/2020
1,1-Dichloroethane	ND	0.0054		mg/Kg-dry	1	2/28/2020
1,2-Dichloroethane	ND	0.0054		mg/Kg-dry	1	2/28/2020
1,1-Dichloroethene	ND	0.0054		mg/Kg-dry	1	2/28/2020
cis-1,2-Dichloroethene	ND	0.0054		mg/Kg-dry	1	2/28/2020
trans-1,2-Dichloroethene	ND	0.0054		mg/Kg-dry	1	2/28/2020
1,2-Dichloropropane	ND	0.0054		mg/Kg-dry	1	2/28/2020
cis-1,3-Dichloropropene	ND	0.0021		mg/Kg-dry	1	2/28/2020
trans-1,3-Dichloropropene	ND	0.0021		mg/Kg-dry	1	2/28/2020
Ethylbenzene	ND	0.0054		mg/Kg-dry	1	2/28/2020
2-Hexanone	ND	0.021		mg/Kg-dry	1	2/28/2020
4-Methyl-2-pentanone	ND	0.021		mg/Kg-dry	1	2/28/2020
Methylene chloride	ND	0.011		mg/Kg-dry	1	2/28/2020
Methyl tert-butyl ether	ND	0.0054		mg/Kg-dry	1	2/28/2020
Styrene	ND	0.0054		mg/Kg-dry	1	2/28/2020
1,1,2,2-Tetrachloroethane	ND	0.0054		mg/Kg-dry	1	2/28/2020
Tetrachloroethene	ND	0.0054		mg/Kg-dry	1	2/28/2020
Toluene	ND	0.0054		mg/Kg-dry	1	2/28/2020
1,1,1-Trichloroethane	ND	0.0054		mg/Kg-dry	1	2/28/2020
1,1,2-Trichloroethane	ND	0.0054		mg/Kg-dry	1	2/28/2020
Trichloroethene	ND	0.0054		mg/Kg-dry	1	2/28/2020
Vinyl chloride	ND	0.0054		mg/Kg-dry	1	2/28/2020
Xylenes, Total	ND	0.016		mg/Kg-dry	1	2/28/2020
<b>Semivolatile Organic Compounds by GC/MS</b>		<b>SW8270D (SW3550B)</b>		Prep Date: <b>2/24/2020</b>		Analyst: <b>DM</b>
Acenaphthene	ND	0.038		mg/Kg-dry	1	2/24/2020
Acenaphthylene	ND	0.038		mg/Kg-dry	1	2/24/2020

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

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

**STAT Analysis Corporation**

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

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

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

Date Reported: March 13, 2020

Date Printed: March 13, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360VZ-25-02 (10-15)

Work Order: 20020556 Revision 0

Collection Date: 2/18/2020 9:15:00 AM

Project: 81.0220509.75, WO #37, Elk Grove

Matrix: Soil

Lab ID: 20020556-035

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Semivolatile Organic Compounds by GC/MS</b>	<b>SW8270D (SW3550B)</b>				Prep Date: 2/24/2020	Analyst: DM
Aniline	ND	0.39		mg/Kg-dry	1	2/24/2020
Anthracene	ND	0.038		mg/Kg-dry	1	2/24/2020
Benz(a)anthracene	ND	0.038		mg/Kg-dry	1	2/24/2020
Benzidine	ND	0.38		mg/Kg-dry	1	2/24/2020
Benzo(a)pyrene	ND	0.038		mg/Kg-dry	1	2/24/2020
Benzo(b)fluoranthene	ND	0.038		mg/Kg-dry	1	2/24/2020
Benzo(g,h,i)perylene	ND	0.038		mg/Kg-dry	1	2/24/2020
Benzo(k)fluoranthene	ND	0.038		mg/Kg-dry	1	2/24/2020
Benzoic acid	ND	0.96		mg/Kg-dry	1	2/24/2020
Benzyl alcohol	ND	0.20		mg/Kg-dry	1	2/24/2020
Bis(2-chloroethoxy)methane	ND	0.20		mg/Kg-dry	1	2/24/2020
Bis(2-chloroethyl)ether	ND	0.20		mg/Kg-dry	1	2/24/2020
Bis(2-ethylhexyl)phthalate	ND	0.96		mg/Kg-dry	1	2/24/2020
4-Bromophenyl phenyl ether	ND	0.20		mg/Kg-dry	1	2/24/2020
Butyl benzyl phthalate	ND	0.20		mg/Kg-dry	1	2/24/2020
Carbazole	ND	0.20		mg/Kg-dry	1	2/24/2020
4-Chloroaniline	ND	0.20		mg/Kg-dry	1	2/24/2020
4-Chloro-3-methylphenol	ND	0.38		mg/Kg-dry	1	2/24/2020
2-Chloronaphthalene	ND	0.20		mg/Kg-dry	1	2/24/2020
2-Chlorophenol	ND	0.20		mg/Kg-dry	1	2/24/2020
4-Chlorophenyl phenyl ether	ND	0.20		mg/Kg-dry	1	2/24/2020
Chrysene	ND	0.038		mg/Kg-dry	1	2/24/2020
Dibenz(a,h)anthracene	ND	0.038		mg/Kg-dry	1	2/24/2020
Dibenzofuran	ND	0.20		mg/Kg-dry	1	2/24/2020
1,2-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	2/24/2020
1,3-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	2/24/2020
1,4-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	2/24/2020
3,3'-Dichlorobenzidine	ND	0.20		mg/Kg-dry	1	2/24/2020
2,4-Dichlorophenol	ND	0.20		mg/Kg-dry	1	2/24/2020
Diethyl phthalate	ND	0.20		mg/Kg-dry	1	2/24/2020
2,4-Dimethylphenol	ND	0.20		mg/Kg-dry	1	2/24/2020
Dimethyl phthalate	ND	0.20		mg/Kg-dry	1	2/24/2020
4,6-Dinitro-2-methylphenol	ND	0.38		mg/Kg-dry	1	2/24/2020
2,4-Dinitrophenol	ND	0.96		mg/Kg-dry	1	2/24/2020
2,4-Dinitrotoluene	ND	0.038		mg/Kg-dry	1	2/24/2020
2,6-Dinitrotoluene	ND	0.038		mg/Kg-dry	1	2/24/2020
Di-n-butyl phthalate	ND	0.20		mg/Kg-dry	1	2/24/2020
Di-n-octyl phthalate	ND	0.20		mg/Kg-dry	1	2/24/2020

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers: J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded

**STAT Analysis Corporation**

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

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

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

Date Reported: March 13, 2020

Date Printed: March 13, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360VZ-25-02 (10-15)

Work Order: 20020556 Revision 0

Collection Date: 2/18/2020 9:15:00 AM

Project: 81.0220509.75, WO #37, Elk Grove

Matrix: Soil

Lab ID: 20020556-035

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Semivolatile Organic Compounds by GC/MS</b>						
	<b>SW8270D (SW3550B)</b>				Prep Date: <b>2/24/2020</b>	Analyst: <b>DM</b>
Fluoranthene	ND	0.038		mg/Kg-dry	1	2/24/2020
Fluorene	ND	0.038		mg/Kg-dry	1	2/24/2020
Hexachlorobenzene	ND	0.20		mg/Kg-dry	1	2/24/2020
Hexachlorobutadiene	ND	0.20		mg/Kg-dry	1	2/24/2020
Hexachlorocyclopentadiene	ND	0.20		mg/Kg-dry	1	2/24/2020
Hexachloroethane	ND	0.20		mg/Kg-dry	1	2/24/2020
Indeno(1,2,3-cd)pyrene	ND	0.038		mg/Kg-dry	1	2/24/2020
Isophorone	ND	0.20		mg/Kg-dry	1	2/24/2020
2-Methylnaphthalene	ND	0.20		mg/Kg-dry	1	2/24/2020
2-Methylphenol	ND	0.20		mg/Kg-dry	1	2/24/2020
4-Methylphenol	ND	0.20		mg/Kg-dry	1	2/24/2020
Naphthalene	ND	0.038		mg/Kg-dry	1	2/24/2020
2-Nitroaniline	ND	0.20		mg/Kg-dry	1	2/24/2020
3-Nitroaniline	ND	0.20		mg/Kg-dry	1	2/24/2020
4-Nitroaniline	ND	0.20		mg/Kg-dry	1	2/24/2020
2-Nitrophenol	ND	0.20		mg/Kg-dry	1	2/24/2020
4-Nitrophenol	ND	0.38		mg/Kg-dry	1	2/24/2020
Nitrobenzene	ND	0.038		mg/Kg-dry	1	2/24/2020
N-Nitrosodi-n-propylamine	ND	0.038		mg/Kg-dry	1	2/24/2020
N-Nitrosodimethylamine	ND	0.20		mg/Kg-dry	1	2/24/2020
N-Nitrosodiphenylamine	ND	0.038		mg/Kg-dry	1	2/24/2020
2, 2'-oxybis(1-Chloropropane)	ND	0.20		mg/Kg-dry	1	2/24/2020
Pentachlorophenol	ND	0.038		mg/Kg-dry	1	2/24/2020
Phenanthrene	ND	0.038		mg/Kg-dry	1	2/24/2020
Phenol	ND	0.20		mg/Kg-dry	1	2/24/2020
Pyrene	ND	0.038		mg/Kg-dry	1	2/24/2020
Pyridine	ND	0.78		mg/Kg-dry	1	2/24/2020
1,2,4-Trichlorobenzene	ND	0.20		mg/Kg-dry	1	2/24/2020
2,4,5-Trichlorophenol	ND	0.20		mg/Kg-dry	1	2/24/2020
2,4,6-Trichlorophenol	ND	0.20		mg/Kg-dry	1	2/24/2020
<b>Metals by ICP/MS</b>						
	<b>SW6020A (SW3050B)</b>				Prep Date: <b>2/26/2020</b>	Analyst: <b>MDT</b>
Antimony	ND	2.0		mg/Kg-dry	10	2/26/2020
Arsenic	6.8	1.0		mg/Kg-dry	10	2/26/2020
Barium	48	1.0		mg/Kg-dry	10	2/26/2020
Beryllium	ND	0.51		mg/Kg-dry	10	2/26/2020
Cadmium	ND	0.51		mg/Kg-dry	10	2/26/2020
Calcium	71000	61		mg/Kg-dry	10	2/26/2020
Chromium	19	1.0		mg/Kg-dry	10	2/26/2020

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers: J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded

**STAT Analysis Corporation**

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

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

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

Date Reported: March 13, 2020

Date Printed: March 13, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360VZ-25-02 (10-15)

Work Order: 20020556 Revision 0

Collection Date: 2/18/2020 9:15:00 AM

Project: 81.0220509.75, WO #37, Elk Grove

Matrix: Soil

Lab ID: 20020556-035

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Metals by ICP/MS</b>		<b>SW6020A (SW3050B)</b>		Prep Date: <b>2/26/2020</b>		Analyst: <b>MDT</b>
Cobalt	11	1.0		mg/Kg-dry	10	2/26/2020
Copper	24	2.5		mg/Kg-dry	10	2/26/2020
Iron	23000	30		mg/Kg-dry	10	2/26/2020
Lead	13	0.51		mg/Kg-dry	10	2/26/2020
Magnesium	36000	30		mg/Kg-dry	10	2/26/2020
Manganese	490	1.0		mg/Kg-dry	10	2/26/2020
Nickel	31	1.0		mg/Kg-dry	10	2/26/2020
Potassium	2500	30		mg/Kg-dry	10	2/26/2020
Selenium	ND	1.0		mg/Kg-dry	10	2/26/2020
Silver	ND	1.0		mg/Kg-dry	10	2/26/2020
Sodium	270	61		mg/Kg-dry	10	2/26/2020
Thallium	ND	1.0		mg/Kg-dry	10	2/26/2020
Vanadium	22	1.0		mg/Kg-dry	10	2/26/2020
Zinc	51	5.1		mg/Kg-dry	10	2/26/2020
<b>SPLP Metals by ICP/MS</b>		<b>SW1312/6020A (SW3005A)</b>		Prep Date: <b>2/28/2020</b>		Analyst: <b>JG</b>
Arsenic	ND	0.0040		mg/L	2	2/28/2020
Barium	ND	0.020		mg/L	2	2/28/2020
Beryllium	ND	0.0020		mg/L	2	2/28/2020
Cadmium	ND	0.0020		mg/L	2	2/28/2020
Chromium	ND	0.0040		mg/L	2	2/28/2020
Cobalt	ND	0.0040		mg/L	2	2/28/2020
Copper	ND	0.040		mg/L	2	2/28/2020
Iron	1.3	0.10		mg/L	2	2/28/2020
Lead	ND	0.0020		mg/L	2	2/28/2020
Manganese	0.0079	0.0040		mg/L	2	2/28/2020
Nickel	ND	0.0040		mg/L	2	2/28/2020
Selenium	ND	0.0040		mg/L	2	2/28/2020
Silver	ND	0.0040		mg/L	2	2/28/2020
Zinc	ND	0.020		mg/L	2	2/28/2020
<b>TCLP Metals by ICP/MS</b>		<b>SW1311/6020A (SW3005A)</b>		Prep Date: <b>2/25/2020</b>		Analyst: <b>MDT</b>
Arsenic	ND	0.010		mg/L	5	2/26/2020
Barium	0.50	0.050		mg/L	5	2/26/2020
Beryllium	ND	0.0050		mg/L	5	2/26/2020
Cadmium	ND	0.0050		mg/L	5	2/26/2020
Chromium	ND	0.010		mg/L	5	2/26/2020
Cobalt	0.015	0.010		mg/L	5	2/26/2020
Copper	ND	0.10		mg/L	5	2/26/2020

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers: J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded

**STAT Analysis Corporation**

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

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

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

Date Reported: March 13, 2020

Date Printed: March 13, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Work Order: 20020556 Revision 0

Project: 81.0220509.75, WO #37, Elk Grove

Lab ID: 20020556-035

Client Sample ID: 2360VZ-25-02 (10-15)

Collection Date: 2/18/2020 9:15:00 AM

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>TCLP Metals by ICP/MS</b>	<b>SW1311/6020A (SW3005A)</b>		Prep Date: <b>2/25/2020</b>		Analyst: <b>MDT</b>	
Iron	ND	0.25		mg/L	5	2/26/2020
Lead	ND	0.0050		mg/L	5	2/26/2020
Manganese	2.8	0.010		mg/L	5	2/26/2020
Nickel	ND	0.010		mg/L	5	2/26/2020
Selenium	ND	0.010		mg/L	5	2/26/2020
Silver	ND	0.010		mg/L	5	2/26/2020
Zinc	ND	0.050		mg/L	5	2/26/2020
<b>TCLP Mercury</b>	<b>SW1311/7470A</b>		Prep Date: <b>3/9/2020</b>		Analyst: <b>MDT</b>	
Mercury	ND	0.00020		mg/L	1	3/10/2020
<b>SPLP Mercury</b>	<b>SW1312/7470A</b>		Prep Date: <b>3/10/2020</b>		Analyst: <b>LB</b>	
Mercury	ND	0.00020		mg/L	1	3/10/2020
<b>Mercury</b>	<b>SW7471B</b>		Prep Date: <b>3/11/2020</b>		Analyst: <b>LB</b>	
Mercury	ND	0.023		mg/Kg-dry	1	3/11/2020
<b>pH (25 °C)</b>	<b>SW9045C</b>		Prep Date: <b>2/26/2020</b>		Analyst: <b>FN</b>	
pH	8.10			pH Units	1	2/26/2020
<b>Percent Moisture</b>	<b>D2974</b>		Prep Date: <b>2/21/2020</b>		Analyst: <b>FN</b>	
Percent Moisture	14.7	0.2	*	wt%	1	2/24/2020

**Qualifiers:**

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

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

**STAT Analysis Corporation**

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

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

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

Date Reported: March 13, 2020

Date Printed: March 13, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360VZ-25-03 (0-4)

Work Order: 20020556 Revision 0

Collection Date: 2/18/2020 9:20:00 AM

Project: 81.0220509.75, WO #37, Elk Grove

Matrix: Soil

Lab ID: 20020556-036

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Volatile Organic Compounds by GC/MS</b>		<b>SW5035/8260B</b>		Prep Date: <b>2/21/2020</b>		Analyst: <b>CBG</b>
Acetone	ND	0.071		mg/Kg-dry	1	2/28/2020
Benzene	ND	0.0048		mg/Kg-dry	1	2/28/2020
Bromodichloromethane	ND	0.0048		mg/Kg-dry	1	2/28/2020
Bromoform	ND	0.0048		mg/Kg-dry	1	2/28/2020
Bromomethane	ND	0.0095		mg/Kg-dry	1	2/28/2020
2-Butanone	ND	0.071		mg/Kg-dry	1	2/28/2020
Carbon disulfide	ND	0.048		mg/Kg-dry	1	2/28/2020
Carbon tetrachloride	ND	0.0048		mg/Kg-dry	1	2/28/2020
Chlorobenzene	ND	0.0048		mg/Kg-dry	1	2/28/2020
Chloroethane	ND	0.0095		mg/Kg-dry	1	2/28/2020
Chloroform	ND	0.0048		mg/Kg-dry	1	2/28/2020
Chloromethane	ND	0.0095		mg/Kg-dry	1	2/28/2020
Dibromochloromethane	ND	0.0048		mg/Kg-dry	1	2/28/2020
1,1-Dichloroethane	ND	0.0048		mg/Kg-dry	1	2/28/2020
1,2-Dichloroethane	ND	0.0048		mg/Kg-dry	1	2/28/2020
1,1-Dichloroethene	ND	0.0048		mg/Kg-dry	1	2/28/2020
cis-1,2-Dichloroethene	ND	0.0048		mg/Kg-dry	1	2/28/2020
trans-1,2-Dichloroethene	ND	0.0048		mg/Kg-dry	1	2/28/2020
1,2-Dichloropropane	ND	0.0048		mg/Kg-dry	1	2/28/2020
cis-1,3-Dichloropropene	ND	0.0019		mg/Kg-dry	1	2/28/2020
trans-1,3-Dichloropropene	ND	0.0019		mg/Kg-dry	1	2/28/2020
Ethylbenzene	ND	0.0048		mg/Kg-dry	1	2/28/2020
2-Hexanone	ND	0.019		mg/Kg-dry	1	2/28/2020
4-Methyl-2-pentanone	ND	0.019		mg/Kg-dry	1	2/28/2020
Methylene chloride	ND	0.0095		mg/Kg-dry	1	2/28/2020
Methyl tert-butyl ether	ND	0.0048		mg/Kg-dry	1	2/28/2020
Styrene	ND	0.0048		mg/Kg-dry	1	2/28/2020
1,1,2,2-Tetrachloroethane	ND	0.0048		mg/Kg-dry	1	2/28/2020
Tetrachloroethene	ND	0.0048		mg/Kg-dry	1	2/28/2020
Toluene	ND	0.0048		mg/Kg-dry	1	2/28/2020
1,1,1-Trichloroethane	ND	0.0048		mg/Kg-dry	1	2/28/2020
1,1,2-Trichloroethane	ND	0.0048		mg/Kg-dry	1	2/28/2020
Trichloroethene	ND	0.0048		mg/Kg-dry	1	2/28/2020
Vinyl chloride	ND	0.0048		mg/Kg-dry	1	2/28/2020
Xylenes, Total	ND	0.014		mg/Kg-dry	1	2/28/2020
<b>Semivolatile Organic Compounds by GC/MS</b>		<b>SW8270D (SW3550B)</b>		Prep Date: <b>2/24/2020</b>		Analyst: <b>DM</b>
Acenaphthene	ND	0.039		mg/Kg-dry	1	2/25/2020
Acenaphthylene	ND	0.039		mg/Kg-dry	1	2/25/2020

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

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

**STAT Analysis Corporation**

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

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

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

Date Reported: March 13, 2020

Date Printed: March 13, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360VZ-25-03 (0-4)

Work Order: 20020556 Revision 0

Collection Date: 2/18/2020 9:20:00 AM

Project: 81.0220509.75, WO #37, Elk Grove

Matrix: Soil

Lab ID: 20020556-036

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Semivolatile Organic Compounds by GC/MS</b>		<b>SW8270D (SW3550B)</b>		Prep Date: 2/24/2020		Analyst: DM
Aniline	ND	0.40		mg/Kg-dry	1	2/25/2020
Anthracene	ND	0.039		mg/Kg-dry	1	2/25/2020
Benz(a)anthracene	ND	0.039		mg/Kg-dry	1	2/25/2020
Benzidine	ND	0.39		mg/Kg-dry	1	2/25/2020
Benzo(a)pyrene	ND	0.039		mg/Kg-dry	1	2/25/2020
Benzo(b)fluoranthene	ND	0.039		mg/Kg-dry	1	2/25/2020
Benzo(g,h,i)perylene	ND	0.039		mg/Kg-dry	1	2/25/2020
Benzo(k)fluoranthene	ND	0.039		mg/Kg-dry	1	2/25/2020
Benzoic acid	ND	0.99		mg/Kg-dry	1	2/25/2020
Benzyl alcohol	ND	0.20		mg/Kg-dry	1	2/25/2020
Bis(2-chloroethoxy)methane	ND	0.20		mg/Kg-dry	1	2/25/2020
Bis(2-chloroethyl)ether	ND	0.20		mg/Kg-dry	1	2/25/2020
Bis(2-ethylhexyl)phthalate	ND	0.99		mg/Kg-dry	1	2/25/2020
4-Bromophenyl phenyl ether	ND	0.20		mg/Kg-dry	1	2/25/2020
Butyl benzyl phthalate	ND	0.20		mg/Kg-dry	1	2/25/2020
Carbazole	ND	0.20		mg/Kg-dry	1	2/25/2020
4-Chloroaniline	ND	0.20		mg/Kg-dry	1	2/25/2020
4-Chloro-3-methylphenol	ND	0.39		mg/Kg-dry	1	2/25/2020
2-Chloronaphthalene	ND	0.20		mg/Kg-dry	1	2/25/2020
2-Chlorophenol	ND	0.20		mg/Kg-dry	1	2/25/2020
4-Chlorophenyl phenyl ether	ND	0.20		mg/Kg-dry	1	2/25/2020
Chrysene	ND	0.039		mg/Kg-dry	1	2/25/2020
Dibenz(a,h)anthracene	ND	0.039		mg/Kg-dry	1	2/25/2020
Dibenzofuran	ND	0.20		mg/Kg-dry	1	2/25/2020
1,2-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	2/25/2020
1,3-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	2/25/2020
1,4-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	2/25/2020
3,3'-Dichlorobenzidine	ND	0.20		mg/Kg-dry	1	2/25/2020
2,4-Dichlorophenol	ND	0.20		mg/Kg-dry	1	2/25/2020
Diethyl phthalate	ND	0.20		mg/Kg-dry	1	2/25/2020
2,4-Dimethylphenol	ND	0.20		mg/Kg-dry	1	2/25/2020
Dimethyl phthalate	ND	0.20		mg/Kg-dry	1	2/25/2020
4,6-Dinitro-2-methylphenol	ND	0.39		mg/Kg-dry	1	2/25/2020
2,4-Dinitrophenol	ND	0.99		mg/Kg-dry	1	2/25/2020
2,4-Dinitrotoluene	ND	0.039		mg/Kg-dry	1	2/25/2020
2,6-Dinitrotoluene	ND	0.039		mg/Kg-dry	1	2/25/2020
Di-n-butyl phthalate	ND	0.20		mg/Kg-dry	1	2/25/2020
Di-n-octyl phthalate	ND	0.20		mg/Kg-dry	1	2/25/2020

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

**Qualifiers:**

J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded

**STAT Analysis Corporation**

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

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

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

Date Reported: March 13, 2020

Date Printed: March 13, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360VZ-25-03 (0-4)

Work Order: 20020556 Revision 0

Collection Date: 2/18/2020 9:20:00 AM

Project: 81.0220509.75, WO #37, Elk Grove

Matrix: Soil

Lab ID: 20020556-036

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
----------	--------	----	-----------	-------	----	---------------

Semivolatile Organic Compounds by GC/MS	SW8270D (SW3550B)	Prep Date: 2/24/2020			Analyst: DM
---	-------------------	----------------------	--	--	-------------

Fluoranthene	ND	0.039		mg/Kg-dry	1	2/25/2020
Fluorene	ND	0.039		mg/Kg-dry	1	2/25/2020
Hexachlorobenzene	ND	0.20		mg/Kg-dry	1	2/25/2020
Hexachlorobutadiene	ND	0.20		mg/Kg-dry	1	2/25/2020
Hexachlorocyclopentadiene	ND	0.20		mg/Kg-dry	1	2/25/2020
Hexachloroethane	ND	0.20		mg/Kg-dry	1	2/25/2020
Indeno(1,2,3-cd)pyrene	ND	0.039		mg/Kg-dry	1	2/25/2020
Isophorone	ND	0.20		mg/Kg-dry	1	2/25/2020
2-Methylnaphthalene	ND	0.20		mg/Kg-dry	1	2/25/2020
2-Methylphenol	ND	0.20		mg/Kg-dry	1	2/25/2020
4-Methylphenol	ND	0.20		mg/Kg-dry	1	2/25/2020
Naphthalene	ND	0.039		mg/Kg-dry	1	2/25/2020
2-Nitroaniline	ND	0.20		mg/Kg-dry	1	2/25/2020
3-Nitroaniline	ND	0.20		mg/Kg-dry	1	2/25/2020
4-Nitroaniline	ND	0.20		mg/Kg-dry	1	2/25/2020
2-Nitrophenol	ND	0.20		mg/Kg-dry	1	2/25/2020
4-Nitrophenol	ND	0.39		mg/Kg-dry	1	2/25/2020
Nitrobenzene	ND	0.039		mg/Kg-dry	1	2/25/2020
N-Nitrosodi-n-propylamine	ND	0.039		mg/Kg-dry	1	2/25/2020
N-Nitrosodimethylamine	ND	0.20		mg/Kg-dry	1	2/25/2020
N-Nitrosodiphenylamine	ND	0.039		mg/Kg-dry	1	2/25/2020
2, 2'-oxybis(1-Chloropropane)	ND	0.20		mg/Kg-dry	1	2/25/2020
Pentachlorophenol	ND	0.039		mg/Kg-dry	1	2/25/2020
Phenanthrene	ND	0.039		mg/Kg-dry	1	2/25/2020
Phenol	ND	0.20		mg/Kg-dry	1	2/25/2020
Pyrene	ND	0.039		mg/Kg-dry	1	2/25/2020
Pyridine	ND	0.80		mg/Kg-dry	1	2/25/2020
1,2,4-Trichlorobenzene	ND	0.20		mg/Kg-dry	1	2/25/2020
2,4,5-Trichlorophenol	ND	0.20		mg/Kg-dry	1	2/25/2020
2,4,6-Trichlorophenol	ND	0.20		mg/Kg-dry	1	2/25/2020

Metals by ICP/MS	SW6020A (SW3050B)	Prep Date: 2/26/2020			Analyst: MDT
------------------	-------------------	----------------------	--	--	--------------

Antimony	ND	2.1		mg/Kg-dry	10	2/26/2020
Arsenic	13	1.1		mg/Kg-dry	10	2/26/2020
Barium	130	1.1		mg/Kg-dry	10	2/26/2020
Beryllium	0.76	0.53		mg/Kg-dry	10	2/26/2020
Cadmium	ND	0.53		mg/Kg-dry	10	2/26/2020
Calcium	6100	63		mg/Kg-dry	10	2/26/2020
Chromium	22	1.1		mg/Kg-dry	10	2/26/2020

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

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



**STAT Analysis Corporation**

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

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

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

Date Reported: March 13, 2020

Date Printed: March 13, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360VZ-25-03 (0-4)

Work Order: 20020556 Revision 0

Collection Date: 2/18/2020 9:20:00 AM

Project: 81.0220509.75, WO #37, Elk Grove

Matrix: Soil

Lab ID: 20020556-036

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Metals by ICP/MS</b>		<b>SW6020A (SW3050B)</b>		Prep Date: <b>2/26/2020</b>		Analyst: <b>MDT</b>
Cobalt	15	1.1		mg/Kg-dry	10	2/26/2020
Copper	29	2.6		mg/Kg-dry	10	2/26/2020
Iron	27000	32		mg/Kg-dry	10	2/26/2020
Lead	63	0.53		mg/Kg-dry	10	2/26/2020
Magnesium	4400	32		mg/Kg-dry	10	2/26/2020
Manganese	870	1.1		mg/Kg-dry	10	2/26/2020
Nickel	23	1.1		mg/Kg-dry	10	2/26/2020
Potassium	1800	32		mg/Kg-dry	10	2/26/2020
Selenium	ND	1.1		mg/Kg-dry	10	2/26/2020
Silver	ND	1.1		mg/Kg-dry	10	2/26/2020
Sodium	150	63		mg/Kg-dry	10	2/26/2020
Thallium	ND	1.1		mg/Kg-dry	10	2/26/2020
Vanadium	35	1.1		mg/Kg-dry	10	2/26/2020
Zinc	72	5.3		mg/Kg-dry	10	2/26/2020
<b>SPLP Metals by ICP/MS</b>		<b>SW1312/6020A (SW3005A)</b>		Prep Date: <b>2/28/2020</b>		Analyst: <b>JG</b>
Arsenic	ND	0.0040		mg/L	2	2/28/2020
Barium	ND	0.020		mg/L	2	2/28/2020
Beryllium	ND	0.0020		mg/L	2	2/28/2020
Cadmium	ND	0.0020		mg/L	2	2/28/2020
Chromium	ND	0.0040		mg/L	2	2/28/2020
Cobalt	ND	0.0040		mg/L	2	2/28/2020
Copper	ND	0.040		mg/L	2	2/28/2020
Iron	1.1	0.10		mg/L	2	2/28/2020
Lead	0.0038	0.0020		mg/L	2	2/28/2020
Manganese	0.0078	0.0040		mg/L	2	2/28/2020
Nickel	ND	0.0040		mg/L	2	2/28/2020
Selenium	ND	0.0040		mg/L	2	2/28/2020
Silver	ND	0.0040		mg/L	2	2/28/2020
Zinc	ND	0.020		mg/L	2	2/28/2020
<b>TCLP Metals by ICP/MS</b>		<b>SW1311/6020A (SW3005A)</b>		Prep Date: <b>2/25/2020</b>		Analyst: <b>MDT</b>
Arsenic	ND	0.010		mg/L	5	2/26/2020
Barium	0.34	0.050		mg/L	5	2/26/2020
Beryllium	ND	0.0050		mg/L	5	2/26/2020
Cadmium	ND	0.0050		mg/L	5	2/26/2020
Chromium	ND	0.010		mg/L	5	2/26/2020
Cobalt	ND	0.010		mg/L	5	2/26/2020
Copper	ND	0.10		mg/L	5	2/26/2020

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers: J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded

**STAT Analysis Corporation**

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

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

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

Date Reported: March 13, 2020

Date Printed: March 13, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Work Order: 20020556 Revision 0

Project: 81.0220509.75, WO #37, Elk Grove

Lab ID: 20020556-036

Client Sample ID: 2360VZ-25-03 (0-4)

Collection Date: 2/18/2020 9:20:00 AM

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>TCLP Metals by ICP/MS</b>	<b>SW1311/6020A (SW3005A)</b>			Prep Date: <b>2/25/2020</b>		Analyst: <b>MDT</b>
Iron	ND	0.25		mg/L	5	2/26/2020
Lead	ND	0.0050		mg/L	5	2/26/2020
Manganese	0.081	0.010		mg/L	5	2/26/2020
Nickel	ND	0.010		mg/L	5	2/26/2020
Selenium	ND	0.010		mg/L	5	2/26/2020
Silver	ND	0.010		mg/L	5	2/26/2020
Zinc	ND	0.050		mg/L	5	2/26/2020
<b>TCLP Mercury</b>	<b>SW1311/7470A</b>			Prep Date: <b>3/9/2020</b>		Analyst: <b>MDT</b>
Mercury	ND	0.00020		mg/L	1	3/10/2020
<b>SPLP Mercury</b>	<b>SW1312/7470A</b>			Prep Date: <b>3/10/2020</b>		Analyst: <b>LB</b>
Mercury	ND	0.00020		mg/L	1	3/10/2020
<b>Mercury</b>	<b>SW7471B</b>			Prep Date: <b>3/11/2020</b>		Analyst: <b>LB</b>
Mercury	0.044	0.020		mg/Kg-dry	1	3/11/2020
<b>pH (25 °C)</b>	<b>SW9045C</b>			Prep Date: <b>2/26/2020</b>		Analyst: <b>FN</b>
pH	8.10			pH Units	1	2/26/2020
<b>Percent Moisture</b>	<b>D2974</b>			Prep Date: <b>2/21/2020</b>		Analyst: <b>FN</b>
Percent Moisture	17.1	0.2	*	wt%	1	2/24/2020

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

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

**STAT Analysis Corporation**

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

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

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

Date Reported: March 13, 2020

Date Printed: March 13, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360VZ-26-02 (0-5)

Work Order: 20020556 Revision 0

Collection Date: 2/18/2020 9:40:00 AM

Project: 81.0220509.75, WO #37, Elk Grove

Matrix: Soil

Lab ID: 20020556-038

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Volatile Organic Compounds by GC/MS</b>		<b>SW5035/8260B</b>		Prep Date: <b>2/21/2020</b>		Analyst: <b>JDT</b>
Acetone	ND	0.074		mg/Kg-dry	1	2/29/2020
Benzene	0.024	0.0049		mg/Kg-dry	1	2/29/2020
Bromodichloromethane	ND	0.0049		mg/Kg-dry	1	2/29/2020
Bromoform	ND	0.0049		mg/Kg-dry	1	2/29/2020
Bromomethane	ND	0.0099		mg/Kg-dry	1	2/29/2020
2-Butanone	ND	0.074		mg/Kg-dry	1	2/29/2020
Carbon disulfide	ND	0.049		mg/Kg-dry	1	2/29/2020
Carbon tetrachloride	ND	0.0049		mg/Kg-dry	1	2/29/2020
Chlorobenzene	ND	0.0049		mg/Kg-dry	1	2/29/2020
Chloroethane	ND	0.0099		mg/Kg-dry	1	2/29/2020
Chloroform	ND	0.0049		mg/Kg-dry	1	2/29/2020
Chloromethane	ND	0.0099		mg/Kg-dry	1	2/29/2020
Dibromochloromethane	ND	0.0049		mg/Kg-dry	1	2/29/2020
1,1-Dichloroethane	ND	0.0049		mg/Kg-dry	1	2/29/2020
1,2-Dichloroethane	ND	0.0049		mg/Kg-dry	1	2/29/2020
1,1-Dichloroethene	ND	0.0049		mg/Kg-dry	1	2/29/2020
cis-1,2-Dichloroethene	ND	0.0049		mg/Kg-dry	1	2/29/2020
trans-1,2-Dichloroethene	ND	0.0049		mg/Kg-dry	1	2/29/2020
1,2-Dichloropropane	ND	0.0049		mg/Kg-dry	1	2/29/2020
cis-1,3-Dichloropropene	ND	0.0020		mg/Kg-dry	1	2/29/2020
trans-1,3-Dichloropropene	ND	0.0020		mg/Kg-dry	1	2/29/2020
Ethylbenzene	0.023	0.0049		mg/Kg-dry	1	2/29/2020
2-Hexanone	ND	0.020		mg/Kg-dry	1	2/29/2020
4-Methyl-2-pentanone	ND	0.020		mg/Kg-dry	1	2/29/2020
Methylene chloride	ND	0.0099		mg/Kg-dry	1	2/29/2020
Methyl tert-butyl ether	ND	0.0049		mg/Kg-dry	1	2/29/2020
Styrene	ND	0.0049		mg/Kg-dry	1	2/29/2020
1,1,2,2-Tetrachloroethane	ND	0.0049		mg/Kg-dry	1	2/29/2020
Tetrachloroethene	ND	0.0049		mg/Kg-dry	1	2/29/2020
Toluene	0.0052	0.0049		mg/Kg-dry	1	2/29/2020
1,1,1-Trichloroethane	ND	0.0049		mg/Kg-dry	1	2/29/2020
1,1,2-Trichloroethane	ND	0.0049		mg/Kg-dry	1	2/29/2020
Trichloroethene	ND	0.0049		mg/Kg-dry	1	2/29/2020
Vinyl chloride	ND	0.0049		mg/Kg-dry	1	2/29/2020
Xylenes, Total	0.022	0.015		mg/Kg-dry	1	2/29/2020
<b>Semivolatile Organic Compounds by GC/MS</b>		<b>SW8270D (SW3550B)</b>		Prep Date: <b>2/24/2020</b>		Analyst: <b>DM</b>
Acenaphthene	ND	0.039		mg/Kg-dry	1	2/25/2020
Acenaphthylene	ND	0.039		mg/Kg-dry	1	2/25/2020

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

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

**STAT Analysis Corporation**

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

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

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

Date Reported: March 13, 2020

Date Printed: March 13, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360VZ-26-02 (0-5)

Work Order: 20020556 Revision 0

Collection Date: 2/18/2020 9:40:00 AM

Project: 81.0220509.75, WO #37, Elk Grove

Matrix: Soil

Lab ID: 20020556-038

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Semivolatile Organic Compounds by GC/MS</b>		<b>SW8270D (SW3550B)</b>		Prep Date: 2/24/2020		Analyst: DM
Aniline	ND	0.39		mg/Kg-dry	1	2/25/2020
Anthracene	0.090	0.039		mg/Kg-dry	1	2/25/2020
Benz(a)anthracene	0.51	0.039		mg/Kg-dry	1	2/25/2020
Benzidine	ND	0.39		mg/Kg-dry	1	2/25/2020
Benzo(a)pyrene	0.49	0.039		mg/Kg-dry	1	2/25/2020
Benzo(b)fluoranthene	0.64	0.039		mg/Kg-dry	1	2/25/2020
Benzo(g,h,i)perylene	0.42	0.039		mg/Kg-dry	1	2/25/2020
Benzo(k)fluoranthene	0.40	0.039		mg/Kg-dry	1	2/25/2020
Benzoic acid	ND	0.97		mg/Kg-dry	1	2/25/2020
Benzyl alcohol	ND	0.20		mg/Kg-dry	1	2/25/2020
Bis(2-chloroethoxy)methane	ND	0.20		mg/Kg-dry	1	2/25/2020
Bis(2-chloroethyl)ether	ND	0.20		mg/Kg-dry	1	2/25/2020
Bis(2-ethylhexyl)phthalate	ND	0.97		mg/Kg-dry	1	2/25/2020
4-Bromophenyl phenyl ether	ND	0.20		mg/Kg-dry	1	2/25/2020
Butyl benzyl phthalate	ND	0.20		mg/Kg-dry	1	2/25/2020
Carbazole	ND	0.20		mg/Kg-dry	1	2/25/2020
4-Chloroaniline	ND	0.20		mg/Kg-dry	1	2/25/2020
4-Chloro-3-methylphenol	ND	0.39		mg/Kg-dry	1	2/25/2020
2-Chloronaphthalene	ND	0.20		mg/Kg-dry	1	2/25/2020
2-Chlorophenol	ND	0.20		mg/Kg-dry	1	2/25/2020
4-Chlorophenyl phenyl ether	ND	0.20		mg/Kg-dry	1	2/25/2020
Chrysene	0.58	0.039		mg/Kg-dry	1	2/25/2020
Dibenz(a,h)anthracene	0.18	0.039		mg/Kg-dry	1	2/25/2020
Dibenzofuran	ND	0.20		mg/Kg-dry	1	2/25/2020
1,2-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	2/25/2020
1,3-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	2/25/2020
1,4-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	2/25/2020
3,3'-Dichlorobenzidine	ND	0.20		mg/Kg-dry	1	2/25/2020
2,4-Dichlorophenol	ND	0.20		mg/Kg-dry	1	2/25/2020
Diethyl phthalate	ND	0.20		mg/Kg-dry	1	2/25/2020
2,4-Dimethylphenol	ND	0.20		mg/Kg-dry	1	2/25/2020
Dimethyl phthalate	ND	0.20		mg/Kg-dry	1	2/25/2020
4,6-Dinitro-2-methylphenol	ND	0.39		mg/Kg-dry	1	2/25/2020
2,4-Dinitrophenol	ND	0.97		mg/Kg-dry	1	2/25/2020
2,4-Dinitrotoluene	ND	0.039		mg/Kg-dry	1	2/25/2020
2,6-Dinitrotoluene	ND	0.039		mg/Kg-dry	1	2/25/2020
Di-n-butyl phthalate	ND	0.20		mg/Kg-dry	1	2/25/2020
Di-n-octyl phthalate	ND	0.20		mg/Kg-dry	1	2/25/2020

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers: J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded

**STAT Analysis Corporation**

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

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

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

Date Reported: March 13, 2020

Date Printed: March 13, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360VZ-26-02 (0-5)

Work Order: 20020556 Revision 0

Collection Date: 2/18/2020 9:40:00 AM

Project: 81.0220509.75, WO #37, Elk Grove

Matrix: Soil

Lab ID: 20020556-038

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Semivolatile Organic Compounds by GC/MS</b>						
	<b>SW8270D (SW3550B)</b>				Prep Date: <b>2/24/2020</b>	Analyst: <b>DM</b>
Fluoranthene	1.2	0.039		mg/Kg-dry	1	2/25/2020
Fluorene	ND	0.039		mg/Kg-dry	1	2/25/2020
Hexachlorobenzene	ND	0.20		mg/Kg-dry	1	2/25/2020
Hexachlorobutadiene	ND	0.20		mg/Kg-dry	1	2/25/2020
Hexachlorocyclopentadiene	ND	0.20		mg/Kg-dry	1	2/25/2020
Hexachloroethane	ND	0.20		mg/Kg-dry	1	2/25/2020
Indeno(1,2,3-cd)pyrene	0.39	0.039		mg/Kg-dry	1	2/25/2020
Isophorone	ND	0.20		mg/Kg-dry	1	2/25/2020
2-Methylnaphthalene	ND	0.20		mg/Kg-dry	1	2/25/2020
2-Methylphenol	ND	0.20		mg/Kg-dry	1	2/25/2020
4-Methylphenol	ND	0.20		mg/Kg-dry	1	2/25/2020
Naphthalene	ND	0.039		mg/Kg-dry	1	2/25/2020
2-Nitroaniline	ND	0.20		mg/Kg-dry	1	2/25/2020
3-Nitroaniline	ND	0.20		mg/Kg-dry	1	2/25/2020
4-Nitroaniline	ND	0.20		mg/Kg-dry	1	2/25/2020
2-Nitrophenol	ND	0.20		mg/Kg-dry	1	2/25/2020
4-Nitrophenol	ND	0.39		mg/Kg-dry	1	2/25/2020
Nitrobenzene	ND	0.039		mg/Kg-dry	1	2/25/2020
N-Nitrosodi-n-propylamine	ND	0.039		mg/Kg-dry	1	2/25/2020
N-Nitrosodimethylamine	ND	0.20		mg/Kg-dry	1	2/25/2020
N-Nitrosodiphenylamine	ND	0.039		mg/Kg-dry	1	2/25/2020
2, 2'-oxybis(1-Chloropropane)	ND	0.20		mg/Kg-dry	1	2/25/2020
Pentachlorophenol	ND	0.039		mg/Kg-dry	1	2/25/2020
Phenanthrene	0.33	0.039		mg/Kg-dry	1	2/25/2020
Phenol	ND	0.20		mg/Kg-dry	1	2/25/2020
Pyrene	1.0	0.039		mg/Kg-dry	1	2/25/2020
Pyridine	ND	0.79		mg/Kg-dry	1	2/25/2020
1,2,4-Trichlorobenzene	ND	0.20		mg/Kg-dry	1	2/25/2020
2,4,5-Trichlorophenol	ND	0.20		mg/Kg-dry	1	2/25/2020
2,4,6-Trichlorophenol	ND	0.20		mg/Kg-dry	1	2/25/2020
<b>Metals by ICP/MS</b>						
	<b>SW6020A (SW3050B)</b>				Prep Date: <b>2/26/2020</b>	Analyst: <b>MDT</b>
Antimony	ND	2.0		mg/Kg-dry	10	2/26/2020
Arsenic	6.4	1.0		mg/Kg-dry	10	2/26/2020
Barium	110	1.0		mg/Kg-dry	10	2/26/2020
Beryllium	ND	0.50		mg/Kg-dry	10	2/26/2020
Cadmium	1.5	0.50		mg/Kg-dry	10	2/26/2020
Calcium	39000	60		mg/Kg-dry	10	2/26/2020
Chromium	29	1.0		mg/Kg-dry	10	2/26/2020

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers: J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded

**STAT Analysis Corporation**

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

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

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

Date Reported: March 13, 2020

Date Printed: March 13, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360VZ-26-02 (0-5)

Work Order: 20020556 Revision 0

Collection Date: 2/18/2020 9:40:00 AM

Project: 81.0220509.75, WO #37, Elk Grove

Matrix: Soil

Lab ID: 20020556-038

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Metals by ICP/MS</b>	<b>SW6020A (SW3050B)</b>		Prep Date: <b>2/26/2020</b>		Analyst: <b>MDT</b>	
Cobalt	8.3	1.0		mg/Kg-dry	10	2/26/2020
Copper	37	2.5		mg/Kg-dry	10	2/26/2020
Iron	19000	30		mg/Kg-dry	10	2/26/2020
Lead	140	0.50		mg/Kg-dry	10	2/26/2020
Magnesium	22000	30		mg/Kg-dry	10	2/26/2020
Manganese	470	1.0		mg/Kg-dry	10	2/26/2020
Nickel	22	1.0		mg/Kg-dry	10	2/26/2020
Potassium	1500	30		mg/Kg-dry	10	2/26/2020
Selenium	ND	1.0		mg/Kg-dry	10	2/26/2020
Silver	ND	1.0		mg/Kg-dry	10	2/26/2020
Sodium	110	60		mg/Kg-dry	10	2/26/2020
Thallium	ND	1.0		mg/Kg-dry	10	2/26/2020
Vanadium	24	1.0		mg/Kg-dry	10	2/26/2020
Zinc	160	5.0		mg/Kg-dry	10	2/26/2020
<b>SPLP Metals by ICP/MS</b>	<b>SW1312/6020A (SW3005A)</b>		Prep Date: <b>2/28/2020</b>		Analyst: <b>JG</b>	
Arsenic	ND	0.0040		mg/L	2	2/28/2020
Barium	ND	0.020		mg/L	2	2/28/2020
Beryllium	ND	0.0020		mg/L	2	2/28/2020
Cadmium	ND	0.0020		mg/L	2	2/28/2020
Chromium	ND	0.0040		mg/L	2	2/28/2020
Cobalt	ND	0.0040		mg/L	2	2/28/2020
Copper	ND	0.040		mg/L	2	2/28/2020
Iron	1.2	0.10		mg/L	2	2/28/2020
Lead	0.0038	0.0020		mg/L	2	2/28/2020
Manganese	0.0083	0.0040		mg/L	2	2/28/2020
Nickel	ND	0.0040		mg/L	2	2/28/2020
Selenium	ND	0.0040		mg/L	2	2/28/2020
Silver	ND	0.0040		mg/L	2	2/28/2020
Zinc	ND	0.020		mg/L	2	2/28/2020
<b>TCLP Metals by ICP/MS</b>	<b>SW1311/6020A (SW3005A)</b>		Prep Date: <b>2/25/2020</b>		Analyst: <b>MDT</b>	
Arsenic	ND	0.010		mg/L	5	2/26/2020
Barium	0.60	0.050		mg/L	5	2/26/2020
Beryllium	ND	0.0050		mg/L	5	2/26/2020
Cadmium	ND	0.0050		mg/L	5	2/26/2020
Chromium	ND	0.010		mg/L	5	2/26/2020
Cobalt	ND	0.010		mg/L	5	2/26/2020
Copper	ND	0.10		mg/L	5	2/26/2020

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers: J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded

**STAT Analysis Corporation**

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

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

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

Date Reported: March 13, 2020

Date Printed: March 13, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Work Order: 20020556 Revision 0

Project: 81.0220509.75, WO #37, Elk Grove

Lab ID: 20020556-038

Client Sample ID: 2360VZ-26-02 (0-5)

Collection Date: 2/18/2020 9:40:00 AM

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>TCLP Metals by ICP/MS</b>	<b>SW1311/6020A (SW3005A)</b>		Prep Date: <b>2/25/2020</b>		Analyst: <b>MDT</b>	
Iron	ND	0.25		mg/L	5	2/26/2020
Lead	0.0066	0.0050		mg/L	5	2/26/2020
Manganese	0.10	0.010		mg/L	5	2/26/2020
Nickel	0.013	0.010		mg/L	5	2/26/2020
Selenium	ND	0.010		mg/L	5	2/26/2020
Silver	ND	0.010		mg/L	5	2/26/2020
Zinc	ND	0.050		mg/L	5	2/26/2020
<b>TCLP Mercury</b>	<b>SW1311/7470A</b>		Prep Date: <b>3/9/2020</b>		Analyst: <b>MDT</b>	
Mercury	ND	0.00020		mg/L	1	3/10/2020
<b>SPLP Mercury</b>	<b>SW1312/7470A</b>		Prep Date: <b>3/10/2020</b>		Analyst: <b>LB</b>	
Mercury	ND	0.00020		mg/L	1	3/11/2020
<b>Mercury</b>	<b>SW7471B</b>		Prep Date: <b>3/11/2020</b>		Analyst: <b>LB</b>	
Mercury	0.059	0.020		mg/Kg-dry	1	3/12/2020
<b>pH (25 °C)</b>	<b>SW9045C</b>		Prep Date: <b>2/26/2020</b>		Analyst: <b>FN</b>	
pH	8.10			pH Units	1	2/26/2020
<b>Percent Moisture</b>	<b>D2974</b>		Prep Date: <b>2/21/2020</b>		Analyst: <b>FN</b>	
Percent Moisture	14.8	0.2	*	wt%	1	2/24/2020

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

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

**STAT Analysis Corporation**

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

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

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

Date Reported: March 13, 2020

Date Printed: March 13, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360VZ-26-02 (5-10)

Work Order: 20020556 Revision 0

Collection Date: 2/18/2020 9:45:00 AM

Project: 81.0220509.75, WO #37, Elk Grove

Matrix: Soil

Lab ID: 20020556-039

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Volatile Organic Compounds by GC/MS</b>		<b>SW5035/8260B</b>		Prep Date: <b>2/21/2020</b>		Analyst: <b>JDT</b>
Acetone	ND	0.062		mg/Kg-dry	1	2/29/2020
Benzene	ND	0.0041		mg/Kg-dry	1	2/29/2020
Bromodichloromethane	ND	0.0041		mg/Kg-dry	1	2/29/2020
Bromoform	ND	0.0041		mg/Kg-dry	1	2/29/2020
Bromomethane	ND	0.0082		mg/Kg-dry	1	2/29/2020
2-Butanone	ND	0.062		mg/Kg-dry	1	2/29/2020
Carbon disulfide	ND	0.041		mg/Kg-dry	1	2/29/2020
Carbon tetrachloride	ND	0.0041		mg/Kg-dry	1	2/29/2020
Chlorobenzene	ND	0.0041		mg/Kg-dry	1	2/29/2020
Chloroethane	ND	0.0082		mg/Kg-dry	1	2/29/2020
Chloroform	ND	0.0041		mg/Kg-dry	1	2/29/2020
Chloromethane	ND	0.0082		mg/Kg-dry	1	2/29/2020
Dibromochloromethane	ND	0.0041		mg/Kg-dry	1	2/29/2020
1,1-Dichloroethane	ND	0.0041		mg/Kg-dry	1	2/29/2020
1,2-Dichloroethane	ND	0.0041		mg/Kg-dry	1	2/29/2020
1,1-Dichloroethene	ND	0.0041		mg/Kg-dry	1	2/29/2020
cis-1,2-Dichloroethene	ND	0.0041		mg/Kg-dry	1	2/29/2020
trans-1,2-Dichloroethene	ND	0.0041		mg/Kg-dry	1	2/29/2020
1,2-Dichloropropane	ND	0.0041		mg/Kg-dry	1	2/29/2020
cis-1,3-Dichloropropene	ND	0.0016		mg/Kg-dry	1	2/29/2020
trans-1,3-Dichloropropene	ND	0.0016		mg/Kg-dry	1	2/29/2020
Ethylbenzene	ND	0.0041		mg/Kg-dry	1	2/29/2020
2-Hexanone	ND	0.016		mg/Kg-dry	1	2/29/2020
4-Methyl-2-pentanone	ND	0.016		mg/Kg-dry	1	2/29/2020
Methylene chloride	ND	0.0082		mg/Kg-dry	1	2/29/2020
Methyl tert-butyl ether	ND	0.0041		mg/Kg-dry	1	2/29/2020
Styrene	ND	0.0041		mg/Kg-dry	1	2/29/2020
1,1,2,2-Tetrachloroethane	ND	0.0041		mg/Kg-dry	1	2/29/2020
Tetrachloroethene	ND	0.0041		mg/Kg-dry	1	2/29/2020
Toluene	ND	0.0041		mg/Kg-dry	1	2/29/2020
1,1,1-Trichloroethane	ND	0.0041		mg/Kg-dry	1	2/29/2020
1,1,2-Trichloroethane	ND	0.0041		mg/Kg-dry	1	2/29/2020
Trichloroethene	ND	0.0041		mg/Kg-dry	1	2/29/2020
Vinyl chloride	ND	0.0041		mg/Kg-dry	1	2/29/2020
Xylenes, Total	ND	0.012		mg/Kg-dry	1	2/29/2020
<b>Semivolatile Organic Compounds by GC/MS</b>		<b>SW8270D (SW3550B)</b>		Prep Date: <b>2/24/2020</b>		Analyst: <b>DM</b>
Acenaphthene	ND	0.038		mg/Kg-dry	1	2/25/2020
Acenaphthylene	ND	0.038		mg/Kg-dry	1	2/25/2020

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

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



**STAT Analysis Corporation**

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

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

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

Date Reported: March 13, 2020

Date Printed: March 13, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360VZ-26-02 (5-10)

Work Order: 20020556 Revision 0

Collection Date: 2/18/2020 9:45:00 AM

Project: 81.0220509.75, WO #37, Elk Grove

Matrix: Soil

Lab ID: 20020556-039

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Semivolatile Organic Compounds by GC/MS</b>	<b>SW8270D (SW3550B)</b>				Prep Date: 2/24/2020	Analyst: DM
Aniline	ND	0.39		mg/Kg-dry	1	2/25/2020
Anthracene	ND	0.038		mg/Kg-dry	1	2/25/2020
Benz(a)anthracene	ND	0.038		mg/Kg-dry	1	2/25/2020
Benzidine	ND	0.38		mg/Kg-dry	1	2/25/2020
Benzo(a)pyrene	ND	0.038		mg/Kg-dry	1	2/25/2020
Benzo(b)fluoranthene	ND	0.038		mg/Kg-dry	1	2/25/2020
Benzo(g,h,i)perylene	ND	0.038		mg/Kg-dry	1	2/25/2020
Benzo(k)fluoranthene	ND	0.038		mg/Kg-dry	1	2/25/2020
Benzoic acid	ND	0.97		mg/Kg-dry	1	2/25/2020
Benzyl alcohol	ND	0.20		mg/Kg-dry	1	2/25/2020
Bis(2-chloroethoxy)methane	ND	0.20		mg/Kg-dry	1	2/25/2020
Bis(2-chloroethyl)ether	ND	0.20		mg/Kg-dry	1	2/25/2020
Bis(2-ethylhexyl)phthalate	ND	0.97		mg/Kg-dry	1	2/25/2020
4-Bromophenyl phenyl ether	ND	0.20		mg/Kg-dry	1	2/25/2020
Butyl benzyl phthalate	ND	0.20		mg/Kg-dry	1	2/25/2020
Carbazole	ND	0.20		mg/Kg-dry	1	2/25/2020
4-Chloroaniline	ND	0.20		mg/Kg-dry	1	2/25/2020
4-Chloro-3-methylphenol	ND	0.38		mg/Kg-dry	1	2/25/2020
2-Chloronaphthalene	ND	0.20		mg/Kg-dry	1	2/25/2020
2-Chlorophenol	ND	0.20		mg/Kg-dry	1	2/25/2020
4-Chlorophenyl phenyl ether	ND	0.20		mg/Kg-dry	1	2/25/2020
Chrysene	ND	0.038		mg/Kg-dry	1	2/25/2020
Dibenz(a,h)anthracene	ND	0.038		mg/Kg-dry	1	2/25/2020
Dibenzofuran	ND	0.20		mg/Kg-dry	1	2/25/2020
1,2-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	2/25/2020
1,3-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	2/25/2020
1,4-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	2/25/2020
3,3'-Dichlorobenzidine	ND	0.20		mg/Kg-dry	1	2/25/2020
2,4-Dichlorophenol	ND	0.20		mg/Kg-dry	1	2/25/2020
Diethyl phthalate	ND	0.20		mg/Kg-dry	1	2/25/2020
2,4-Dimethylphenol	ND	0.20		mg/Kg-dry	1	2/25/2020
Dimethyl phthalate	ND	0.20		mg/Kg-dry	1	2/25/2020
4,6-Dinitro-2-methylphenol	ND	0.38		mg/Kg-dry	1	2/25/2020
2,4-Dinitrophenol	ND	0.97		mg/Kg-dry	1	2/25/2020
2,4-Dinitrotoluene	ND	0.038		mg/Kg-dry	1	2/25/2020
2,6-Dinitrotoluene	ND	0.038		mg/Kg-dry	1	2/25/2020
Di-n-butyl phthalate	ND	0.20		mg/Kg-dry	1	2/25/2020
Di-n-octyl phthalate	ND	0.20		mg/Kg-dry	1	2/25/2020

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers: J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded

**STAT Analysis Corporation**

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

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

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

Date Reported: March 13, 2020

Date Printed: March 13, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360VZ-26-02 (5-10)

Work Order: 20020556 Revision 0

Collection Date: 2/18/2020 9:45:00 AM

Project: 81.0220509.75, WO #37, Elk Grove

Matrix: Soil

Lab ID: 20020556-039

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
----------	--------	----	-----------	-------	----	---------------

Semivolatile Organic Compounds by GC/MS	SW8270D (SW3550B)	Prep Date: 2/24/2020			Analyst: DM
---	-------------------	----------------------	--	--	-------------

Fluoranthene	ND	0.038		mg/Kg-dry	1	2/25/2020
Fluorene	ND	0.038		mg/Kg-dry	1	2/25/2020
Hexachlorobenzene	ND	0.20		mg/Kg-dry	1	2/25/2020
Hexachlorobutadiene	ND	0.20		mg/Kg-dry	1	2/25/2020
Hexachlorocyclopentadiene	ND	0.20		mg/Kg-dry	1	2/25/2020
Hexachloroethane	ND	0.20		mg/Kg-dry	1	2/25/2020
Indeno(1,2,3-cd)pyrene	ND	0.038		mg/Kg-dry	1	2/25/2020
Isophorone	ND	0.20		mg/Kg-dry	1	2/25/2020
2-Methylnaphthalene	ND	0.20		mg/Kg-dry	1	2/25/2020
2-Methylphenol	ND	0.20		mg/Kg-dry	1	2/25/2020
4-Methylphenol	ND	0.20		mg/Kg-dry	1	2/25/2020
Naphthalene	ND	0.038		mg/Kg-dry	1	2/25/2020
2-Nitroaniline	ND	0.20		mg/Kg-dry	1	2/25/2020
3-Nitroaniline	ND	0.20		mg/Kg-dry	1	2/25/2020
4-Nitroaniline	ND	0.20		mg/Kg-dry	1	2/25/2020
2-Nitrophenol	ND	0.20		mg/Kg-dry	1	2/25/2020
4-Nitrophenol	ND	0.38		mg/Kg-dry	1	2/25/2020
Nitrobenzene	ND	0.038		mg/Kg-dry	1	2/25/2020
N-Nitrosodi-n-propylamine	ND	0.038		mg/Kg-dry	1	2/25/2020
N-Nitrosodimethylamine	ND	0.20		mg/Kg-dry	1	2/25/2020
N-Nitrosodiphenylamine	ND	0.038		mg/Kg-dry	1	2/25/2020
2, 2'-oxybis(1-Chloropropane)	ND	0.20		mg/Kg-dry	1	2/25/2020
Pentachlorophenol	ND	0.038		mg/Kg-dry	1	2/25/2020
Phenanthrene	ND	0.038		mg/Kg-dry	1	2/25/2020
Phenol	ND	0.20		mg/Kg-dry	1	2/25/2020
Pyrene	ND	0.038		mg/Kg-dry	1	2/25/2020
Pyridine	ND	0.78		mg/Kg-dry	1	2/25/2020
1,2,4-Trichlorobenzene	ND	0.20		mg/Kg-dry	1	2/25/2020
2,4,5-Trichlorophenol	ND	0.20		mg/Kg-dry	1	2/25/2020
2,4,6-Trichlorophenol	ND	0.20		mg/Kg-dry	1	2/25/2020

Metals by ICP/MS	SW6020A (SW3050B)	Prep Date: 2/26/2020			Analyst: MDT
------------------	-------------------	----------------------	--	--	--------------

Antimony	ND	2.1		mg/Kg-dry	10	2/26/2020
Arsenic	9.2	1.0		mg/Kg-dry	10	2/26/2020
Barium	41	1.0		mg/Kg-dry	10	2/26/2020
Beryllium	ND	0.52		mg/Kg-dry	10	2/26/2020
Cadmium	ND	0.52		mg/Kg-dry	10	2/26/2020
Calcium	71000	62		mg/Kg-dry	10	2/26/2020
Chromium	18	1.0		mg/Kg-dry	10	2/26/2020

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

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

**STAT Analysis Corporation**

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

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

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

Date Reported: March 13, 2020

Date Printed: March 13, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360VZ-26-02 (5-10)

Work Order: 20020556 Revision 0

Collection Date: 2/18/2020 9:45:00 AM

Project: 81.0220509.75, WO #37, Elk Grove

Matrix: Soil

Lab ID: 20020556-039

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Metals by ICP/MS</b>		<b>SW6020A (SW3050B)</b>		Prep Date: <b>2/26/2020</b>		Analyst: <b>MDT</b>
Cobalt	9.3	1.0		mg/Kg-dry	10	2/26/2020
Copper	22	2.6		mg/Kg-dry	10	2/26/2020
Iron	22000	31		mg/Kg-dry	10	2/26/2020
Lead	12	0.52		mg/Kg-dry	10	2/26/2020
Magnesium	37000	31		mg/Kg-dry	10	2/26/2020
Manganese	420	1.0		mg/Kg-dry	10	2/26/2020
Nickel	28	1.0		mg/Kg-dry	10	2/26/2020
Potassium	2400	31		mg/Kg-dry	10	2/26/2020
Selenium	ND	1.0		mg/Kg-dry	10	2/26/2020
Silver	ND	1.0		mg/Kg-dry	10	2/26/2020
Sodium	320	62		mg/Kg-dry	10	2/26/2020
Thallium	ND	1.0		mg/Kg-dry	10	2/26/2020
Vanadium	21	1.0		mg/Kg-dry	10	2/26/2020
Zinc	48	5.2		mg/Kg-dry	10	2/26/2020
<b>SPLP Metals by ICP/MS</b>		<b>SW1312/6020A (SW3005A)</b>		Prep Date: <b>2/28/2020</b>		Analyst: <b>JG</b>
Arsenic	ND	0.0040		mg/L	2	2/28/2020
Barium	0.022	0.020		mg/L	2	2/28/2020
Beryllium	ND	0.0020		mg/L	2	2/28/2020
Cadmium	ND	0.0020		mg/L	2	2/28/2020
Chromium	0.0069	0.0040		mg/L	2	2/28/2020
Cobalt	ND	0.0040		mg/L	2	2/28/2020
Copper	ND	0.040		mg/L	2	2/28/2020
Iron	4.0	0.10		mg/L	2	2/28/2020
Lead	0.0020	0.0020		mg/L	2	2/28/2020
Manganese	0.021	0.0040		mg/L	2	2/28/2020
Nickel	0.0051	0.0040		mg/L	2	2/28/2020
Selenium	ND	0.0040		mg/L	2	2/28/2020
Silver	ND	0.0040		mg/L	2	2/28/2020
Zinc	ND	0.020		mg/L	2	2/28/2020
<b>TCLP Metals by ICP/MS</b>		<b>SW1311/6020A (SW3005A)</b>		Prep Date: <b>2/26/2020</b>		Analyst: <b>MDT</b>
Arsenic	ND	0.010		mg/L	5	2/26/2020
Barium	0.30	0.050		mg/L	5	2/26/2020
Beryllium	ND	0.0050		mg/L	5	2/26/2020
Cadmium	ND	0.0050		mg/L	5	2/26/2020
Chromium	ND	0.010		mg/L	5	2/26/2020
Cobalt	ND	0.010		mg/L	5	2/26/2020
Copper	ND	0.10		mg/L	5	2/26/2020

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers: J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded

**STAT Analysis Corporation**

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

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

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

Date Reported: March 13, 2020

Date Printed: March 13, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Work Order: 20020556 Revision 0

Project: 81.0220509.75, WO #37, Elk Grove

Lab ID: 20020556-039

Client Sample ID: 2360VZ-26-02 (5-10)

Collection Date: 2/18/2020 9:45:00 AM

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>TCLP Metals by ICP/MS</b>	<b>SW1311/6020A (SW3005A)</b>			Prep Date: <b>2/26/2020</b>		Analyst: <b>MDT</b>
Iron	ND	0.25		mg/L	5	2/26/2020
Lead	ND	0.0050		mg/L	5	2/26/2020
Manganese	1.4	0.010		mg/L	5	2/26/2020
Nickel	0.017	0.010		mg/L	5	2/26/2020
Selenium	ND	0.010		mg/L	5	2/26/2020
Silver	ND	0.010		mg/L	5	2/26/2020
Zinc	ND	0.050		mg/L	5	2/26/2020
<b>TCLP Mercury</b>	<b>SW1311/7470A</b>			Prep Date: <b>3/9/2020</b>		Analyst: <b>MDT</b>
Mercury	ND	0.00020		mg/L	1	3/10/2020
<b>SPLP Mercury</b>	<b>SW1312/7470A</b>			Prep Date: <b>3/10/2020</b>		Analyst: <b>LB</b>
Mercury	ND	0.00020		mg/L	1	3/11/2020
<b>Mercury</b>	<b>SW7471B</b>			Prep Date: <b>3/11/2020</b>		Analyst: <b>LB</b>
Mercury	ND	0.019		mg/Kg-dry	1	3/11/2020
<b>pH (25 °C)</b>	<b>SW9045C</b>			Prep Date: <b>2/26/2020</b>		Analyst: <b>FN</b>
pH	8.18			pH Units	1	2/26/2020
<b>Percent Moisture</b>	<b>D2974</b>			Prep Date: <b>2/21/2020</b>		Analyst: <b>FN</b>
Percent Moisture	14.8	0.2	*	wt%	1	2/24/2020

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

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

**STAT Analysis Corporation**

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

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

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

Date Reported: March 13, 2020

Date Printed: March 13, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360VZ-26-02 (10-15)

Work Order: 20020556 Revision 0

Collection Date: 2/18/2020 9:50:00 AM

Project: 81.0220509.75, WO #37, Elk Grove

Matrix: Soil

Lab ID: 20020556-040

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Volatile Organic Compounds by GC/MS</b>		<b>SW5035/8260B</b>		Prep Date: <b>2/21/2020</b>		Analyst: <b>JDT</b>
Acetone	ND	0.061		mg/Kg-dry	1	2/29/2020
Benzene	ND	0.0041		mg/Kg-dry	1	2/29/2020
Bromodichloromethane	ND	0.0041		mg/Kg-dry	1	2/29/2020
Bromoform	ND	0.0041		mg/Kg-dry	1	2/29/2020
Bromomethane	ND	0.0081		mg/Kg-dry	1	2/29/2020
2-Butanone	ND	0.061		mg/Kg-dry	1	2/29/2020
Carbon disulfide	ND	0.041		mg/Kg-dry	1	2/29/2020
Carbon tetrachloride	ND	0.0041		mg/Kg-dry	1	2/29/2020
Chlorobenzene	ND	0.0041		mg/Kg-dry	1	2/29/2020
Chloroethane	ND	0.0081		mg/Kg-dry	1	2/29/2020
Chloroform	ND	0.0041		mg/Kg-dry	1	2/29/2020
Chloromethane	ND	0.0081		mg/Kg-dry	1	2/29/2020
Dibromochloromethane	ND	0.0041		mg/Kg-dry	1	2/29/2020
1,1-Dichloroethane	ND	0.0041		mg/Kg-dry	1	2/29/2020
1,2-Dichloroethane	ND	0.0041		mg/Kg-dry	1	2/29/2020
1,1-Dichloroethene	ND	0.0041		mg/Kg-dry	1	2/29/2020
cis-1,2-Dichloroethene	ND	0.0041		mg/Kg-dry	1	2/29/2020
trans-1,2-Dichloroethene	ND	0.0041		mg/Kg-dry	1	2/29/2020
1,2-Dichloropropane	ND	0.0041		mg/Kg-dry	1	2/29/2020
cis-1,3-Dichloropropene	ND	0.0016		mg/Kg-dry	1	2/29/2020
trans-1,3-Dichloropropene	ND	0.0016		mg/Kg-dry	1	2/29/2020
Ethylbenzene	ND	0.0041		mg/Kg-dry	1	2/29/2020
2-Hexanone	ND	0.016		mg/Kg-dry	1	2/29/2020
4-Methyl-2-pentanone	ND	0.016		mg/Kg-dry	1	2/29/2020
Methylene chloride	ND	0.0081		mg/Kg-dry	1	2/29/2020
Methyl tert-butyl ether	ND	0.0041		mg/Kg-dry	1	2/29/2020
Styrene	ND	0.0041		mg/Kg-dry	1	2/29/2020
1,1,2,2-Tetrachloroethane	ND	0.0041		mg/Kg-dry	1	2/29/2020
Tetrachloroethene	ND	0.0041		mg/Kg-dry	1	2/29/2020
Toluene	ND	0.0041		mg/Kg-dry	1	2/29/2020
1,1,1-Trichloroethane	ND	0.0041		mg/Kg-dry	1	2/29/2020
1,1,2-Trichloroethane	ND	0.0041		mg/Kg-dry	1	2/29/2020
Trichloroethene	ND	0.0041		mg/Kg-dry	1	2/29/2020
Vinyl chloride	ND	0.0041		mg/Kg-dry	1	2/29/2020
Xylenes, Total	ND	0.012		mg/Kg-dry	1	2/29/2020
<b>Semivolatile Organic Compounds by GC/MS</b>		<b>SW8270D (SW3550B)</b>		Prep Date: <b>2/24/2020</b>		Analyst: <b>DM</b>
Acenaphthene	ND	0.035		mg/Kg-dry	1	2/25/2020
Acenaphthylene	ND	0.035		mg/Kg-dry	1	2/25/2020

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

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

**STAT Analysis Corporation**

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

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

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

Date Reported: March 13, 2020

Date Printed: March 13, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360VZ-26-02 (10-15)

Work Order: 20020556 Revision 0

Collection Date: 2/18/2020 9:50:00 AM

Project: 81.0220509.75, WO #37, Elk Grove

Matrix: Soil

Lab ID: 20020556-040

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Semivolatile Organic Compounds by GC/MS</b>	<b>SW8270D (SW3550B)</b>				Prep Date: 2/24/2020	Analyst: DM
Aniline	ND	0.36		mg/Kg-dry	1	2/25/2020
Anthracene	ND	0.035		mg/Kg-dry	1	2/25/2020
Benz(a)anthracene	ND	0.035		mg/Kg-dry	1	2/25/2020
Benzidine	ND	0.35		mg/Kg-dry	1	2/25/2020
Benzo(a)pyrene	ND	0.035		mg/Kg-dry	1	2/25/2020
Benzo(b)fluoranthene	ND	0.035		mg/Kg-dry	1	2/25/2020
Benzo(g,h,i)perylene	ND	0.035		mg/Kg-dry	1	2/25/2020
Benzo(k)fluoranthene	ND	0.035		mg/Kg-dry	1	2/25/2020
Benzoic acid	ND	0.89		mg/Kg-dry	1	2/25/2020
Benzyl alcohol	ND	0.18		mg/Kg-dry	1	2/25/2020
Bis(2-chloroethoxy)methane	ND	0.18		mg/Kg-dry	1	2/25/2020
Bis(2-chloroethyl)ether	ND	0.18		mg/Kg-dry	1	2/25/2020
Bis(2-ethylhexyl)phthalate	ND	0.89		mg/Kg-dry	1	2/25/2020
4-Bromophenyl phenyl ether	ND	0.18		mg/Kg-dry	1	2/25/2020
Butyl benzyl phthalate	ND	0.18		mg/Kg-dry	1	2/25/2020
Carbazole	ND	0.18		mg/Kg-dry	1	2/25/2020
4-Chloroaniline	ND	0.18		mg/Kg-dry	1	2/25/2020
4-Chloro-3-methylphenol	ND	0.35		mg/Kg-dry	1	2/25/2020
2-Chloronaphthalene	ND	0.18		mg/Kg-dry	1	2/25/2020
2-Chlorophenol	ND	0.18		mg/Kg-dry	1	2/25/2020
4-Chlorophenyl phenyl ether	ND	0.18		mg/Kg-dry	1	2/25/2020
Chrysene	ND	0.035		mg/Kg-dry	1	2/25/2020
Dibenz(a,h)anthracene	ND	0.035		mg/Kg-dry	1	2/25/2020
Dibenzofuran	ND	0.18		mg/Kg-dry	1	2/25/2020
1,2-Dichlorobenzene	ND	0.18		mg/Kg-dry	1	2/25/2020
1,3-Dichlorobenzene	ND	0.18		mg/Kg-dry	1	2/25/2020
1,4-Dichlorobenzene	ND	0.18		mg/Kg-dry	1	2/25/2020
3,3'-Dichlorobenzidine	ND	0.18		mg/Kg-dry	1	2/25/2020
2,4-Dichlorophenol	ND	0.18		mg/Kg-dry	1	2/25/2020
Diethyl phthalate	ND	0.18		mg/Kg-dry	1	2/25/2020
2,4-Dimethylphenol	ND	0.18		mg/Kg-dry	1	2/25/2020
Dimethyl phthalate	ND	0.18		mg/Kg-dry	1	2/25/2020
4,6-Dinitro-2-methylphenol	ND	0.35		mg/Kg-dry	1	2/25/2020
2,4-Dinitrophenol	ND	0.89		mg/Kg-dry	1	2/25/2020
2,4-Dinitrotoluene	ND	0.035		mg/Kg-dry	1	2/25/2020
2,6-Dinitrotoluene	ND	0.035		mg/Kg-dry	1	2/25/2020
Di-n-butyl phthalate	ND	0.18		mg/Kg-dry	1	2/25/2020
Di-n-octyl phthalate	ND	0.18		mg/Kg-dry	1	2/25/2020

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

**Qualifiers:**

J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded

**STAT Analysis Corporation**

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

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

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

Date Reported: March 13, 2020

Date Printed: March 13, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360VZ-26-02 (10-15)

Work Order: 20020556 Revision 0

Collection Date: 2/18/2020 9:50:00 AM

Project: 81.0220509.75, WO #37, Elk Grove

Matrix: Soil

Lab ID: 20020556-040

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
----------	--------	----	-----------	-------	----	---------------

Semivolatile Organic Compounds by GC/MS	SW8270D (SW3550B)				Prep Date: 2/24/2020	Analyst: DM
---	-------------------	--	--	--	----------------------	-------------

Fluoranthene	ND	0.035		mg/Kg-dry	1	2/25/2020
Fluorene	ND	0.035		mg/Kg-dry	1	2/25/2020
Hexachlorobenzene	ND	0.18		mg/Kg-dry	1	2/25/2020
Hexachlorobutadiene	ND	0.18		mg/Kg-dry	1	2/25/2020
Hexachlorocyclopentadiene	ND	0.18		mg/Kg-dry	1	2/25/2020
Hexachloroethane	ND	0.18		mg/Kg-dry	1	2/25/2020
Indeno(1,2,3-cd)pyrene	ND	0.035		mg/Kg-dry	1	2/25/2020
Isophorone	ND	0.18		mg/Kg-dry	1	2/25/2020
2-Methylnaphthalene	ND	0.18		mg/Kg-dry	1	2/25/2020
2-Methylphenol	ND	0.18		mg/Kg-dry	1	2/25/2020
4-Methylphenol	ND	0.18		mg/Kg-dry	1	2/25/2020
Naphthalene	ND	0.035		mg/Kg-dry	1	2/25/2020
2-Nitroaniline	ND	0.18		mg/Kg-dry	1	2/25/2020
3-Nitroaniline	ND	0.18		mg/Kg-dry	1	2/25/2020
4-Nitroaniline	ND	0.18		mg/Kg-dry	1	2/25/2020
2-Nitrophenol	ND	0.18		mg/Kg-dry	1	2/25/2020
4-Nitrophenol	ND	0.35		mg/Kg-dry	1	2/25/2020
Nitrobenzene	ND	0.035		mg/Kg-dry	1	2/25/2020
N-Nitrosodi-n-propylamine	ND	0.035		mg/Kg-dry	1	2/25/2020
N-Nitrosodimethylamine	ND	0.18		mg/Kg-dry	1	2/25/2020
N-Nitrosodiphenylamine	ND	0.035		mg/Kg-dry	1	2/25/2020
2, 2'-oxybis(1-Chloropropane)	ND	0.18		mg/Kg-dry	1	2/25/2020
Pentachlorophenol	ND	0.035		mg/Kg-dry	1	2/25/2020
Phenanthrene	ND	0.035		mg/Kg-dry	1	2/25/2020
Phenol	ND	0.18		mg/Kg-dry	1	2/25/2020
Pyrene	ND	0.035		mg/Kg-dry	1	2/25/2020
Pyridine	ND	0.72		mg/Kg-dry	1	2/25/2020
1,2,4-Trichlorobenzene	ND	0.18		mg/Kg-dry	1	2/25/2020
2,4,5-Trichlorophenol	ND	0.18		mg/Kg-dry	1	2/25/2020
2,4,6-Trichlorophenol	ND	0.18		mg/Kg-dry	1	2/25/2020

Metals by ICP/MS	SW6020A (SW3050B)				Prep Date: 2/26/2020	Analyst: MDT
------------------	-------------------	--	--	--	----------------------	--------------

Antimony	ND	2.0		mg/Kg-dry	10	2/26/2020
Arsenic	5.7	0.98		mg/Kg-dry	10	2/26/2020
Barium	35	0.98		mg/Kg-dry	10	2/26/2020
Beryllium	ND	0.49		mg/Kg-dry	10	2/26/2020
Cadmium	ND	0.49		mg/Kg-dry	10	2/26/2020
Calcium	65000	59		mg/Kg-dry	10	2/26/2020
Chromium	15	0.98		mg/Kg-dry	10	2/26/2020

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

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

**STAT Analysis Corporation**

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

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

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

Date Reported: March 13, 2020

Date Printed: March 13, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360VZ-26-02 (10-15)

Work Order: 20020556 Revision 0

Collection Date: 2/18/2020 9:50:00 AM

Project: 81.0220509.75, WO #37, Elk Grove

Matrix: Soil

Lab ID: 20020556-040

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Metals by ICP/MS</b>		<b>SW6020A (SW3050B)</b>		Prep Date: <b>2/26/2020</b>		Analyst: <b>MDT</b>
Cobalt	11	0.98		mg/Kg-dry	10	2/26/2020
Copper	25	2.5		mg/Kg-dry	10	2/26/2020
Iron	17000	29		mg/Kg-dry	10	2/26/2020
Lead	12	0.49		mg/Kg-dry	10	2/26/2020
Magnesium	30000	29		mg/Kg-dry	10	2/26/2020
Manganese	420	0.98		mg/Kg-dry	10	2/26/2020
Nickel	27	0.98		mg/Kg-dry	10	2/26/2020
Potassium	1800	29		mg/Kg-dry	10	2/26/2020
Selenium	ND	0.98		mg/Kg-dry	10	2/26/2020
Silver	ND	0.98		mg/Kg-dry	10	2/26/2020
Sodium	170	59		mg/Kg-dry	10	2/26/2020
Thallium	ND	0.98		mg/Kg-dry	10	2/26/2020
Vanadium	17	0.98		mg/Kg-dry	10	2/26/2020
Zinc	41	4.9		mg/Kg-dry	10	2/26/2020
<b>SPLP Metals by ICP/MS</b>		<b>SW1312/6020A (SW3005A)</b>		Prep Date: <b>2/28/2020</b>		Analyst: <b>JG</b>
Arsenic	ND	0.0040		mg/L	2	2/28/2020
Barium	0.027	0.020		mg/L	2	2/28/2020
Beryllium	ND	0.0020		mg/L	2	2/28/2020
Cadmium	ND	0.0020		mg/L	2	2/28/2020
Chromium	0.0052	0.0040		mg/L	2	2/28/2020
Cobalt	ND	0.0040		mg/L	2	2/28/2020
Copper	ND	0.040		mg/L	2	2/28/2020
Iron	1.8	0.10		mg/L	2	2/28/2020
Lead	ND	0.0020		mg/L	2	2/28/2020
Manganese	0.016	0.0040		mg/L	2	2/28/2020
Nickel	0.0041	0.0040		mg/L	2	2/28/2020
Selenium	ND	0.0040		mg/L	2	2/28/2020
Silver	ND	0.0040		mg/L	2	2/28/2020
Zinc	ND	0.020		mg/L	2	2/28/2020
<b>TCLP Metals by ICP/MS</b>		<b>SW1311/6020A (SW3005A)</b>		Prep Date: <b>2/26/2020</b>		Analyst: <b>MDT</b>
Arsenic	ND	0.010		mg/L	5	2/26/2020
Barium	0.39	0.050		mg/L	5	2/26/2020
Beryllium	ND	0.0050		mg/L	5	2/26/2020
Cadmium	ND	0.0050		mg/L	5	2/26/2020
Chromium	ND	0.010		mg/L	5	2/26/2020
Cobalt	0.032	0.010		mg/L	5	2/26/2020
Copper	ND	0.10		mg/L	5	2/26/2020

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers: J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded



**STAT Analysis Corporation**

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

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

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

Date Reported: March 13, 2020

Date Printed: March 13, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Work Order: 20020556 Revision 0

Project: 81.0220509.75, WO #37, Elk Grove

Lab ID: 20020556-040

Client Sample ID: 2360VZ-26-02 (10-15)

Collection Date: 2/18/2020 9:50:00 AM

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>TCLP Metals by ICP/MS</b>	<b>SW1311/6020A (SW3005A)</b>			Prep Date: <b>2/26/2020</b>		Analyst: <b>MDT</b>
Iron	ND	0.25		mg/L	5	2/26/2020
Lead	ND	0.0050		mg/L	5	2/26/2020
Manganese	2.0	0.010		mg/L	5	2/26/2020
Nickel	0.098	0.010		mg/L	5	2/26/2020
Selenium	ND	0.010		mg/L	5	2/26/2020
Silver	ND	0.010		mg/L	5	2/26/2020
Zinc	ND	0.050		mg/L	5	2/26/2020
<b>TCLP Mercury</b>	<b>SW1311/7470A</b>			Prep Date: <b>3/9/2020</b>		Analyst: <b>MDT</b>
Mercury	ND	0.00020		mg/L	1	3/10/2020
<b>SPLP Mercury</b>	<b>SW1312/7470A</b>			Prep Date: <b>3/10/2020</b>		Analyst: <b>LB</b>
Mercury	ND	0.00020		mg/L	1	3/10/2020
<b>Mercury</b>	<b>SW7471B</b>			Prep Date: <b>3/11/2020</b>		Analyst: <b>LB</b>
Mercury	ND	0.019		mg/Kg-dry	1	3/11/2020
<b>pH (25 °C)</b>	<b>SW9045C</b>			Prep Date: <b>2/26/2020</b>		Analyst: <b>FN</b>
pH	8.18			pH Units	1	2/26/2020
<b>Percent Moisture</b>	<b>D2974</b>			Prep Date: <b>2/21/2020</b>		Analyst: <b>FN</b>
Percent Moisture	9.9	0.2	*	wt%	1	2/24/2020

**Qualifiers:**

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

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

**STAT Analysis Corporation**

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

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

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

Date Reported: March 13, 2020

Date Printed: March 13, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360VZ-DUP-06 (5-10)

Work Order: 20020556 Revision 0

Collection Date: 2/18/2020 9:06:00 AM

Project: 81.0220509.75, WO #37, Elk Grove

Matrix: Soil

Lab ID: 20020556-047

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Volatile Organic Compounds by GC/MS</b>		<b>SW5035/8260B</b>		Prep Date: <b>2/21/2020</b>		Analyst: <b>JDT</b>
Acetone	ND	0.10		mg/Kg-dry	1	2/29/2020
Benzene	ND	0.0068		mg/Kg-dry	1	2/29/2020
Bromodichloromethane	ND	0.0068		mg/Kg-dry	1	2/29/2020
Bromoform	ND	0.0068		mg/Kg-dry	1	2/29/2020
Bromomethane	ND	0.014		mg/Kg-dry	1	2/29/2020
2-Butanone	ND	0.10		mg/Kg-dry	1	2/29/2020
Carbon disulfide	ND	0.068		mg/Kg-dry	1	2/29/2020
Carbon tetrachloride	ND	0.0068		mg/Kg-dry	1	2/29/2020
Chlorobenzene	ND	0.0068		mg/Kg-dry	1	2/29/2020
Chloroethane	ND	0.014		mg/Kg-dry	1	2/29/2020
Chloroform	ND	0.0068		mg/Kg-dry	1	2/29/2020
Chloromethane	ND	0.014		mg/Kg-dry	1	2/29/2020
Dibromochloromethane	ND	0.0068		mg/Kg-dry	1	2/29/2020
1,1-Dichloroethane	ND	0.0068		mg/Kg-dry	1	2/29/2020
1,2-Dichloroethane	ND	0.0068		mg/Kg-dry	1	2/29/2020
1,1-Dichloroethene	ND	0.0068		mg/Kg-dry	1	2/29/2020
cis-1,2-Dichloroethene	ND	0.0068		mg/Kg-dry	1	2/29/2020
trans-1,2-Dichloroethene	ND	0.0068		mg/Kg-dry	1	2/29/2020
1,2-Dichloropropane	ND	0.0068		mg/Kg-dry	1	2/29/2020
cis-1,3-Dichloropropene	ND	0.0027		mg/Kg-dry	1	2/29/2020
trans-1,3-Dichloropropene	ND	0.0027		mg/Kg-dry	1	2/29/2020
Ethylbenzene	ND	0.0068		mg/Kg-dry	1	2/29/2020
2-Hexanone	ND	0.027		mg/Kg-dry	1	2/29/2020
4-Methyl-2-pentanone	ND	0.027		mg/Kg-dry	1	2/29/2020
Methylene chloride	ND	0.014		mg/Kg-dry	1	2/29/2020
Methyl tert-butyl ether	ND	0.0068		mg/Kg-dry	1	2/29/2020
Styrene	ND	0.0068		mg/Kg-dry	1	2/29/2020
1,1,2,2-Tetrachloroethane	ND	0.0068		mg/Kg-dry	1	2/29/2020
Tetrachloroethene	ND	0.0068		mg/Kg-dry	1	2/29/2020
Toluene	ND	0.0068		mg/Kg-dry	1	2/29/2020
1,1,1-Trichloroethane	ND	0.0068		mg/Kg-dry	1	2/29/2020
1,1,2-Trichloroethane	ND	0.0068		mg/Kg-dry	1	2/29/2020
Trichloroethene	ND	0.0068		mg/Kg-dry	1	2/29/2020
Vinyl chloride	ND	0.0068		mg/Kg-dry	1	2/29/2020
Xylenes, Total	ND	0.020		mg/Kg-dry	1	2/29/2020
<b>Semivolatile Organic Compounds by GC/MS</b>		<b>SW8270D (SW3550B)</b>		Prep Date: <b>2/24/2020</b>		Analyst: <b>DM</b>
Acenaphthene	ND	0.042		mg/Kg-dry	1	2/25/2020
Acenaphthylene	ND	0.042		mg/Kg-dry	1	2/25/2020

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

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

**STAT Analysis Corporation**

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

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

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

Date Reported: March 13, 2020

Date Printed: March 13, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360VZ-DUP-06 (5-10)

Work Order: 20020556 Revision 0

Collection Date: 2/18/2020 9:06:00 AM

Project: 81.0220509.75, WO #37, Elk Grove

Matrix: Soil

Lab ID: 20020556-047

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Semivolatile Organic Compounds by GC/MS</b>		<b>SW8270D (SW3550B)</b>			Prep Date: <b>2/24/2020</b>	Analyst: <b>DM</b>
Aniline	ND	0.42		mg/Kg-dry	1	2/25/2020
Anthracene	ND	0.042		mg/Kg-dry	1	2/25/2020
Benz(a)anthracene	ND	0.042		mg/Kg-dry	1	2/25/2020
Benzidine	ND	0.42		mg/Kg-dry	1	2/25/2020
Benzo(a)pyrene	ND	0.042		mg/Kg-dry	1	2/25/2020
Benzo(b)fluoranthene	ND	0.042		mg/Kg-dry	1	2/25/2020
Benzo(g,h,i)perylene	ND	0.042		mg/Kg-dry	1	2/25/2020
Benzo(k)fluoranthene	ND	0.042		mg/Kg-dry	1	2/25/2020
Benzoic acid	ND	1.1		mg/Kg-dry	1	2/25/2020
Benzyl alcohol	ND	0.22		mg/Kg-dry	1	2/25/2020
Bis(2-chloroethoxy)methane	ND	0.22		mg/Kg-dry	1	2/25/2020
Bis(2-chloroethyl)ether	ND	0.22		mg/Kg-dry	1	2/25/2020
Bis(2-ethylhexyl)phthalate	ND	1.1		mg/Kg-dry	1	2/25/2020
4-Bromophenyl phenyl ether	ND	0.22		mg/Kg-dry	1	2/25/2020
Butyl benzyl phthalate	ND	0.22		mg/Kg-dry	1	2/25/2020
Carbazole	ND	0.22		mg/Kg-dry	1	2/25/2020
4-Chloroaniline	ND	0.22		mg/Kg-dry	1	2/25/2020
4-Chloro-3-methylphenol	ND	0.42		mg/Kg-dry	1	2/25/2020
2-Chloronaphthalene	ND	0.22		mg/Kg-dry	1	2/25/2020
2-Chlorophenol	ND	0.22		mg/Kg-dry	1	2/25/2020
4-Chlorophenyl phenyl ether	ND	0.22		mg/Kg-dry	1	2/25/2020
Chrysene	ND	0.042		mg/Kg-dry	1	2/25/2020
Dibenz(a,h)anthracene	ND	0.042		mg/Kg-dry	1	2/25/2020
Dibenzofuran	ND	0.22		mg/Kg-dry	1	2/25/2020
1,2-Dichlorobenzene	ND	0.22		mg/Kg-dry	1	2/25/2020
1,3-Dichlorobenzene	ND	0.22		mg/Kg-dry	1	2/25/2020
1,4-Dichlorobenzene	ND	0.22		mg/Kg-dry	1	2/25/2020
3,3'-Dichlorobenzidine	ND	0.22		mg/Kg-dry	1	2/25/2020
2,4-Dichlorophenol	ND	0.22		mg/Kg-dry	1	2/25/2020
Diethyl phthalate	ND	0.22		mg/Kg-dry	1	2/25/2020
2,4-Dimethylphenol	ND	0.22		mg/Kg-dry	1	2/25/2020
Dimethyl phthalate	ND	0.22		mg/Kg-dry	1	2/25/2020
4,6-Dinitro-2-methylphenol	ND	0.42		mg/Kg-dry	1	2/25/2020
2,4-Dinitrophenol	ND	1.1		mg/Kg-dry	1	2/25/2020
2,4-Dinitrotoluene	ND	0.042		mg/Kg-dry	1	2/25/2020
2,6-Dinitrotoluene	ND	0.042		mg/Kg-dry	1	2/25/2020
Di-n-butyl phthalate	ND	0.22		mg/Kg-dry	1	2/25/2020
Di-n-octyl phthalate	ND	0.22		mg/Kg-dry	1	2/25/2020

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

**Qualifiers:** J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded

**STAT Analysis Corporation**

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

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

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

Date Reported: March 13, 2020

Date Printed: March 13, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360VZ-DUP-06 (5-10)

Work Order: 20020556 Revision 0

Collection Date: 2/18/2020 9:06:00 AM

Project: 81.0220509.75, WO #37, Elk Grove

Matrix: Soil

Lab ID: 20020556-047

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
----------	--------	----	-----------	-------	----	---------------

Semivolatile Organic Compounds by GC/MS	SW8270D (SW3550B)				Prep Date: 2/24/2020	Analyst: DM
---	-------------------	--	--	--	----------------------	-------------

Fluoranthene	ND	0.042		mg/Kg-dry	1	2/25/2020
Fluorene	ND	0.042		mg/Kg-dry	1	2/25/2020
Hexachlorobenzene	ND	0.22		mg/Kg-dry	1	2/25/2020
Hexachlorobutadiene	ND	0.22		mg/Kg-dry	1	2/25/2020
Hexachlorocyclopentadiene	ND	0.22		mg/Kg-dry	1	2/25/2020
Hexachloroethane	ND	0.22		mg/Kg-dry	1	2/25/2020
Indeno(1,2,3-cd)pyrene	ND	0.042		mg/Kg-dry	1	2/25/2020
Isophorone	ND	0.22		mg/Kg-dry	1	2/25/2020
2-Methylnaphthalene	ND	0.22		mg/Kg-dry	1	2/25/2020
2-Methylphenol	ND	0.22		mg/Kg-dry	1	2/25/2020
4-Methylphenol	ND	0.22		mg/Kg-dry	1	2/25/2020
Naphthalene	ND	0.042		mg/Kg-dry	1	2/25/2020
2-Nitroaniline	ND	0.22		mg/Kg-dry	1	2/25/2020
3-Nitroaniline	ND	0.22		mg/Kg-dry	1	2/25/2020
4-Nitroaniline	ND	0.22		mg/Kg-dry	1	2/25/2020
2-Nitrophenol	ND	0.22		mg/Kg-dry	1	2/25/2020
4-Nitrophenol	ND	0.42		mg/Kg-dry	1	2/25/2020
Nitrobenzene	ND	0.042		mg/Kg-dry	1	2/25/2020
N-Nitrosodi-n-propylamine	ND	0.042		mg/Kg-dry	1	2/25/2020
N-Nitrosodimethylamine	ND	0.22		mg/Kg-dry	1	2/25/2020
N-Nitrosodiphenylamine	ND	0.042		mg/Kg-dry	1	2/25/2020
2, 2'-oxybis(1-Chloropropane)	ND	0.22		mg/Kg-dry	1	2/25/2020
Pentachlorophenol	ND	0.042		mg/Kg-dry	1	2/25/2020
Phenanthrene	ND	0.042		mg/Kg-dry	1	2/25/2020
Phenol	ND	0.22		mg/Kg-dry	1	2/25/2020
Pyrene	ND	0.042		mg/Kg-dry	1	2/25/2020
Pyridine	ND	0.85		mg/Kg-dry	1	2/25/2020
1,2,4-Trichlorobenzene	ND	0.22		mg/Kg-dry	1	2/25/2020
2,4,5-Trichlorophenol	ND	0.22		mg/Kg-dry	1	2/25/2020
2,4,6-Trichlorophenol	ND	0.22		mg/Kg-dry	1	2/25/2020

Metals by ICP/MS	SW6020A (SW3050B)				Prep Date: 2/27/2020	Analyst: MDT
------------------	-------------------	--	--	--	----------------------	--------------

Antimony	ND	2.5		mg/Kg-dry	10	2/27/2020
Arsenic	8.4	1.3		mg/Kg-dry	10	2/27/2020
Barium	260	1.3		mg/Kg-dry	10	2/27/2020
Beryllium	1.8	0.64		mg/Kg-dry	10	2/27/2020
Cadmium	ND	0.64		mg/Kg-dry	10	2/27/2020
Calcium	7500	76		mg/Kg-dry	10	2/27/2020
Chromium	38	1.3		mg/Kg-dry	10	2/27/2020

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

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

**STAT Analysis Corporation**

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

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

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

Date Reported: March 13, 2020

Date Printed: March 13, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360VZ-DUP-06 (5-10)

Work Order: 20020556 Revision 0

Collection Date: 2/18/2020 9:06:00 AM

Project: 81.0220509.75, WO #37, Elk Grove

Matrix: Soil

Lab ID: 20020556-047

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Metals by ICP/MS</b>	<b>SW6020A (SW3050B)</b>		Prep Date: <b>2/27/2020</b>		Analyst: <b>MDT</b>	
Cobalt	12	1.3		mg/Kg-dry	10	2/27/2020
Copper	88	3.2		mg/Kg-dry	10	2/27/2020
Iron	38000	38		mg/Kg-dry	10	2/27/2020
Lead	34	0.64		mg/Kg-dry	10	2/27/2020
Magnesium	9000	38		mg/Kg-dry	10	2/27/2020
Manganese	340	1.3		mg/Kg-dry	10	2/27/2020
Nickel	43	1.3		mg/Kg-dry	10	2/27/2020
Potassium	1600	38		mg/Kg-dry	10	2/27/2020
Selenium	ND	1.3		mg/Kg-dry	10	2/27/2020
Silver	ND	1.3		mg/Kg-dry	10	2/27/2020
Sodium	820	76		mg/Kg-dry	10	2/27/2020
Thallium	ND	1.3		mg/Kg-dry	10	2/27/2020
Vanadium	48	1.3		mg/Kg-dry	10	2/27/2020
Zinc	110	6.4		mg/Kg-dry	10	2/27/2020
<b>SPLP Metals by ICP/MS</b>	<b>SW1312/6020A (SW3005A)</b>		Prep Date: <b>2/28/2020</b>		Analyst: <b>JG</b>	
Arsenic	ND	0.0040		mg/L	2	2/29/2020
Barium	0.069	0.020		mg/L	2	2/29/2020
Beryllium	ND	0.0020		mg/L	2	2/29/2020
Cadmium	ND	0.0020		mg/L	2	2/29/2020
Chromium	0.015	0.0040		mg/L	2	2/29/2020
Cobalt	ND	0.0040		mg/L	2	2/29/2020
Copper	ND	0.040		mg/L	2	2/29/2020
Iron	7.2	0.10		mg/L	2	2/29/2020
Lead	0.0058	0.0020		mg/L	2	2/29/2020
Manganese	0.029	0.0040		mg/L	2	2/29/2020
Nickel	0.0088	0.0040		mg/L	2	2/29/2020
Selenium	ND	0.0040		mg/L	2	2/29/2020
Silver	ND	0.0040		mg/L	2	2/29/2020
Zinc	0.036	0.020		mg/L	2	2/29/2020
<b>TCLP Metals by ICP/MS</b>	<b>SW1311/6020A (SW3005A)</b>		Prep Date: <b>2/26/2020</b>		Analyst: <b>MDT</b>	
Arsenic	ND	0.010		mg/L	5	2/27/2020
Barium	0.26	0.050		mg/L	5	2/27/2020
Beryllium	ND	0.0050		mg/L	5	2/27/2020
Cadmium	ND	0.0050		mg/L	5	2/27/2020
Chromium	ND	0.010		mg/L	5	2/27/2020
Cobalt	ND	0.010		mg/L	5	2/27/2020
Copper	ND	0.10		mg/L	5	2/27/2020

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers: J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded

**STAT Analysis Corporation**

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

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

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

Date Reported: March 13, 2020

Date Printed: March 13, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Work Order: 20020556 Revision 0

Project: 81.0220509.75, WO #37, Elk Grove

Lab ID: 20020556-047

Client Sample ID: 2360VZ-DUP-06 (5-10)

Collection Date: 2/18/2020 9:06:00 AM

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>TCLP Metals by ICP/MS</b>	<b>SW1311/6020A (SW3005A)</b>		Prep Date: <b>2/26/2020</b>		Analyst: <b>MDT</b>	
Iron	0.34	0.25		mg/L	5	2/27/2020
Lead	ND	0.0050		mg/L	5	2/27/2020
Manganese	0.038	0.010		mg/L	5	2/27/2020
Nickel	ND	0.010		mg/L	5	2/27/2020
Selenium	ND	0.010		mg/L	5	2/27/2020
Silver	ND	0.010		mg/L	5	2/27/2020
Zinc	ND	0.050		mg/L	5	2/27/2020
<b>TCLP Mercury</b>	<b>SW1311/7470A</b>		Prep Date: <b>3/9/2020</b>		Analyst: <b>MDT</b>	
Mercury	ND	0.00020		mg/L	1	3/10/2020
<b>SPLP Mercury</b>	<b>SW1312/7470A</b>		Prep Date: <b>3/10/2020</b>		Analyst: <b>LB</b>	
Mercury	ND	0.00020		mg/L	1	3/11/2020
<b>Mercury</b>	<b>SW7471B</b>		Prep Date: <b>3/11/2020</b>		Analyst: <b>LB</b>	
Mercury	0.067	0.025		mg/Kg-dry	1	3/12/2020
<b>pH (25 °C)</b>	<b>SW9045C</b>		Prep Date: <b>2/26/2020</b>		Analyst: <b>FN</b>	
pH	8.33			pH Units	1	2/26/2020
<b>Percent Moisture</b>	<b>D2974</b>		Prep Date: <b>2/21/2020</b>		Analyst: <b>FN</b>	
Percent Moisture	21.3	0.2	*	wt%	1	2/24/2020

**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

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

## Uncontaminated Soil Certification by Licensed Professional Engineer or Licensed Professional Geologist for Use of Uncontaminated Soil as Fill in a CCDD or Uncontaminated Soil Fill Operation LPC-663 Revised in accordance with 35 Ill. Adm. Code 1100, as amended by PCB R2012-009 (eff. Aug. 27, 2012)

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

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

### I. Source Location Information

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

Project Name: FAP 341 Oakton St to IL 83 and at IL 83/Busse Rd Office Phone Number, if available: 847-705-4122

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

2360V2-7 (1445 Oakton St), DUP-3 (1445 Oakton St), 2360V2-15 (1700-1706 Oakton St), 2360V2-13 (100 Busse Rd), & 2360V2-14 (1600 Oakton St).

City: Elk Grove Village State: IL Zip Code: 60007

County: Cook Township: Elk Grove

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

Latitude: 42.02244 Longitude: - 87.96083

(Decimal Degrees) (-Decimal Degrees)

Identify how the lat/long data were determined:

GPS  Map Interpolation  Photo Interpolation  Survey  Other

Google Earth - Approximate center of multiple addresses

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

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

Estimated Volume of debris (cu. Yd.): 170 CY

### 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: 847-705-4122

Contact: Irma Romiti-Johnson

Email, if available: Irma.Romiti-Johnson@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: 847-705-4122

Contact: Irma Romiti-Johnson

Email, if available: Irma.Romiti-Johnson@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.



Uncontaminated Soil Certification

**III. Basis for Certification and Attachments**

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

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

Refer to Fig 4-1 in the Final PSI and borings 2360V2-7-03 (Oakton Street 62+00 65 Right), 2360V2-15-02 (Busse Road 36+50 70 Left), 2360V2-13-03 (Busse Road 40+50 55 Left), DUP-3 (Oakton Street 62+00 65 Right), and 2360V2-14-01 (Busse Road 39+50 65 Left).

- 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 Analysis Corporation report #20020373 and #20020495. Site specific table of results is attached to this form.

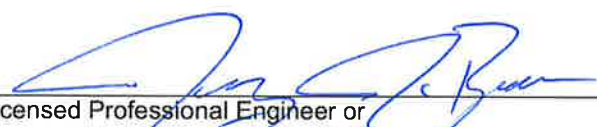
**IV. Certification Statement, Signature and Seal of Licensed Professional Engineer or Licensed Professional Geologist**

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.

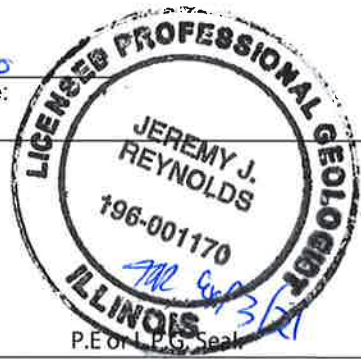
**Any person who knowingly makes a false, fictitious, or fraudulent material statement, orally or in writing, to the Illinois EPA commits a Class 4 felony. A second or subsequent offense after conviction is a Class 3 felony. (415 ILCS 5/44(h))**

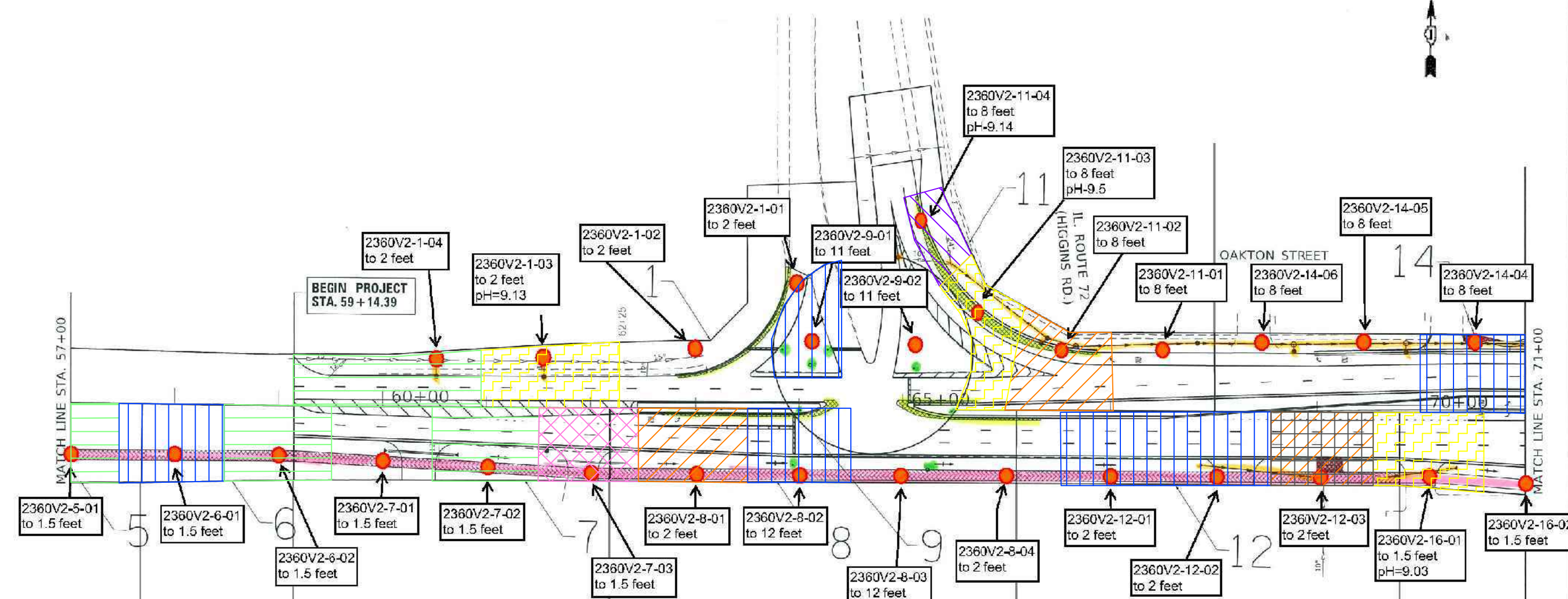
Company Name: Huff & Huff, Inc. / GZA GeoEnvironmental, Inc.  
Street Address: 915 Harger Road, Suite 330  
City: Oak Brook State: IL Zip Code: 60523  
Phone: 630-684-9100

Jeremy J. Reynolds, P.G.  
Printed Name:

  
Licensed Professional Engineer or  
Licensed Professional Geologist Signature:

4/7/2020  
Date:

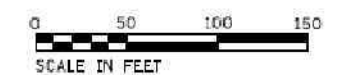




**LEGEND**

- SOIL BORING LOCATION
- IDENTIFIED SITE
- 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 CCDDUSFO 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 CCDDUSFO 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 CCDDUSFO 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 CCDDUSFO (B(1)).
- APPROXIMATE CONSTRUCTION AREA ESTIMATED TO EXCEED TACO TIER 1 CONSTRUCTION WORKERS REFERENCE CONCENTRATIONS.
- AREAS WITHOUT SHADING ARE CONSIDERED UNRESTRICTED FOR REUSE AND OFF-SITE DISPOSAL.

- Drainage Pipes and Structures
- Traffic Signals
- Widening
- Shared Bike Path
- Sidewalk



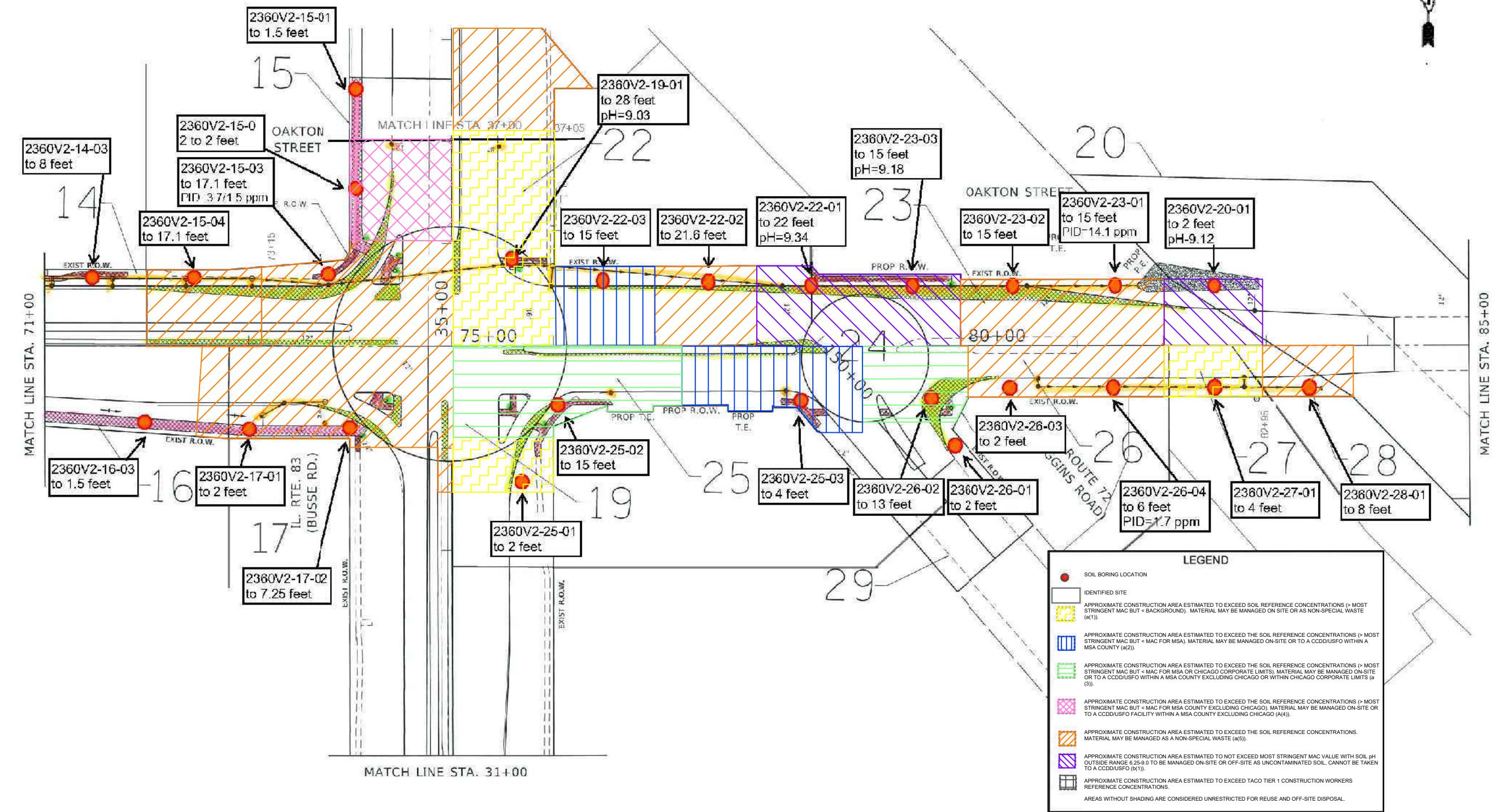
**FIGURE 4-1.1 Extent of Potentially Impacted Soil  
Huff & Huff, Inc. WO #37A**

IL. ROUTE 72 (OAKTON AVE.) AT IL. ROUTE 83 (BUSSE RD.)  
ESTIMATED EARTH EXCAVATION LOCATIONS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
341	2011-019-T5	COOK	4	1
CONTRACT NO. 60P14				
IL 09-05 FED. AID PROJECT				

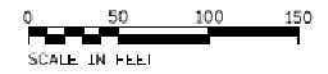
USER NAME	DESIGNED	REVISED
DRAWN	CHECKED	REVISED
DATE	DATE	REVISED

MODEL: D:\PROJECTS\2011\019-T5\019-T5.dwg  
 FILE: 2011-019-T5.dwg  
 PLOT DATE: 9/27/2011  
 PLOT SCALE: 1/8" = 1'-0"  
 PLOT DATE: 9/27/2011



**LEGEND**

- SOIL BORING LOCATION
- IDENTIFIED SITE
- 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 (#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 (#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 (#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 (#4).
- APPROXIMATE CONSTRUCTION AREA ESTIMATED TO EXCEED THE SOIL REFERENCE CONCENTRATIONS. MATERIAL MAY BE MANAGED AS A NON-SPECIAL WASTE (#5).
- APPROXIMATE CONSTRUCTION AREA ESTIMATED TO NOT EXCEED MOST STRINGENT MAC VALUE WITH SOIL pH OUTSIDE RANGE 6.25-8.0 TO BE MANAGED ON-SITE OR OFF-SITE AS UNCONTAMINATED SOIL. CANNOT BE TAKEN TO A CDD/USFO (#6).
- APPROXIMATE CONSTRUCTION AREA ESTIMATED TO EXCEED TACO TIER 1 CONSTRUCTION WORKERS REFERENCE CONCENTRATIONS.
- AREAS WITHOUT SHADING ARE CONSIDERED UNRESTRICTED FOR REUSE AND OFF-SITE DISPOSAL.



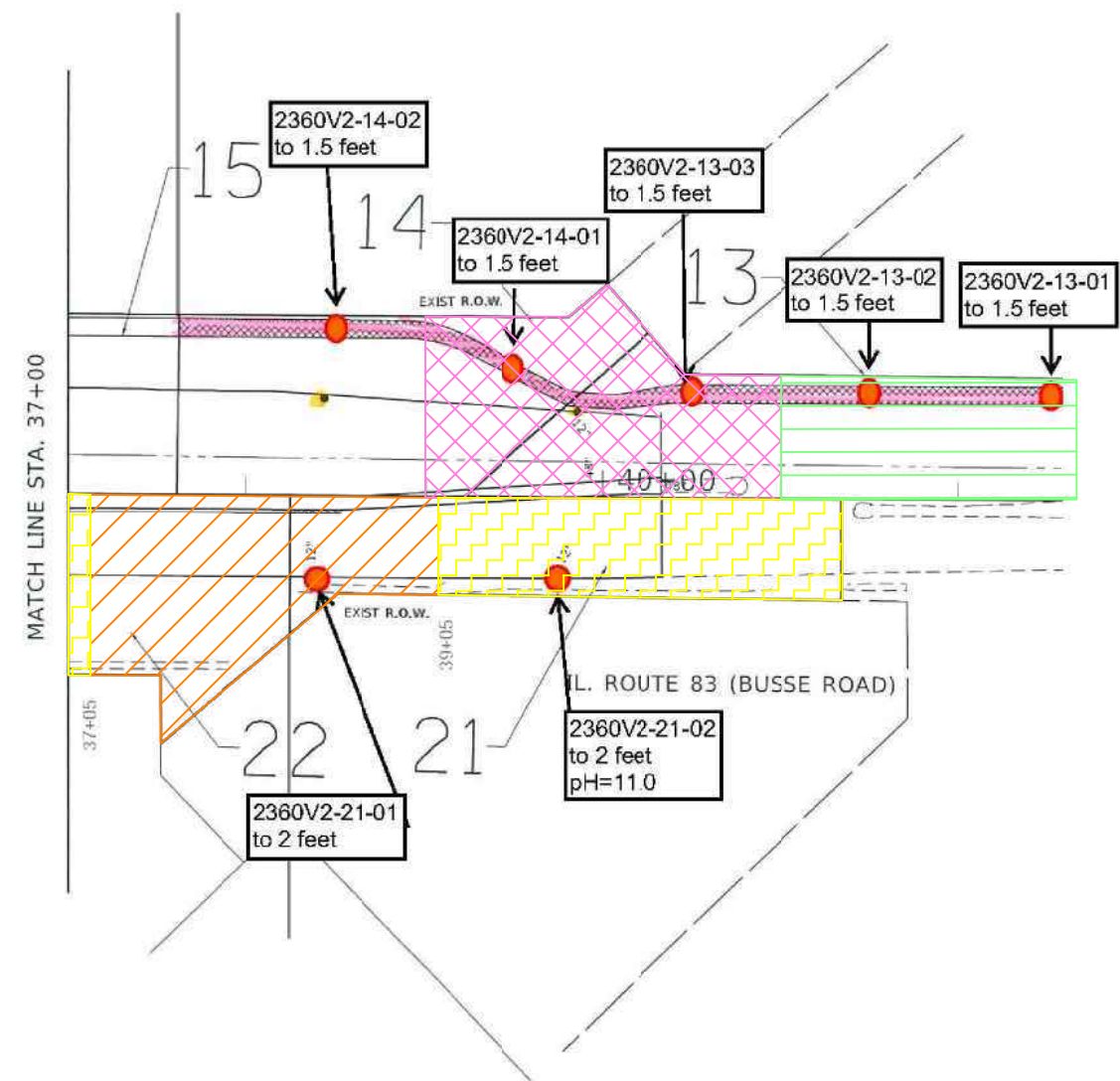
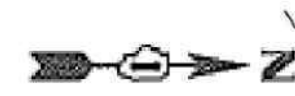
USER: rufhuff  
 FILE NAME: s:\2360\2360V2\2360V2.dwg  
 PLOT DATE: 9/27/2013

USER: rufhuff	DESIGNED: -	REVISED: -
DRAWN: -	REVISED: -	
CHECKED: -	REVISED: -	
DATE: -	REVISED: -	

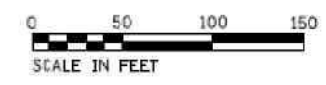
**FIGURE 4-1.2 Extent of Potentially Impacted Soil  
Huff & Huff, Inc. WO #37A**

IL. ROUTE 72 (OAKTON AVE.) AT IL. ROUTE 83 (BUSSE RD.)  
 ESTIMATED EARTH EXCAVATION LOCATIONS  
 SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. R. L.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
341	2311-019-T5	COOK	4	2
CONTRACT NO. 60P14				



LEGEND	
	SOIL BORING LOCATION
	IDENTIFIED SITE
	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 CCDD/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 CCDD/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 CCDD/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 CCDD/USFO (b(1)).
	APPROXIMATE CONSTRUCTION AREA ESTIMATED TO EXCEED TACO TIER 1 CONSTRUCTION WORKERS REFERENCE CONCENTRATIONS.
AREAS WITHOUT SHADING ARE CONSIDERED UNRESTRICTED FOR REUSE AND OFF-SITE DISPOSAL.	



PROJECT: 60610101; FILE: 2011-019-TS; USER: jhuff; DATE: 5/27/2019; SCALE: 1"=100'; SHEET: 4 OF 4; CONTRACT: 60CP14

USER NAME	= jhuff	DESIGNED	-	REVISED	-
DRAWN	-	CHECKED	-	REVISED	-
DATE	= 5/27/2019				

**FIGURE 4-1.3 Extent of Potentially Impacted Soil  
Huff & Huff, Inc. WO #37A**

IL. ROUTE 72 (OAKTON AVE.) AT IL ROUTE 83 (BUSSE RD.)	
ESTIMATED EARTH EXCAVATION LOCATIONS	
SCALE:	SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
341	2011-019-TS	COOK	4	4
CONTRACT NO. 60CP14				

LPC-663 Results  
Soils for Reuse or Disposal at CCDD Facilities excluding Chicago  
IDOT, District One  
IL Rt 72 (Higgins Rd), at IL 83 and Oakton Street, Elk Grove, Cook County, Illinois  
BDE Sequence No.: 16363A  
PTB: 178-008 / H-1, Work Order No.: 037A

Boring ID Sample Depth, ft Sample Date Excavation Area(s) [ISGS Site No.(s)]	Soil Reference Concentrations <sup>a/</sup>	Soil Remediation Objective for Construction Workers <sup>b/</sup>	Soil Remediation Objective for Residential Exposure <sup>c/</sup>	2360V2-7-03	DUP-3 (2360V2-7-03)	2360V2-13-03	2360V2-14-01	2360V2-15-02
				(0-1.5) 2/17/2020	(0-1.5) 2/17/2020	(0-1.5) 2/12/2020	(0-1.5) 2/12/2020	(0-2) 2/12/2020
Parameter				2360V2-7	2360V2-13	2360V2-14	2360V2-15	
Laboratory soil pH (s.u.)	6.25 - 9.0	---	---	8.35	8.38	8.79	8	8.76
<b>VOCs, mg/kg</b>								
<b>SVOCs, mg/kg</b>								
Acenaphthene	570	120,000	4,700	<b>0.05</b>	< 0.038	< 0.038	< 0.043	<b>0.065</b>
Acenaphthylene	---	---	---	<b>0.16</b>	< 0.038	< 0.038	< 0.043	< 0.037
Anthracene	12,000	610,000	23,000	<b>0.24</b>	<b>0.075</b>	<b>0.062</b>	<b>0.18</b>	<b>0.14</b>
Benzo(a)anthracene	0.9 / 1.1 / 1.8	170	0.9	<b>1.1</b>	<b>0.43</b>	<b>0.5</b>	<b>1</b>	<b>0.77</b>
Benzo(a)pyrene	0.09 / 1.3 / 2.1	17	0.09	<b>1.1</b>	<b>0.42</b>	<b>0.66</b>	<b>1.1</b>	<b>0.91</b>
Benzo(b)fluoranthene	0.9 / 1.5 / 2.1	170	0.9	<b>1</b>	<b>0.38</b>	<b>0.82</b>	<b>1.5</b>	<b>1.1</b>
Benzo(k)fluoranthene	9	1700	9	<b>0.98</b>	<b>0.31</b>	<b>0.53</b>	<b>0.78</b>	<b>0.62</b>
Benzo(g,h,i)perylene	---	---	---	<b>0.67</b>	<b>0.35</b>	<b>0.7</b>	<b>0.85</b>	<b>0.69</b>
Chrysene	88	17,000	88	<b>1.1</b>	<b>0.43</b>	<b>0.61</b>	<b>1.2</b>	<b>0.84</b>
Dibenz(a,h)anthracene	0.09 / 0.2 / 0.42	17	0.09	<b>0.4</b>	<b>0.17</b>	<b>0.27</b>	<b>0.41</b>	<b>0.32</b>
Fluoranthene	3,100	82,000	3,100	<b>1.9</b>	<b>0.81</b>	<b>1.1</b>	<b>2.2</b>	<b>1.9</b>
Fluorene	560	82,000	3100	<b>0.077</b>	< 0.038	< 0.038	< 0.043	<b>0.063</b>
Indeno(1,2,3-cd)pyrene	0.9 / 0.9 / 1.6	170	0.9	<b>0.66</b>	<b>0.26</b>	<b>0.57</b>	<b>0.77</b>	<b>0.62</b>
Phenanthrene	---	---	---	<b>0.79</b>	<b>0.22</b>	<b>0.34</b>	<b>0.79</b>	<b>0.99</b>
Pyrene	2,300	61,000	2,300	<b>1.5</b>	<b>0.69</b>	<b>0.95</b>	<b>1.7</b>	<b>1.5</b>
<b>Total Metals, mg/kg</b>								
Arsenic	11.3 / 13	61	13	<b>8.7</b>	<b>8.3</b>	<b>5.7</b>	<b>7.8</b>	<b>8.9</b>
Barium	1,500	14,000	5,500	<b>68</b>	<b>83</b>	<b>86</b>	<b>100</b>	<b>90</b>
Beryllium	22	410	160	<b>0.6</b>	<b>0.8</b>	< 0.49	< 0.58	< 0.50
Calcium	---	---	---	<b>31000</b>	<b>61000</b>	<b>62000</b>	<b>30000</b>	<b>57000</b>
Chromium	21	690	230	<b>14</b>	<b>22</b>	<b>23</b>	<b>20</b>	<b>17</b>
Cobalt	20	12,000	4,700	<b>9.9</b>	<b>11</b>	<b>10</b>	<b>9.9</b>	<b>9.7</b>
Copper	2,900	8,200	2,900	<b>24</b>	<b>110</b>	<b>35</b>	<b>30</b>	<b>25</b>
Iron	15,000 / 15,900	---	---	<b>19000</b>	<b>24000</b>	<b>18000</b>	<b>20000</b>	<b>22000</b>
Lead	107	700	400	<b>39</b>	<b>29</b>	<b>61</b>	<b>130</b>	<b>43</b>
Magnesium	325,000	730,000	325,000	<b>18000</b>	<b>29000</b>	<b>30000</b>	<b>17000</b>	<b>32000</b>
Manganese	630 / 636	4,100	1,600	<b>690</b>	<b>620</b>	<b>470</b>	<b>520</b>	<b>640</b>
Mercury	0.89	0.1	10	<b>0.03</b>	<b>0.025</b>	<b>0.032</b>	<b>0.028</b>	<b>0.05</b>
Nickel	100	4,100	1,600	<b>22</b>	<b>27</b>	<b>21</b>	<b>22</b>	<b>23</b>
Potassium	---	---	---	<b>1100</b>	<b>2000</b>	<b>1100</b>	<b>1700</b>	<b>1200</b>
Silver	4.4	1,000	390	< 1.0	< 1.0	<b>5.4</b>	< 1.2	< 1.0
Sodium	---	---	---	<b>1400</b>	<b>1400</b>	<b>930</b>	<b>74</b>	<b>120</b>
Vanadium	550	1,400	550	<b>22</b>	<b>28</b>	<b>23</b>	<b>25</b>	<b>24</b>
Zinc	5,100	61,000	23,000	<b>61</b>	<b>52</b>	<b>110</b>	<b>100</b>	<b>88</b>
<b>TCLP Metals, mg/L</b>		Class I Groundwater <sup>d/</sup>						
Arsenic	0.05			< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Barium	2			<b>0.45</b>	<b>0.5</b>	<b>0.44</b>	<b>0.41</b>	<b>0.38</b>
Beryllium	0.004			< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050
Chromium	0.1			< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Cobalt	1			< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Copper	0.65			< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Iron	5			< 0.25	< 0.25	< 0.25	< 0.25	< 0.25
Lead	0.0075			< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050
Manganese	0.15			<b>0.64</b>	<b>0.85</b>	<b>0.16</b>	<b>0.02</b>	< 0.10
Mercury	0.002			< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020
Nickel	0.1			< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Silver	0.05			< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Zinc	5			< 0.050	< 0.050	< 0.050	< 0.050	< 0.050
<b>SPLP Metals, mg/L</b>		Class I Groundwater <sup>d/</sup>						
Arsenic	0.05			< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040
Barium	2			<b>0.022</b>	< 0.020	< 0.020	< 0.020	< 0.020
Beryllium	0.004			< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020
Chromium	0.1			<b>0.0054</b>	<b>0.006</b>	< 0.0080	< 0.0080	< 0.0040
Cobalt	1			< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040
Copper	0.65			< 0.040	< 0.040	< 0.020	< 0.020	< 0.040
Iron	5			<b>3.6</b>	<b>5.3</b>	<b>3</b>	<b>0.91</b>	<b>1.2</b>
Lead	0.0075			<b>0.0072</b>	<b>0.0055</b>	<b>0.0081</b>	< 0.0020	< 0.0020
Manganese	0.15			<b>0.025</b>	<b>0.025</b>	<b>0.034</b>	<b>0.0054</b>	<b>0.0066</b>
Mercury	0.002			< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020
Nickel	0.1			< 0.0040	<b>0.0057</b>	< 0.0080	< 0.0080	< 0.0040
Silver	0.05			< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040
Zinc	5			< 0.020	<b>0.026</b>	< 0.080	< 0.080	< 0.020

--- Refers to not applicable or value not available

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

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.

<sup>b/</sup> Soil Remediation Objective for Construction Workers, most stringent of the Ingestion or Inhalation exposure route.

<sup>c/</sup> Soil Remediation Objective for Residential exposure, most stringent of the Ingestion or Inhalation exposure route.

<sup>d/</sup> Soil Remediation Objective for the Groundwater Component of the Groundwater Ingestion Route, Class I Groundwater.

**Bold** indicates concentration detected

**Shaded** values indicate concentration exceeds reference concentration

**STAT Analysis Corporation**

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

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

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

Date Reported: March 10, 2020

Date Printed: March 10, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-13-03 (0-1.5)

Work Order: 20020373 Revision 0

Collection Date: 2/12/2020 11:02:00 AM

Project: 81.0220509.75, IDOT WO37 Elk Grove, Elk Grove

Matrix: Soil

Lab ID: 20020373-011

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Volatile Organic Compounds by GC/MS</b>		<b>SW5035/8260B</b>		Prep Date: 2/14/2020		Analyst: JDT
Acetone	ND	0.079		mg/Kg-dry	1	2/20/2020
Benzene	ND	0.0053		mg/Kg-dry	1	2/20/2020
Bromodichloromethane	ND	0.0053		mg/Kg-dry	1	2/20/2020
Bromoform	ND	0.0053		mg/Kg-dry	1	2/20/2020
Bromomethane	ND	0.011		mg/Kg-dry	1	2/20/2020
2-Butanone	ND	0.079		mg/Kg-dry	1	2/20/2020
Carbon disulfide	ND	0.053		mg/Kg-dry	1	2/20/2020
Carbon tetrachloride	ND	0.0053		mg/Kg-dry	1	2/20/2020
Chlorobenzene	ND	0.0053		mg/Kg-dry	1	2/20/2020
Chloroethane	ND	0.011		mg/Kg-dry	1	2/20/2020
Chloroform	ND	0.0053		mg/Kg-dry	1	2/20/2020
Chloromethane	ND	0.011		mg/Kg-dry	1	2/20/2020
Dibromochloromethane	ND	0.0053		mg/Kg-dry	1	2/20/2020
1,1-Dichloroethane	ND	0.0053		mg/Kg-dry	1	2/20/2020
1,2-Dichloroethane	ND	0.0053		mg/Kg-dry	1	2/20/2020
1,1-Dichloroethene	ND	0.0053		mg/Kg-dry	1	2/20/2020
cis-1,2-Dichloroethene	ND	0.0053		mg/Kg-dry	1	2/20/2020
trans-1,2-Dichloroethene	ND	0.0053		mg/Kg-dry	1	2/20/2020
1,2-Dichloropropane	ND	0.0053		mg/Kg-dry	1	2/20/2020
cis-1,3-Dichloropropene	ND	0.0021		mg/Kg-dry	1	2/20/2020
trans-1,3-Dichloropropene	ND	0.0021		mg/Kg-dry	1	2/20/2020
Ethylbenzene	ND	0.0053		mg/Kg-dry	1	2/20/2020
2-Hexanone	ND	0.021		mg/Kg-dry	1	2/20/2020
4-Methyl-2-pentanone	ND	0.021		mg/Kg-dry	1	2/20/2020
Methylene chloride	ND	0.011		mg/Kg-dry	1	2/20/2020
Methyl tert-butyl ether	ND	0.0053		mg/Kg-dry	1	2/20/2020
Styrene	ND	0.0053		mg/Kg-dry	1	2/20/2020
1,1,2,2-Tetrachloroethane	ND	0.0053		mg/Kg-dry	1	2/20/2020
Tetrachloroethene	ND	0.0053		mg/Kg-dry	1	2/20/2020
Toluene	ND	0.0053		mg/Kg-dry	1	2/20/2020
1,1,1-Trichloroethane	ND	0.0053		mg/Kg-dry	1	2/20/2020
1,1,2-Trichloroethane	ND	0.0053		mg/Kg-dry	1	2/20/2020
Trichloroethene	ND	0.0053		mg/Kg-dry	1	2/20/2020
Vinyl chloride	ND	0.0053		mg/Kg-dry	1	2/20/2020
Xylenes, Total	ND	0.016		mg/Kg-dry	1	2/20/2020
<b>Semivolatile Organic Compounds by GC/MS</b>		<b>SW8270D (SW3550B)</b>		Prep Date: 2/14/2020		Analyst: DM
Acenaphthene	ND	0.038		mg/Kg-dry	1	2/18/2020
Acenaphthylene	ND	0.038		mg/Kg-dry	1	2/18/2020

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

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

**STAT Analysis Corporation**

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

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

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

Date Reported: March 10, 2020

Date Printed: March 10, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-13-03 (0-1.5)

Work Order: 20020373 Revision 0

Collection Date: 2/12/2020 11:02:00 AM

Project: 81.0220509.75, IDOT WO37 Elk Grove, Elk Grove

Matrix: Soil

Lab ID: 20020373-011

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Semivolatile Organic Compounds by GC/MS</b>	<b>SW8270D (SW3550B)</b>				Prep Date: 2/14/2020	Analyst: DM
Aniline	ND	0.38		mg/Kg-dry	1	2/18/2020
Anthracene	0.062	0.038		mg/Kg-dry	1	2/18/2020
Benz(a)anthracene	0.50	0.038		mg/Kg-dry	1	2/18/2020
Benzidine	ND	0.38		mg/Kg-dry	1	2/18/2020
Benzo(a)pyrene	0.66	0.038		mg/Kg-dry	1	2/18/2020
Benzo(b)fluoranthene	0.82	0.038		mg/Kg-dry	1	2/18/2020
Benzo(g,h,i)perylene	0.70	0.038		mg/Kg-dry	1	2/18/2020
Benzo(k)fluoranthene	0.53	0.038		mg/Kg-dry	1	2/18/2020
Benzoic acid	ND	0.95		mg/Kg-dry	1	2/18/2020
Benzyl alcohol	ND	0.20		mg/Kg-dry	1	2/18/2020
Bis(2-chloroethoxy)methane	ND	0.20		mg/Kg-dry	1	2/18/2020
Bis(2-chloroethyl)ether	ND	0.20		mg/Kg-dry	1	2/18/2020
Bis(2-ethylhexyl)phthalate	ND	0.95		mg/Kg-dry	1	2/18/2020
4-Bromophenyl phenyl ether	ND	0.20		mg/Kg-dry	1	2/18/2020
Butyl benzyl phthalate	ND	0.20		mg/Kg-dry	1	2/18/2020
Carbazole	ND	0.20		mg/Kg-dry	1	2/18/2020
4-Chloroaniline	ND	0.20		mg/Kg-dry	1	2/18/2020
4-Chloro-3-methylphenol	ND	0.38		mg/Kg-dry	1	2/18/2020
2-Chloronaphthalene	ND	0.20		mg/Kg-dry	1	2/18/2020
2-Chlorophenol	ND	0.20		mg/Kg-dry	1	2/18/2020
4-Chlorophenyl phenyl ether	ND	0.20		mg/Kg-dry	1	2/18/2020
Chrysene	0.61	0.038		mg/Kg-dry	1	2/18/2020
Dibenz(a,h)anthracene	0.27	0.038		mg/Kg-dry	1	2/18/2020
Dibenzofuran	ND	0.20		mg/Kg-dry	1	2/18/2020
1,2-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	2/18/2020
1,3-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	2/18/2020
1,4-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	2/18/2020
3,3'-Dichlorobenzidine	ND	0.20		mg/Kg-dry	1	2/18/2020
2,4-Dichlorophenol	ND	0.20		mg/Kg-dry	1	2/18/2020
Diethyl phthalate	ND	0.20		mg/Kg-dry	1	2/18/2020
2,4-Dimethylphenol	ND	0.20		mg/Kg-dry	1	2/18/2020
Dimethyl phthalate	ND	0.20		mg/Kg-dry	1	2/18/2020
4,6-Dinitro-2-methylphenol	ND	0.38		mg/Kg-dry	1	2/18/2020
2,4-Dinitrophenol	ND	0.95		mg/Kg-dry	1	2/18/2020
2,4-Dinitrotoluene	ND	0.038		mg/Kg-dry	1	2/18/2020
2,6-Dinitrotoluene	ND	0.038		mg/Kg-dry	1	2/18/2020
Di-n-butyl phthalate	ND	0.20		mg/Kg-dry	1	2/18/2020
Di-n-octyl phthalate	ND	0.20		mg/Kg-dry	1	2/18/2020

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers: J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded

**STAT Analysis Corporation**

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

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

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

Date Reported: March 10, 2020

Date Printed: March 10, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-13-03 (0-1.5)

Work Order: 20020373 Revision 0

Collection Date: 2/12/2020 11:02:00 AM

Project: 81.0220509.75, IDOT WO37 Elk Grove, Elk Grove

Matrix: Soil

Lab ID: 20020373-011

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
----------	--------	----	-----------	-------	----	---------------

Semivolatile Organic Compounds by GC/MS	SW8270D (SW3550B)	Prep Date: 2/14/2020	Analyst: DM
---	-------------------	----------------------	-------------

Fluoranthene	1.1	0.038	mg/Kg-dry	1	2/18/2020
Fluorene	ND	0.038	mg/Kg-dry	1	2/18/2020
Hexachlorobenzene	ND	0.20	mg/Kg-dry	1	2/18/2020
Hexachlorobutadiene	ND	0.20	mg/Kg-dry	1	2/18/2020
Hexachlorocyclopentadiene	ND	0.20	mg/Kg-dry	1	2/18/2020
Hexachloroethane	ND	0.20	mg/Kg-dry	1	2/18/2020
Indeno(1,2,3-cd)pyrene	0.57	0.038	mg/Kg-dry	1	2/18/2020
Isophorone	ND	0.20	mg/Kg-dry	1	2/18/2020
2-Methylnaphthalene	ND	0.20	mg/Kg-dry	1	2/18/2020
2-Methylphenol	ND	0.20	mg/Kg-dry	1	2/18/2020
4-Methylphenol	ND	0.20	mg/Kg-dry	1	2/18/2020
Naphthalene	ND	0.038	mg/Kg-dry	1	2/18/2020
2-Nitroaniline	ND	0.20	mg/Kg-dry	1	2/18/2020
3-Nitroaniline	ND	0.20	mg/Kg-dry	1	2/18/2020
4-Nitroaniline	ND	0.20	mg/Kg-dry	1	2/18/2020
2-Nitrophenol	ND	0.20	mg/Kg-dry	1	2/18/2020
4-Nitrophenol	ND	0.38	mg/Kg-dry	1	2/18/2020
Nitrobenzene	ND	0.038	mg/Kg-dry	1	2/18/2020
N-Nitrosodi-n-propylamine	ND	0.038	mg/Kg-dry	1	2/18/2020
N-Nitrosodimethylamine	ND	0.20	mg/Kg-dry	1	2/18/2020
N-Nitrosodiphenylamine	ND	0.038	mg/Kg-dry	1	2/18/2020
2, 2'-oxybis(1-Chloropropane)	ND	0.20	mg/Kg-dry	1	2/18/2020
Pentachlorophenol	ND	0.038	mg/Kg-dry	1	2/18/2020
Phenanthrene	0.34	0.038	mg/Kg-dry	1	2/18/2020
Phenol	ND	0.20	mg/Kg-dry	1	2/18/2020
Pyrene	0.95	0.038	mg/Kg-dry	1	2/18/2020
Pyridine	ND	0.77	mg/Kg-dry	1	2/18/2020
1,2,4-Trichlorobenzene	ND	0.20	mg/Kg-dry	1	2/18/2020
2,4,5-Trichlorophenol	ND	0.20	mg/Kg-dry	1	2/18/2020
2,4,6-Trichlorophenol	ND	0.20	mg/Kg-dry	1	2/18/2020

Metals by ICP/MS	SW6020A (SW3050B)	Prep Date: 2/19/2020	Analyst: MDT
------------------	-------------------	----------------------	--------------

Antimony	ND	2.0	mg/Kg-dry	10	2/20/2020
Arsenic	5.7	0.98	mg/Kg-dry	10	2/20/2020
Barium	86	0.98	mg/Kg-dry	10	2/20/2020
Beryllium	ND	0.49	mg/Kg-dry	10	2/20/2020
Cadmium	ND	0.49	mg/Kg-dry	10	2/20/2020
Calcium	62000	59	mg/Kg-dry	10	2/20/2020
Chromium	23	0.98	mg/Kg-dry	10	2/20/2020

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

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



**STAT Analysis Corporation**

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

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

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

Date Reported: March 10, 2020

Date Printed: March 10, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-13-03 (0-1.5)

Work Order: 20020373 Revision 0

Collection Date: 2/12/2020 11:02:00 AM

Project: 81.0220509.75, IDOT WO37 Elk Grove, Elk Grove

Matrix: Soil

Lab ID: 20020373-011

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Metals by ICP/MS</b>	<b>SW6020A (SW3050B)</b>		Prep Date: <b>2/19/2020</b>		Analyst: <b>MDT</b>	
Cobalt	10	0.98		mg/Kg-dry	10	2/20/2020
Copper	35	2.5		mg/Kg-dry	10	2/20/2020
Iron	18000	30		mg/Kg-dry	10	2/20/2020
Lead	61	0.49		mg/Kg-dry	10	2/20/2020
Magnesium	30000	30		mg/Kg-dry	10	2/20/2020
Manganese	470	0.98		mg/Kg-dry	10	2/20/2020
Nickel	21	0.98		mg/Kg-dry	10	2/20/2020
Potassium	1100	30		mg/Kg-dry	10	2/20/2020
Selenium	ND	0.98		mg/Kg-dry	10	2/20/2020
Silver	5.4	0.98		mg/Kg-dry	10	2/20/2020
Sodium	930	59		mg/Kg-dry	10	2/20/2020
Thallium	ND	0.98		mg/Kg-dry	10	2/20/2020
Vanadium	23	0.98		mg/Kg-dry	10	2/20/2020
Zinc	110	4.9		mg/Kg-dry	10	2/20/2020
<b>SPLP Metals by ICP/MS</b>	<b>SW1312/6020A (SW3005A)</b>		Prep Date: <b>2/18/2020</b>		Analyst: <b>MDT</b>	
Arsenic	ND	0.0040		mg/L	2	2/19/2020
Barium	ND	0.020		mg/L	2	2/19/2020
Beryllium	ND	0.0020		mg/L	2	2/19/2020
Cadmium	ND	0.0020		mg/L	2	2/19/2020
Chromium	ND	0.0080		mg/L	2	2/19/2020
Cobalt	ND	0.0040		mg/L	2	2/19/2020
Copper	ND	0.020		mg/L	2	2/19/2020
Iron	3.0	0.20		mg/L	2	2/19/2020
Lead	0.0081	0.0020		mg/L	2	2/19/2020
Manganese	0.034	0.0040		mg/L	2	2/19/2020
Nickel	ND	0.0080		mg/L	2	2/19/2020
Selenium	ND	0.0040		mg/L	2	2/19/2020
Silver	ND	0.0040		mg/L	2	2/19/2020
Zinc	ND	0.080		mg/L	2	2/19/2020
<b>TCLP Metals by ICP/MS</b>	<b>SW1311/6020A (SW3005A)</b>		Prep Date: <b>2/18/2020</b>		Analyst: <b>MDT</b>	
Arsenic	ND	0.010		mg/L	5	2/19/2020
Barium	0.44	0.050		mg/L	5	2/19/2020
Beryllium	ND	0.0050		mg/L	5	2/19/2020
Cadmium	ND	0.0050		mg/L	5	2/19/2020
Chromium	ND	0.010		mg/L	5	2/19/2020
Cobalt	ND	0.010		mg/L	5	2/19/2020
Copper	ND	0.10		mg/L	5	2/19/2020

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers: J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded

**STAT Analysis Corporation**

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

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

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

Date Reported: March 10, 2020

Date Printed: March 10, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-13-03 (0-1.5)

Work Order: 20020373 Revision 0

Collection Date: 2/12/2020 11:02:00 AM

Project: 81.0220509.75, IDOT WO37 Elk Grove, Elk Grove

Matrix: Soil

Lab ID: 20020373-011

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>TCLP Metals by ICP/MS</b>	<b>SW1311/6020A (SW3005A)</b>		Prep Date: <b>2/18/2020</b>		Analyst: <b>MDT</b>	
Iron	ND	0.25		mg/L	5	2/19/2020
Lead	ND	0.0050		mg/L	5	2/19/2020
Manganese	0.016	0.010		mg/L	5	2/19/2020
Nickel	ND	0.010		mg/L	5	2/19/2020
Selenium	ND	0.010		mg/L	5	2/19/2020
Silver	ND	0.010		mg/L	5	2/19/2020
Zinc	ND	0.050		mg/L	5	2/19/2020
<b>TCLP Mercury</b>	<b>SW1311/7470A</b>		Prep Date: <b>2/18/2020</b>		Analyst: <b>LB</b>	
Mercury	ND	0.00020		mg/L	1	2/19/2020
<b>SPLP Mercury</b>	<b>SW1312/7470A</b>		Prep Date: <b>2/24/2020</b>		Analyst: <b>LB</b>	
Mercury	ND	0.00020		mg/L	1	2/27/2020
<b>Mercury</b>	<b>SW7471B</b>		Prep Date: <b>3/6/2020</b>		Analyst: <b>LB</b>	
Mercury	0.032	0.021		mg/Kg-dry	1	3/9/2020
<b>pH (25 °C)</b>	<b>SW9045C</b>		Prep Date: <b>2/19/2020</b>		Analyst: <b>JAR</b>	
pH	8.79			pH Units	1	2/19/2020
<b>Percent Moisture</b>	<b>D2974</b>		Prep Date: <b>2/14/2020</b>		Analyst: <b>FN</b>	
Percent Moisture	12.9	0.2	*	wt%	1	2/17/2020

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

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

**STAT Analysis Corporation**

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

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

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

Date Reported: March 10, 2020

Date Printed: March 10, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-14-01 (0-1.5)

Work Order: 20020373 Revision 0

Collection Date: 2/12/2020 11:07:00 AM

Project: 81.0220509.75, IDOT WO37 Elk Grove, Elk Grove

Matrix: Soil

Lab ID: 20020373-012

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Volatile Organic Compounds by GC/MS</b>		<b>SW5035/8260B</b>		Prep Date: 2/14/2020		Analyst: JDT
Acetone	ND	0.11		mg/Kg-dry	1	2/20/2020
Benzene	ND	0.0074		mg/Kg-dry	1	2/20/2020
Bromodichloromethane	ND	0.0074		mg/Kg-dry	1	2/20/2020
Bromoform	ND	0.0074		mg/Kg-dry	1	2/20/2020
Bromomethane	ND	0.015		mg/Kg-dry	1	2/20/2020
2-Butanone	ND	0.11		mg/Kg-dry	1	2/20/2020
Carbon disulfide	ND	0.074		mg/Kg-dry	1	2/20/2020
Carbon tetrachloride	ND	0.0074		mg/Kg-dry	1	2/20/2020
Chlorobenzene	ND	0.0074		mg/Kg-dry	1	2/20/2020
Chloroethane	ND	0.015		mg/Kg-dry	1	2/20/2020
Chloroform	ND	0.0074		mg/Kg-dry	1	2/20/2020
Chloromethane	ND	0.015		mg/Kg-dry	1	2/20/2020
Dibromochloromethane	ND	0.0074		mg/Kg-dry	1	2/20/2020
1,1-Dichloroethane	ND	0.0074		mg/Kg-dry	1	2/20/2020
1,2-Dichloroethane	ND	0.0074		mg/Kg-dry	1	2/20/2020
1,1-Dichloroethene	ND	0.0074		mg/Kg-dry	1	2/20/2020
cis-1,2-Dichloroethene	ND	0.0074		mg/Kg-dry	1	2/20/2020
trans-1,2-Dichloroethene	ND	0.0074		mg/Kg-dry	1	2/20/2020
1,2-Dichloropropane	ND	0.0074		mg/Kg-dry	1	2/20/2020
cis-1,3-Dichloropropene	ND	0.0030		mg/Kg-dry	1	2/20/2020
trans-1,3-Dichloropropene	ND	0.0030		mg/Kg-dry	1	2/20/2020
Ethylbenzene	ND	0.0074		mg/Kg-dry	1	2/20/2020
2-Hexanone	ND	0.030		mg/Kg-dry	1	2/20/2020
4-Methyl-2-pentanone	ND	0.030		mg/Kg-dry	1	2/20/2020
Methylene chloride	ND	0.015		mg/Kg-dry	1	2/20/2020
Methyl tert-butyl ether	ND	0.0074		mg/Kg-dry	1	2/20/2020
Styrene	ND	0.0074		mg/Kg-dry	1	2/20/2020
1,1,2,2-Tetrachloroethane	ND	0.0074		mg/Kg-dry	1	2/20/2020
Tetrachloroethene	ND	0.0074		mg/Kg-dry	1	2/20/2020
Toluene	ND	0.0074		mg/Kg-dry	1	2/20/2020
1,1,1-Trichloroethane	ND	0.0074		mg/Kg-dry	1	2/20/2020
1,1,2-Trichloroethane	ND	0.0074		mg/Kg-dry	1	2/20/2020
Trichloroethene	ND	0.0074		mg/Kg-dry	1	2/20/2020
Vinyl chloride	ND	0.0074		mg/Kg-dry	1	2/20/2020
Xylenes, Total	ND	0.022		mg/Kg-dry	1	2/20/2020
<b>Semivolatile Organic Compounds by GC/MS</b>		<b>SW8270D (SW3550B)</b>		Prep Date: 2/14/2020		Analyst: DM
Acenaphthene	ND	0.043		mg/Kg-dry	1	2/18/2020
Acenaphthylene	ND	0.043		mg/Kg-dry	1	2/18/2020

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

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

**STAT Analysis Corporation**

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

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

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

Date Reported: March 10, 2020

Date Printed: March 10, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-14-01 (0-1.5)

Work Order: 20020373 Revision 0

Collection Date: 2/12/2020 11:07:00 AM

Project: 81.0220509.75, IDOT WO37 Elk Grove, Elk Grove

Matrix: Soil

Lab ID: 20020373-012

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Semivolatile Organic Compounds by GC/MS</b>	<b>SW8270D (SW3550B)</b>				Prep Date: 2/14/2020	Analyst: DM
Aniline	ND	0.43		mg/Kg-dry	1	2/18/2020
Anthracene	0.18	0.043		mg/Kg-dry	1	2/18/2020
Benz(a)anthracene	1.0	0.043		mg/Kg-dry	1	2/18/2020
Benzidine	ND	0.43		mg/Kg-dry	1	2/18/2020
Benzo(a)pyrene	1.1	0.043		mg/Kg-dry	1	2/18/2020
Benzo(b)fluoranthene	1.5	0.043		mg/Kg-dry	1	2/18/2020
Benzo(g,h,i)perylene	0.85	0.043		mg/Kg-dry	1	2/18/2020
Benzo(k)fluoranthene	0.78	0.043		mg/Kg-dry	1	2/18/2020
Benzoic acid	ND	1.1		mg/Kg-dry	1	2/18/2020
Benzyl alcohol	ND	0.22		mg/Kg-dry	1	2/18/2020
Bis(2-chloroethoxy)methane	ND	0.22		mg/Kg-dry	1	2/18/2020
Bis(2-chloroethyl)ether	ND	0.22		mg/Kg-dry	1	2/18/2020
Bis(2-ethylhexyl)phthalate	ND	1.1		mg/Kg-dry	1	2/18/2020
4-Bromophenyl phenyl ether	ND	0.22		mg/Kg-dry	1	2/18/2020
Butyl benzyl phthalate	ND	0.22		mg/Kg-dry	1	2/18/2020
Carbazole	ND	0.22		mg/Kg-dry	1	2/18/2020
4-Chloroaniline	ND	0.22		mg/Kg-dry	1	2/18/2020
4-Chloro-3-methylphenol	ND	0.43		mg/Kg-dry	1	2/18/2020
2-Chloronaphthalene	ND	0.22		mg/Kg-dry	1	2/18/2020
2-Chlorophenol	ND	0.22		mg/Kg-dry	1	2/18/2020
4-Chlorophenyl phenyl ether	ND	0.22		mg/Kg-dry	1	2/18/2020
Chrysene	1.2	0.043		mg/Kg-dry	1	2/18/2020
Dibenz(a,h)anthracene	0.41	0.043		mg/Kg-dry	1	2/18/2020
Dibenzofuran	ND	0.22		mg/Kg-dry	1	2/18/2020
1,2-Dichlorobenzene	ND	0.22		mg/Kg-dry	1	2/18/2020
1,3-Dichlorobenzene	ND	0.22		mg/Kg-dry	1	2/18/2020
1,4-Dichlorobenzene	ND	0.22		mg/Kg-dry	1	2/18/2020
3,3'-Dichlorobenzidine	ND	0.22		mg/Kg-dry	1	2/18/2020
2,4-Dichlorophenol	ND	0.22		mg/Kg-dry	1	2/18/2020
Diethyl phthalate	ND	0.22		mg/Kg-dry	1	2/18/2020
2,4-Dimethylphenol	ND	0.22		mg/Kg-dry	1	2/18/2020
Dimethyl phthalate	ND	0.22		mg/Kg-dry	1	2/18/2020
4,6-Dinitro-2-methylphenol	ND	0.43		mg/Kg-dry	1	2/18/2020
2,4-Dinitrophenol	ND	1.1		mg/Kg-dry	1	2/18/2020
2,4-Dinitrotoluene	ND	0.043		mg/Kg-dry	1	2/18/2020
2,6-Dinitrotoluene	ND	0.043		mg/Kg-dry	1	2/18/2020
Di-n-butyl phthalate	ND	0.22		mg/Kg-dry	1	2/18/2020
Di-n-octyl phthalate	ND	0.22		mg/Kg-dry	1	2/18/2020

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

**Qualifiers:**

J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded

**STAT Analysis Corporation**

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

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

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

Date Reported: March 10, 2020

Date Printed: March 10, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-14-01 (0-1.5)

Work Order: 20020373 Revision 0

Collection Date: 2/12/2020 11:07:00 AM

Project: 81.0220509.75, IDOT WO37 Elk Grove, Elk Grove

Matrix: Soil

Lab ID: 20020373-012

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Semivolatile Organic Compounds by GC/MS</b>						
	<b>SW8270D (SW3550B)</b>		Prep Date: <b>2/14/2020</b>		Analyst: <b>DM</b>	
Fluoranthene	2.2	0.043		mg/Kg-dry	1	2/18/2020
Fluorene	ND	0.043		mg/Kg-dry	1	2/18/2020
Hexachlorobenzene	ND	0.22		mg/Kg-dry	1	2/18/2020
Hexachlorobutadiene	ND	0.22		mg/Kg-dry	1	2/18/2020
Hexachlorocyclopentadiene	ND	0.22		mg/Kg-dry	1	2/18/2020
Hexachloroethane	ND	0.22		mg/Kg-dry	1	2/18/2020
Indeno(1,2,3-cd)pyrene	0.77	0.043		mg/Kg-dry	1	2/18/2020
Isophorone	ND	0.22		mg/Kg-dry	1	2/18/2020
2-Methylnaphthalene	ND	0.22		mg/Kg-dry	1	2/18/2020
2-Methylphenol	ND	0.22		mg/Kg-dry	1	2/18/2020
4-Methylphenol	ND	0.22		mg/Kg-dry	1	2/18/2020
Naphthalene	ND	0.043		mg/Kg-dry	1	2/18/2020
2-Nitroaniline	ND	0.22		mg/Kg-dry	1	2/18/2020
3-Nitroaniline	ND	0.22		mg/Kg-dry	1	2/18/2020
4-Nitroaniline	ND	0.22		mg/Kg-dry	1	2/18/2020
2-Nitrophenol	ND	0.22		mg/Kg-dry	1	2/18/2020
4-Nitrophenol	ND	0.43		mg/Kg-dry	1	2/18/2020
Nitrobenzene	ND	0.043		mg/Kg-dry	1	2/18/2020
N-Nitrosodi-n-propylamine	ND	0.043		mg/Kg-dry	1	2/18/2020
N-Nitrosodimethylamine	ND	0.22		mg/Kg-dry	1	2/18/2020
N-Nitrosodiphenylamine	ND	0.043		mg/Kg-dry	1	2/18/2020
2, 2'-oxybis(1-Chloropropane)	ND	0.22		mg/Kg-dry	1	2/18/2020
Pentachlorophenol	ND	0.043		mg/Kg-dry	1	2/18/2020
Phenanthrene	0.79	0.043		mg/Kg-dry	1	2/18/2020
Phenol	ND	0.22		mg/Kg-dry	1	2/18/2020
Pyrene	1.7	0.043		mg/Kg-dry	1	2/18/2020
Pyridine	ND	0.87		mg/Kg-dry	1	2/18/2020
1,2,4-Trichlorobenzene	ND	0.22		mg/Kg-dry	1	2/18/2020
2,4,5-Trichlorophenol	ND	0.22		mg/Kg-dry	1	2/18/2020
2,4,6-Trichlorophenol	ND	0.22		mg/Kg-dry	1	2/18/2020
<b>Metals by ICP/MS</b>						
	<b>SW6020A (SW3050B)</b>		Prep Date: <b>2/19/2020</b>		Analyst: <b>MDT</b>	
Antimony	ND	2.3		mg/Kg-dry	10	2/20/2020
Arsenic	7.8	1.2		mg/Kg-dry	10	2/20/2020
Barium	100	1.2		mg/Kg-dry	10	2/20/2020
Beryllium	ND	0.58		mg/Kg-dry	10	2/20/2020
Cadmium	ND	0.58		mg/Kg-dry	10	2/20/2020
Calcium	30000	70		mg/Kg-dry	10	2/20/2020
Chromium	20	1.2		mg/Kg-dry	10	2/20/2020

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

**Qualifiers:**

J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded

**STAT Analysis Corporation**

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

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

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

Date Reported: March 10, 2020

Date Printed: March 10, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-14-01 (0-1.5)

Work Order: 20020373 Revision 0

Collection Date: 2/12/2020 11:07:00 AM

Project: 81.0220509.75, IDOT WO37 Elk Grove, Elk Grove

Matrix: Soil

Lab ID: 20020373-012

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Metals by ICP/MS</b>	<b>SW6020A (SW3050B)</b>		Prep Date: 2/19/2020		Analyst: MDT	
Cobalt	9.9	1.2		mg/Kg-dry	10	2/20/2020
Copper	30	2.9		mg/Kg-dry	10	2/20/2020
Iron	20000	35		mg/Kg-dry	10	2/20/2020
Lead	130	0.58		mg/Kg-dry	10	2/20/2020
Magnesium	17000	35		mg/Kg-dry	10	2/20/2020
Manganese	520	1.2		mg/Kg-dry	10	2/20/2020
Nickel	22	1.2		mg/Kg-dry	10	2/20/2020
Potassium	1700	35		mg/Kg-dry	10	2/20/2020
Selenium	ND	1.2		mg/Kg-dry	10	2/20/2020
Silver	ND	1.2		mg/Kg-dry	10	2/20/2020
Sodium	74	70		mg/Kg-dry	10	2/20/2020
Thallium	ND	1.2		mg/Kg-dry	10	2/20/2020
Vanadium	25	1.2		mg/Kg-dry	10	2/20/2020
Zinc	100	5.8		mg/Kg-dry	10	2/20/2020
<b>SPLP Metals by ICP/MS</b>	<b>SW1312/6020A (SW3005A)</b>		Prep Date: 2/18/2020		Analyst: MDT	
Arsenic	ND	0.0040		mg/L	2	2/19/2020
Barium	ND	0.020		mg/L	2	2/19/2020
Beryllium	ND	0.0020		mg/L	2	2/19/2020
Cadmium	ND	0.0020		mg/L	2	2/19/2020
Chromium	ND	0.0080		mg/L	2	2/19/2020
Cobalt	ND	0.0040		mg/L	2	2/19/2020
Copper	ND	0.020		mg/L	2	2/19/2020
Iron	0.91	0.20		mg/L	2	2/19/2020
Lead	ND	0.0020		mg/L	2	2/19/2020
Manganese	0.0054	0.0040		mg/L	2	2/19/2020
Nickel	ND	0.0080		mg/L	2	2/19/2020
Selenium	ND	0.0040		mg/L	2	2/19/2020
Silver	ND	0.0040		mg/L	2	2/19/2020
Zinc	ND	0.080		mg/L	2	2/19/2020
<b>TCLP Metals by ICP/MS</b>	<b>SW1311/6020A (SW3005A)</b>		Prep Date: 2/18/2020		Analyst: MDT	
Arsenic	ND	0.010		mg/L	5	2/19/2020
Barium	0.41	0.050		mg/L	5	2/19/2020
Beryllium	ND	0.0050		mg/L	5	2/19/2020
Cadmium	ND	0.0050		mg/L	5	2/19/2020
Chromium	ND	0.010		mg/L	5	2/19/2020
Cobalt	ND	0.010		mg/L	5	2/19/2020
Copper	ND	0.10		mg/L	5	2/19/2020

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers: J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded

**STAT Analysis Corporation**

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

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

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

Date Reported: March 10, 2020

Date Printed: March 10, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-14-01 (0-1.5)

Work Order: 20020373 Revision 0

Collection Date: 2/12/2020 11:07:00 AM

Project: 81.0220509.75, IDOT WO37 Elk Grove, Elk Grove

Matrix: Soil

Lab ID: 20020373-012

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>TCLP Metals by ICP/MS</b>	<b>SW1311/6020A (SW3005A)</b>			Prep Date: <b>2/18/2020</b>		Analyst: <b>MDT</b>
Iron	ND	0.25		mg/L	5	2/19/2020
Lead	ND	0.0050		mg/L	5	2/19/2020
Manganese	0.020	0.010		mg/L	5	2/19/2020
Nickel	ND	0.010		mg/L	5	2/19/2020
Selenium	ND	0.010		mg/L	5	2/19/2020
Silver	ND	0.010		mg/L	5	2/19/2020
Zinc	ND	0.050		mg/L	5	2/19/2020
<b>TCLP Mercury</b>	<b>SW1311/7470A</b>			Prep Date: <b>2/18/2020</b>		Analyst: <b>LB</b>
Mercury	ND	0.00020		mg/L	1	2/19/2020
<b>SPLP Mercury</b>	<b>SW1312/7470A</b>			Prep Date: <b>2/24/2020</b>		Analyst: <b>LB</b>
Mercury	ND	0.00020		mg/L	1	2/27/2020
<b>Mercury</b>	<b>SW7471B</b>			Prep Date: <b>3/6/2020</b>		Analyst: <b>LB</b>
Mercury	0.028	0.020		mg/Kg-dry	1	3/9/2020
<b>pH (25 °C)</b>	<b>SW9045C</b>			Prep Date: <b>2/19/2020</b>		Analyst: <b>JAR</b>
pH	8.00			pH Units	1	2/19/2020
<b>Percent Moisture</b>	<b>D2974</b>			Prep Date: <b>2/14/2020</b>		Analyst: <b>FN</b>
Percent Moisture	22.7	0.2	*	wt%	1	2/17/2020

**Qualifiers:**

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

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

**STAT Analysis Corporation**

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

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

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

Date Reported: March 10, 2020

Date Printed: March 10, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-15-02 (0-2)

Work Order: 20020373 Revision 0

Collection Date: 2/12/2020 11:21:00 AM

Project: 81.0220509.75, IDOT WO37 Elk Grove, Elk Grove

Matrix: Soil

Lab ID: 20020373-023

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Volatile Organic Compounds by GC/MS</b>	<b>SW5035/8260B</b>		Prep Date: <b>2/14/2020</b>		Analyst: <b>JDT</b>	
Acetone	ND	0.086		mg/Kg-dry	1	2/19/2020
Benzene	ND	0.0057		mg/Kg-dry	1	2/19/2020
Bromodichloromethane	ND	0.0057		mg/Kg-dry	1	2/19/2020
Bromoform	ND	0.0057		mg/Kg-dry	1	2/19/2020
Bromomethane	ND	0.011		mg/Kg-dry	1	2/19/2020
2-Butanone	ND	0.086		mg/Kg-dry	1	2/19/2020
Carbon disulfide	ND	0.057		mg/Kg-dry	1	2/19/2020
Carbon tetrachloride	ND	0.0057		mg/Kg-dry	1	2/19/2020
Chlorobenzene	ND	0.0057		mg/Kg-dry	1	2/19/2020
Chloroethane	ND	0.011		mg/Kg-dry	1	2/19/2020
Chloroform	ND	0.0057		mg/Kg-dry	1	2/19/2020
Chloromethane	ND	0.011		mg/Kg-dry	1	2/19/2020
Dibromochloromethane	ND	0.0057		mg/Kg-dry	1	2/19/2020
1,1-Dichloroethane	ND	0.0057		mg/Kg-dry	1	2/19/2020
1,2-Dichloroethane	ND	0.0057		mg/Kg-dry	1	2/19/2020
1,1-Dichloroethene	ND	0.0057		mg/Kg-dry	1	2/19/2020
cis-1,2-Dichloroethene	ND	0.0057		mg/Kg-dry	1	2/19/2020
trans-1,2-Dichloroethene	ND	0.0057		mg/Kg-dry	1	2/19/2020
1,2-Dichloropropane	ND	0.0057		mg/Kg-dry	1	2/19/2020
cis-1,3-Dichloropropene	ND	0.0023		mg/Kg-dry	1	2/19/2020
trans-1,3-Dichloropropene	ND	0.0023		mg/Kg-dry	1	2/19/2020
Ethylbenzene	ND	0.0057		mg/Kg-dry	1	2/19/2020
2-Hexanone	ND	0.023		mg/Kg-dry	1	2/19/2020
4-Methyl-2-pentanone	ND	0.023		mg/Kg-dry	1	2/19/2020
Methylene chloride	ND	0.011		mg/Kg-dry	1	2/19/2020
Methyl tert-butyl ether	ND	0.0057		mg/Kg-dry	1	2/19/2020
Styrene	ND	0.0057		mg/Kg-dry	1	2/19/2020
1,1,2,2-Tetrachloroethane	ND	0.0057		mg/Kg-dry	1	2/19/2020
Tetrachloroethene	ND	0.0057		mg/Kg-dry	1	2/19/2020
Toluene	ND	0.0057		mg/Kg-dry	1	2/19/2020
1,1,1-Trichloroethane	ND	0.0057		mg/Kg-dry	1	2/19/2020
1,1,2-Trichloroethane	ND	0.0057		mg/Kg-dry	1	2/19/2020
Trichloroethene	ND	0.0057		mg/Kg-dry	1	2/19/2020
Vinyl chloride	ND	0.0057		mg/Kg-dry	1	2/19/2020
Xylenes, Total	ND	0.017		mg/Kg-dry	1	2/19/2020
<b>Semivolatile Organic Compounds by GC/MS</b>	<b>SW8270D (SW3550B)</b>		Prep Date: <b>2/14/2020</b>		Analyst: <b>TEM</b>	
Acenaphthene	0.065	0.037		mg/Kg-dry	1	2/17/2020
Acenaphthylene	ND	0.037		mg/Kg-dry	1	2/17/2020

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

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



**STAT Analysis Corporation**

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

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

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

Date Reported: March 10, 2020

Date Printed: March 10, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-15-02 (0-2)

Work Order: 20020373 Revision 0

Collection Date: 2/12/2020 11:21:00 AM

Project: 81.0220509.75, IDOT WO37 Elk Grove, Elk Grove

Matrix: Soil

Lab ID: 20020373-023

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Semivolatile Organic Compounds by GC/MS</b>	<b>SW8270D (SW3550B)</b>				Prep Date: 2/14/2020	Analyst: TEM
Aniline	ND	0.38		mg/Kg-dry	1	2/17/2020
Anthracene	0.14	0.037		mg/Kg-dry	1	2/17/2020
Benz(a)anthracene	0.77	0.037		mg/Kg-dry	1	2/17/2020
Benzidine	ND	0.37		mg/Kg-dry	1	2/17/2020
Benzo(a)pyrene	0.91	0.037		mg/Kg-dry	1	2/17/2020
Benzo(b)fluoranthene	1.1	0.037		mg/Kg-dry	1	2/17/2020
Benzo(g,h,i)perylene	0.69	0.037		mg/Kg-dry	1	2/17/2020
Benzo(k)fluoranthene	0.62	0.037		mg/Kg-dry	1	2/17/2020
Benzoic acid	ND	0.94		mg/Kg-dry	1	2/17/2020
Benzyl alcohol	ND	0.19		mg/Kg-dry	1	2/17/2020
Bis(2-chloroethoxy)methane	ND	0.19		mg/Kg-dry	1	2/17/2020
Bis(2-chloroethyl)ether	ND	0.19		mg/Kg-dry	1	2/17/2020
Bis(2-ethylhexyl)phthalate	ND	0.94		mg/Kg-dry	1	2/17/2020
4-Bromophenyl phenyl ether	ND	0.19		mg/Kg-dry	1	2/17/2020
Butyl benzyl phthalate	ND	0.19		mg/Kg-dry	1	2/17/2020
Carbazole	ND	0.19		mg/Kg-dry	1	2/17/2020
4-Chloroaniline	ND	0.19		mg/Kg-dry	1	2/17/2020
4-Chloro-3-methylphenol	ND	0.37		mg/Kg-dry	1	2/17/2020
2-Chloronaphthalene	ND	0.19		mg/Kg-dry	1	2/17/2020
2-Chlorophenol	ND	0.19		mg/Kg-dry	1	2/17/2020
4-Chlorophenyl phenyl ether	ND	0.19		mg/Kg-dry	1	2/17/2020
Chrysene	0.84	0.037		mg/Kg-dry	1	2/17/2020
Dibenz(a,h)anthracene	0.32	0.037		mg/Kg-dry	1	2/17/2020
Dibenzofuran	ND	0.19		mg/Kg-dry	1	2/17/2020
1,2-Dichlorobenzene	ND	0.19		mg/Kg-dry	1	2/17/2020
1,3-Dichlorobenzene	ND	0.19		mg/Kg-dry	1	2/17/2020
1,4-Dichlorobenzene	ND	0.19		mg/Kg-dry	1	2/17/2020
3,3'-Dichlorobenzidine	ND	0.19		mg/Kg-dry	1	2/17/2020
2,4-Dichlorophenol	ND	0.19		mg/Kg-dry	1	2/17/2020
Diethyl phthalate	ND	0.19		mg/Kg-dry	1	2/17/2020
2,4-Dimethylphenol	ND	0.19		mg/Kg-dry	1	2/17/2020
Dimethyl phthalate	ND	0.19		mg/Kg-dry	1	2/17/2020
4,6-Dinitro-2-methylphenol	ND	0.37		mg/Kg-dry	1	2/17/2020
2,4-Dinitrophenol	ND	0.94		mg/Kg-dry	1	2/17/2020
2,4-Dinitrotoluene	ND	0.037		mg/Kg-dry	1	2/17/2020
2,6-Dinitrotoluene	ND	0.037		mg/Kg-dry	1	2/17/2020
Di-n-butyl phthalate	ND	0.19		mg/Kg-dry	1	2/17/2020
Di-n-octyl phthalate	ND	0.19		mg/Kg-dry	1	2/17/2020

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers: J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded

**STAT Analysis Corporation**

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

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

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

Date Reported: March 10, 2020

Date Printed: March 10, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-15-02 (0-2)

Work Order: 20020373 Revision 0

Collection Date: 2/12/2020 11:21:00 AM

Project: 81.0220509.75, IDOT WO37 Elk Grove, Elk Grove

Matrix: Soil

Lab ID: 20020373-023

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Semivolatile Organic Compounds by GC/MS</b>						
	<b>SW8270D (SW3550B)</b>		Prep Date: <b>2/14/2020</b>		Analyst: <b>TEM</b>	
Fluoranthene	1.9	0.037		mg/Kg-dry	1	2/17/2020
Fluorene	0.063	0.037		mg/Kg-dry	1	2/17/2020
Hexachlorobenzene	ND	0.19		mg/Kg-dry	1	2/17/2020
Hexachlorobutadiene	ND	0.19		mg/Kg-dry	1	2/17/2020
Hexachlorocyclopentadiene	ND	0.19		mg/Kg-dry	1	2/17/2020
Hexachloroethane	ND	0.19		mg/Kg-dry	1	2/17/2020
Indeno(1,2,3-cd)pyrene	0.62	0.037		mg/Kg-dry	1	2/17/2020
Isophorone	ND	0.19		mg/Kg-dry	1	2/17/2020
2-Methylnaphthalene	ND	0.19		mg/Kg-dry	1	2/17/2020
2-Methylphenol	ND	0.19		mg/Kg-dry	1	2/17/2020
4-Methylphenol	ND	0.19		mg/Kg-dry	1	2/17/2020
Naphthalene	ND	0.037		mg/Kg-dry	1	2/17/2020
2-Nitroaniline	ND	0.19		mg/Kg-dry	1	2/17/2020
3-Nitroaniline	ND	0.19		mg/Kg-dry	1	2/17/2020
4-Nitroaniline	ND	0.19		mg/Kg-dry	1	2/17/2020
2-Nitrophenol	ND	0.19		mg/Kg-dry	1	2/17/2020
4-Nitrophenol	ND	0.37		mg/Kg-dry	1	2/17/2020
Nitrobenzene	ND	0.037		mg/Kg-dry	1	2/17/2020
N-Nitrosodi-n-propylamine	ND	0.037		mg/Kg-dry	1	2/17/2020
N-Nitrosodimethylamine	ND	0.19		mg/Kg-dry	1	2/17/2020
N-Nitrosodiphenylamine	ND	0.037		mg/Kg-dry	1	2/17/2020
2, 2'-oxybis(1-Chloropropane)	ND	0.19		mg/Kg-dry	1	2/17/2020
Pentachlorophenol	ND	0.037		mg/Kg-dry	1	2/17/2020
Phenanthrene	0.99	0.037		mg/Kg-dry	1	2/17/2020
Phenol	ND	0.19		mg/Kg-dry	1	2/17/2020
Pyrene	1.5	0.037		mg/Kg-dry	1	2/17/2020
Pyridine	ND	0.76		mg/Kg-dry	1	2/17/2020
1,2,4-Trichlorobenzene	ND	0.19		mg/Kg-dry	1	2/17/2020
2,4,5-Trichlorophenol	ND	0.19		mg/Kg-dry	1	2/17/2020
2,4,6-Trichlorophenol	ND	0.19		mg/Kg-dry	1	2/17/2020
<b>Metals by ICP/MS</b>						
	<b>SW6020A (SW3050B)</b>		Prep Date: <b>2/19/2020</b>		Analyst: <b>MDT</b>	
Antimony	ND	2.0		mg/Kg-dry	10	2/20/2020
Arsenic	8.9	1.0		mg/Kg-dry	10	2/20/2020
Barium	90	1.0		mg/Kg-dry	10	2/20/2020
Beryllium	ND	0.50		mg/Kg-dry	10	2/20/2020
Cadmium	ND	0.50		mg/Kg-dry	10	2/20/2020
Calcium	57000	60		mg/Kg-dry	10	2/20/2020
Chromium	17	1.0		mg/Kg-dry	10	2/20/2020

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

**Qualifiers:**

J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded

**STAT Analysis Corporation**

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

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

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

Date Reported: March 10, 2020

Date Printed: March 10, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-15-02 (0-2)

Work Order: 20020373 Revision 0

Collection Date: 2/12/2020 11:21:00 AM

Project: 81.0220509.75, IDOT WO37 Elk Grove, Elk Grove

Matrix: Soil

Lab ID: 20020373-023

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Metals by ICP/MS</b>	<b>SW6020A (SW3050B)</b>		Prep Date: 2/19/2020		Analyst: MDT	
Cobalt	9.7	1.0		mg/Kg-dry	10	2/20/2020
Copper	25	2.5		mg/Kg-dry	10	2/20/2020
Iron	22000	30		mg/Kg-dry	10	2/20/2020
Lead	43	0.50		mg/Kg-dry	10	2/20/2020
Magnesium	32000	30		mg/Kg-dry	10	2/20/2020
Manganese	640	1.0		mg/Kg-dry	10	2/20/2020
Nickel	23	1.0		mg/Kg-dry	10	2/20/2020
Potassium	1200	30		mg/Kg-dry	10	2/20/2020
Selenium	ND	1.0		mg/Kg-dry	10	2/20/2020
Silver	ND	1.0		mg/Kg-dry	10	2/20/2020
Sodium	120	60		mg/Kg-dry	10	2/20/2020
Thallium	ND	1.0		mg/Kg-dry	10	2/20/2020
Vanadium	24	1.0		mg/Kg-dry	10	2/20/2020
Zinc	88	5.0		mg/Kg-dry	10	2/20/2020
<b>SPLP Metals by ICP/MS</b>	<b>SW1312/6020A (SW3005A)</b>		Prep Date: 2/19/2020		Analyst: MDT	
Arsenic	ND	0.0040		mg/L	2	2/19/2020
Barium	ND	0.020		mg/L	2	2/19/2020
Beryllium	ND	0.0020		mg/L	2	2/19/2020
Cadmium	ND	0.0020		mg/L	2	2/19/2020
Chromium	ND	0.0040		mg/L	2	2/19/2020
Cobalt	ND	0.0040		mg/L	2	2/19/2020
Copper	ND	0.040		mg/L	2	2/19/2020
Iron	1.2	0.10		mg/L	2	2/19/2020
Lead	ND	0.0020		mg/L	2	2/19/2020
Manganese	0.0066	0.0040		mg/L	2	2/19/2020
Nickel	ND	0.0040		mg/L	2	2/19/2020
Selenium	ND	0.0040		mg/L	2	2/19/2020
Silver	ND	0.0040		mg/L	2	2/19/2020
Zinc	ND	0.020		mg/L	2	2/19/2020
<b>TCLP Metals by ICP/MS</b>	<b>SW1311/6020A (SW3005A)</b>		Prep Date: 2/18/2020		Analyst: MDT	
Arsenic	ND	0.010		mg/L	5	2/19/2020
Barium	0.38	0.050		mg/L	5	2/19/2020
Beryllium	ND	0.0050		mg/L	5	2/19/2020
Cadmium	ND	0.0050		mg/L	5	2/19/2020
Chromium	ND	0.010		mg/L	5	2/19/2020
Cobalt	ND	0.010		mg/L	5	2/19/2020
Copper	ND	0.10		mg/L	5	2/19/2020

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

**Qualifiers:**

J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded

**STAT Analysis Corporation**

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

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

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

Date Reported: March 10, 2020

Date Printed: March 10, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-15-02 (0-2)

Work Order: 20020373 Revision 0

Collection Date: 2/12/2020 11:21:00 AM

Project: 81.0220509.75, IDOT WO37 Elk Grove, Elk Grove

Matrix: Soil

Lab ID: 20020373-023

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>TCLP Metals by ICP/MS</b>	<b>SW1311/6020A (SW3005A)</b>			Prep Date: <b>2/18/2020</b>		Analyst: <b>MDT</b>
Iron	ND	0.25		mg/L	5	2/19/2020
Lead	ND	0.0050		mg/L	5	2/19/2020
Manganese	ND	0.010		mg/L	5	2/19/2020
Nickel	ND	0.010		mg/L	5	2/19/2020
Selenium	ND	0.010		mg/L	5	2/19/2020
Silver	ND	0.010		mg/L	5	2/19/2020
Zinc	ND	0.050		mg/L	5	2/19/2020
<b>TCLP Mercury</b>	<b>SW1311/7470A</b>			Prep Date: <b>2/18/2020</b>		Analyst: <b>LB</b>
Mercury	ND	0.00020		mg/L	1	2/19/2020
<b>SPLP Mercury</b>	<b>SW1312/7470A</b>			Prep Date: <b>2/24/2020</b>		Analyst: <b>LB</b>
Mercury	ND	0.00020		mg/L	1	2/25/2020
<b>Mercury</b>	<b>SW7471B</b>			Prep Date: <b>3/6/2020</b>		Analyst: <b>LB</b>
Mercury	0.050	0.020		mg/Kg-dry	1	3/9/2020
<b>pH (25 °C)</b>	<b>SW9045C</b>			Prep Date: <b>2/18/2020</b>		Analyst: <b>JAR</b>
pH	8.76			pH Units	1	2/18/2020
<b>Percent Moisture</b>	<b>D2974</b>			Prep Date: <b>2/14/2020</b>		Analyst: <b>FN</b>
Percent Moisture	13.1	0.2	*	wt%	1	2/17/2020

**Qualifiers:**

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

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

**STAT Analysis Corporation**

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

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

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

Date Reported: March 12, 2020

Date Printed: March 12, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-7-03 (0-1.5)

Work Order: 20020495 Revision 0

Collection Date: 2/17/2020 11:07:00 AM

Project: 81.0220509.75, WO #37, Elk Grove

Matrix: Soil

Lab ID: 20020495-012

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Volatile Organic Compounds by GC/MS</b>	<b>SW5035/8260B</b>		Prep Date: <b>2/19/2020</b>		Analyst: <b>JDT</b>	
Acetone	ND	0.075		mg/Kg-dry	1	2/25/2020
Benzene	ND	0.0050		mg/Kg-dry	1	2/25/2020
Bromodichloromethane	ND	0.0050		mg/Kg-dry	1	2/25/2020
Bromoform	ND	0.0050		mg/Kg-dry	1	2/25/2020
Bromomethane	ND	0.010		mg/Kg-dry	1	2/25/2020
2-Butanone	ND	0.075		mg/Kg-dry	1	2/25/2020
Carbon disulfide	ND	0.050		mg/Kg-dry	1	2/25/2020
Carbon tetrachloride	ND	0.0050		mg/Kg-dry	1	2/25/2020
Chlorobenzene	ND	0.0050		mg/Kg-dry	1	2/25/2020
Chloroethane	ND	0.010		mg/Kg-dry	1	2/25/2020
Chloroform	ND	0.0050		mg/Kg-dry	1	2/25/2020
Chloromethane	ND	0.010		mg/Kg-dry	1	2/25/2020
Dibromochloromethane	ND	0.0050		mg/Kg-dry	1	2/25/2020
1,1-Dichloroethane	ND	0.0050		mg/Kg-dry	1	2/25/2020
1,2-Dichloroethane	ND	0.0050		mg/Kg-dry	1	2/25/2020
1,1-Dichloroethene	ND	0.0050		mg/Kg-dry	1	2/25/2020
cis-1,2-Dichloroethene	ND	0.0050		mg/Kg-dry	1	2/25/2020
trans-1,2-Dichloroethene	ND	0.0050		mg/Kg-dry	1	2/25/2020
1,2-Dichloropropane	ND	0.0050		mg/Kg-dry	1	2/25/2020
cis-1,3-Dichloropropene	ND	0.0020		mg/Kg-dry	1	2/25/2020
trans-1,3-Dichloropropene	ND	0.0020		mg/Kg-dry	1	2/25/2020
Ethylbenzene	ND	0.0050		mg/Kg-dry	1	2/25/2020
2-Hexanone	ND	0.020		mg/Kg-dry	1	2/25/2020
4-Methyl-2-pentanone	ND	0.020		mg/Kg-dry	1	2/25/2020
Methylene chloride	ND	0.010		mg/Kg-dry	1	2/25/2020
Methyl tert-butyl ether	ND	0.0050		mg/Kg-dry	1	2/25/2020
Styrene	ND	0.0050		mg/Kg-dry	1	2/25/2020
1,1,2,2-Tetrachloroethane	ND	0.0050		mg/Kg-dry	1	2/25/2020
Tetrachloroethene	ND	0.0050		mg/Kg-dry	1	2/25/2020
Toluene	ND	0.0050		mg/Kg-dry	1	2/25/2020
1,1,1-Trichloroethane	ND	0.0050		mg/Kg-dry	1	2/25/2020
1,1,2-Trichloroethane	ND	0.0050		mg/Kg-dry	1	2/25/2020
Trichloroethene	ND	0.0050		mg/Kg-dry	1	2/25/2020
Vinyl chloride	ND	0.0050		mg/Kg-dry	1	2/25/2020
Xylenes, Total	ND	0.015		mg/Kg-dry	1	2/25/2020
<b>Semivolatile Organic Compounds by GC/MS</b>	<b>SW8270D (SW3550B)</b>		Prep Date: <b>2/20/2020</b>		Analyst: <b>DM</b>	
Acenaphthene	0.050	0.038		mg/Kg-dry	1	2/21/2020
Acenaphthylene	0.16	0.038		mg/Kg-dry	1	2/21/2020

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

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

**STAT Analysis Corporation**

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

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

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

Date Reported: March 12, 2020

Date Printed: March 12, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-7-03 (0-1.5)

Work Order: 20020495 Revision 0

Collection Date: 2/17/2020 11:07:00 AM

Project: 81.0220509.75, WO #37, Elk Grove

Matrix: Soil

Lab ID: 20020495-012

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Semivolatile Organic Compounds by GC/MS</b>	<b>SW8270D (SW3550B)</b>			Prep Date: 2/20/2020		Analyst: DM
Aniline	ND	0.39		mg/Kg-dry	1	2/21/2020
Anthracene	0.24	0.038		mg/Kg-dry	1	2/21/2020
Benz(a)anthracene	1.1	0.038		mg/Kg-dry	1	2/21/2020
Benzidine	ND	0.38		mg/Kg-dry	1	2/21/2020
Benzo(a)pyrene	1.1	0.038		mg/Kg-dry	1	2/21/2020
Benzo(b)fluoranthene	1.0	0.038		mg/Kg-dry	1	2/21/2020
Benzo(g,h,i)perylene	0.67	0.038		mg/Kg-dry	1	2/21/2020
Benzo(k)fluoranthene	0.98	0.038		mg/Kg-dry	1	2/21/2020
Benzoic acid	ND	0.96		mg/Kg-dry	1	2/21/2020
Benzyl alcohol	ND	0.20		mg/Kg-dry	1	2/21/2020
Bis(2-chloroethoxy)methane	ND	0.20		mg/Kg-dry	1	2/21/2020
Bis(2-chloroethyl)ether	ND	0.20		mg/Kg-dry	1	2/21/2020
Bis(2-ethylhexyl)phthalate	ND	0.96		mg/Kg-dry	1	2/21/2020
4-Bromophenyl phenyl ether	ND	0.20		mg/Kg-dry	1	2/21/2020
Butyl benzyl phthalate	ND	0.20		mg/Kg-dry	1	2/21/2020
Carbazole	ND	0.20		mg/Kg-dry	1	2/21/2020
4-Chloroaniline	ND	0.20		mg/Kg-dry	1	2/21/2020
4-Chloro-3-methylphenol	ND	0.38		mg/Kg-dry	1	2/21/2020
2-Chloronaphthalene	ND	0.20		mg/Kg-dry	1	2/21/2020
2-Chlorophenol	ND	0.20		mg/Kg-dry	1	2/21/2020
4-Chlorophenyl phenyl ether	ND	0.20		mg/Kg-dry	1	2/21/2020
Chrysene	1.1	0.038		mg/Kg-dry	1	2/21/2020
Dibenz(a,h)anthracene	0.40	0.038		mg/Kg-dry	1	2/21/2020
Dibenzofuran	ND	0.20		mg/Kg-dry	1	2/21/2020
1,2-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	2/21/2020
1,3-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	2/21/2020
1,4-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	2/21/2020
3,3'-Dichlorobenzidine	ND	0.20		mg/Kg-dry	1	2/21/2020
2,4-Dichlorophenol	ND	0.20		mg/Kg-dry	1	2/21/2020
Diethyl phthalate	ND	0.20		mg/Kg-dry	1	2/21/2020
2,4-Dimethylphenol	ND	0.20		mg/Kg-dry	1	2/21/2020
Dimethyl phthalate	ND	0.20		mg/Kg-dry	1	2/21/2020
4,6-Dinitro-2-methylphenol	ND	0.38		mg/Kg-dry	1	2/21/2020
2,4-Dinitrophenol	ND	0.96		mg/Kg-dry	1	2/21/2020
2,4-Dinitrotoluene	ND	0.038		mg/Kg-dry	1	2/21/2020
2,6-Dinitrotoluene	ND	0.038		mg/Kg-dry	1	2/21/2020
Di-n-butyl phthalate	ND	0.20		mg/Kg-dry	1	2/21/2020
Di-n-octyl phthalate	ND	0.20		mg/Kg-dry	1	2/21/2020

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers: J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded

**STAT Analysis Corporation**

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

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

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

Date Reported: March 12, 2020

Date Printed: March 12, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-7-03 (0-1.5)

Work Order: 20020495 Revision 0

Collection Date: 2/17/2020 11:07:00 AM

Project: 81.0220509.75, WO #37, Elk Grove

Matrix: Soil

Lab ID: 20020495-012

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Semivolatile Organic Compounds by GC/MS</b>						
	<b>SW8270D (SW3550B)</b>		Prep Date: <b>2/20/2020</b>		Analyst: <b>DM</b>	
Fluoranthene	1.9	0.038		mg/Kg-dry	1	2/21/2020
Fluorene	0.077	0.038		mg/Kg-dry	1	2/21/2020
Hexachlorobenzene	ND	0.20		mg/Kg-dry	1	2/21/2020
Hexachlorobutadiene	ND	0.20		mg/Kg-dry	1	2/21/2020
Hexachlorocyclopentadiene	ND	0.20		mg/Kg-dry	1	2/21/2020
Hexachloroethane	ND	0.20		mg/Kg-dry	1	2/21/2020
Indeno(1,2,3-cd)pyrene	0.66	0.038		mg/Kg-dry	1	2/21/2020
Isophorone	ND	0.20		mg/Kg-dry	1	2/21/2020
2-Methylnaphthalene	ND	0.20		mg/Kg-dry	1	2/21/2020
2-Methylphenol	ND	0.20		mg/Kg-dry	1	2/21/2020
4-Methylphenol	ND	0.20		mg/Kg-dry	1	2/21/2020
Naphthalene	ND	0.038		mg/Kg-dry	1	2/21/2020
2-Nitroaniline	ND	0.20		mg/Kg-dry	1	2/21/2020
3-Nitroaniline	ND	0.20		mg/Kg-dry	1	2/21/2020
4-Nitroaniline	ND	0.20		mg/Kg-dry	1	2/21/2020
2-Nitrophenol	ND	0.20		mg/Kg-dry	1	2/21/2020
4-Nitrophenol	ND	0.38		mg/Kg-dry	1	2/21/2020
Nitrobenzene	ND	0.038		mg/Kg-dry	1	2/21/2020
N-Nitrosodi-n-propylamine	ND	0.038		mg/Kg-dry	1	2/21/2020
N-Nitrosodimethylamine	ND	0.20		mg/Kg-dry	1	2/21/2020
N-Nitrosodiphenylamine	ND	0.038		mg/Kg-dry	1	2/21/2020
2, 2'-oxybis(1-Chloropropane)	ND	0.20		mg/Kg-dry	1	2/21/2020
Pentachlorophenol	ND	0.038		mg/Kg-dry	1	2/21/2020
Phenanthrene	0.79	0.038		mg/Kg-dry	1	2/21/2020
Phenol	ND	0.20		mg/Kg-dry	1	2/21/2020
Pyrene	1.5	0.038		mg/Kg-dry	1	2/21/2020
Pyridine	ND	0.78		mg/Kg-dry	1	2/21/2020
1,2,4-Trichlorobenzene	ND	0.20		mg/Kg-dry	1	2/21/2020
2,4,5-Trichlorophenol	ND	0.20		mg/Kg-dry	1	2/21/2020
2,4,6-Trichlorophenol	ND	0.20		mg/Kg-dry	1	2/21/2020
<b>Metals by ICP/MS</b>						
	<b>SW6020A (SW3050B)</b>		Prep Date: <b>2/24/2020</b>		Analyst: <b>JG</b>	
Antimony	ND	2.0		mg/Kg-dry	10	2/25/2020
Arsenic	8.7	1.0		mg/Kg-dry	10	2/25/2020
Barium	68	1.0		mg/Kg-dry	10	2/25/2020
Beryllium	0.60	0.51		mg/Kg-dry	10	2/25/2020
Cadmium	ND	0.51		mg/Kg-dry	10	2/25/2020
Calcium	31000	61		mg/Kg-dry	10	2/25/2020
Chromium	14	1.0		mg/Kg-dry	10	2/25/2020

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers: J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded

**STAT Analysis Corporation**

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

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

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

Date Reported: March 12, 2020

Date Printed: March 12, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-7-03 (0-1.5)

Work Order: 20020495 Revision 0

Collection Date: 2/17/2020 11:07:00 AM

Project: 81.0220509.75, WO #37, Elk Grove

Matrix: Soil

Lab ID: 20020495-012

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Metals by ICP/MS</b>		<b>SW6020A (SW3050B)</b>		Prep Date: <b>2/24/2020</b>		Analyst: <b>JG</b>
Cobalt	9.9	1.0		mg/Kg-dry	10	2/25/2020
Copper	24	2.6		mg/Kg-dry	10	2/25/2020
Iron	19000	31		mg/Kg-dry	10	2/25/2020
Lead	39	0.51		mg/Kg-dry	10	2/25/2020
Magnesium	18000	31		mg/Kg-dry	10	2/25/2020
Manganese	690	1.0		mg/Kg-dry	10	2/25/2020
Nickel	22	1.0		mg/Kg-dry	10	2/25/2020
Potassium	1100	31		mg/Kg-dry	10	2/25/2020
Selenium	ND	1.0		mg/Kg-dry	10	2/25/2020
Silver	ND	1.0		mg/Kg-dry	10	2/25/2020
Sodium	1400	61		mg/Kg-dry	10	2/25/2020
Thallium	ND	1.0		mg/Kg-dry	10	2/25/2020
Vanadium	22	1.0		mg/Kg-dry	10	2/25/2020
Zinc	61	5.1		mg/Kg-dry	10	2/25/2020
<b>SPLP Metals by ICP/MS</b>		<b>SW1312/6020A (SW3005A)</b>		Prep Date: <b>2/20/2020</b>		Analyst: <b>MDT</b>
Arsenic	ND	0.0040		mg/L	2	2/21/2020
Barium	0.022	0.020		mg/L	2	2/21/2020
Beryllium	ND	0.0020		mg/L	2	2/21/2020
Cadmium	ND	0.0020		mg/L	2	2/21/2020
Chromium	0.0054	0.0040		mg/L	2	2/21/2020
Cobalt	ND	0.0040		mg/L	2	2/21/2020
Copper	ND	0.040		mg/L	2	2/21/2020
Iron	3.6	0.10		mg/L	2	2/21/2020
Lead	0.0072	0.0020		mg/L	2	2/21/2020
Manganese	0.025	0.0040		mg/L	2	2/21/2020
Nickel	ND	0.0040		mg/L	2	2/21/2020
Selenium	ND	0.0040		mg/L	2	2/21/2020
Silver	ND	0.0040		mg/L	2	2/21/2020
Zinc	ND	0.020		mg/L	2	2/21/2020
<b>TCLP Metals by ICP/MS</b>		<b>SW1311/6020A (SW3005A)</b>		Prep Date: <b>2/21/2020</b>		Analyst: <b>JG</b>
Arsenic	ND	0.010		mg/L	5	2/24/2020
Barium	0.45	0.050		mg/L	5	2/24/2020
Beryllium	ND	0.0050		mg/L	5	2/24/2020
Cadmium	ND	0.0050		mg/L	5	2/24/2020
Chromium	ND	0.010		mg/L	5	2/24/2020
Cobalt	ND	0.010		mg/L	5	2/24/2020
Copper	ND	0.10		mg/L	5	2/24/2020

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers: J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded



**STAT Analysis Corporation**

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

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

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

Date Reported: March 12, 2020

Date Printed: March 12, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Work Order: 20020495 Revision 0

Project: 81.0220509.75, WO #37, Elk Grove

Lab ID: 20020495-012

Client Sample ID: 2360V2-7-03 (0-1.5)

Collection Date: 2/17/2020 11:07:00 AM

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>TCLP Metals by ICP/MS</b>	<b>SW1311/6020A (SW3005A)</b>			Prep Date: <b>2/21/2020</b>		Analyst: <b>JG</b>
Iron	ND	0.25		mg/L	5	2/24/2020
Lead	ND	0.0050		mg/L	5	2/24/2020
Manganese	0.64	0.010		mg/L	5	2/24/2020
Nickel	ND	0.010		mg/L	5	2/24/2020
Selenium	ND	0.010		mg/L	5	2/24/2020
Silver	ND	0.010		mg/L	5	2/24/2020
Zinc	ND	0.050		mg/L	5	2/24/2020
<b>TCLP Mercury</b>	<b>SW1311/7470A</b>			Prep Date: <b>3/6/2020</b>		Analyst: <b>JG</b>
Mercury	ND	0.00020		mg/L	1	3/7/2020
<b>SPLP Mercury</b>	<b>SW1312/7470A</b>			Prep Date: <b>2/24/2020</b>		Analyst: <b>LB</b>
Mercury	ND	0.00020		mg/L	1	2/27/2020
<b>Mercury</b>	<b>SW7471B</b>			Prep Date: <b>3/10/2020</b>		Analyst: <b>LB</b>
Mercury	0.030	0.018		mg/Kg-dry	1	3/11/2020
<b>pH (25 °C)</b>	<b>SW9045C</b>			Prep Date: <b>2/25/2020</b>		Analyst: <b>FN</b>
pH	8.35			pH Units	1	2/25/2020
<b>Percent Moisture</b>	<b>D2974</b>			Prep Date: <b>2/19/2020</b>		Analyst: <b>FN</b>
Percent Moisture	15.4	0.2	*	wt%	1	2/20/2020

**Qualifiers:**

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

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

**STAT Analysis Corporation**

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

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

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

Date Reported: March 12, 2020

Date Printed: March 12, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-DUP3

Work Order: 20020495 Revision 0

Collection Date: 2/17/2020

Project: 81.0220509.75, WO #37, Elk Grove

Matrix: Soil

Lab ID: 20020495-034

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Volatile Organic Compounds by GC/MS</b>		<b>SW5035/8260B</b>		Prep Date: <b>2/19/2020</b>		Analyst: <b>JDT</b>
Acetone	ND	0.079		mg/Kg-dry	1	2/26/2020
Benzene	ND	0.0053		mg/Kg-dry	1	2/26/2020
Bromodichloromethane	ND	0.0053		mg/Kg-dry	1	2/26/2020
Bromoform	ND	0.0053		mg/Kg-dry	1	2/26/2020
Bromomethane	ND	0.011		mg/Kg-dry	1	2/26/2020
2-Butanone	ND	0.079		mg/Kg-dry	1	2/26/2020
Carbon disulfide	ND	0.053		mg/Kg-dry	1	2/26/2020
Carbon tetrachloride	ND	0.0053		mg/Kg-dry	1	2/26/2020
Chlorobenzene	ND	0.0053		mg/Kg-dry	1	2/26/2020
Chloroethane	ND	0.011		mg/Kg-dry	1	2/26/2020
Chloroform	ND	0.0053		mg/Kg-dry	1	2/26/2020
Chloromethane	ND	0.011		mg/Kg-dry	1	2/26/2020
Dibromochloromethane	ND	0.0053		mg/Kg-dry	1	2/26/2020
1,1-Dichloroethane	ND	0.0053		mg/Kg-dry	1	2/26/2020
1,2-Dichloroethane	ND	0.0053		mg/Kg-dry	1	2/26/2020
1,1-Dichloroethene	ND	0.0053		mg/Kg-dry	1	2/26/2020
cis-1,2-Dichloroethene	ND	0.0053		mg/Kg-dry	1	2/26/2020
trans-1,2-Dichloroethene	ND	0.0053		mg/Kg-dry	1	2/26/2020
1,2-Dichloropropane	ND	0.0053		mg/Kg-dry	1	2/26/2020
cis-1,3-Dichloropropene	ND	0.0021		mg/Kg-dry	1	2/26/2020
trans-1,3-Dichloropropene	ND	0.0021		mg/Kg-dry	1	2/26/2020
Ethylbenzene	ND	0.0053		mg/Kg-dry	1	2/26/2020
2-Hexanone	ND	0.021		mg/Kg-dry	1	2/26/2020
4-Methyl-2-pentanone	ND	0.021		mg/Kg-dry	1	2/26/2020
Methylene chloride	ND	0.011		mg/Kg-dry	1	2/26/2020
Methyl tert-butyl ether	ND	0.0053		mg/Kg-dry	1	2/26/2020
Styrene	ND	0.0053		mg/Kg-dry	1	2/26/2020
1,1,2,2-Tetrachloroethane	ND	0.0053		mg/Kg-dry	1	2/26/2020
Tetrachloroethene	ND	0.0053		mg/Kg-dry	1	2/26/2020
Toluene	ND	0.0053		mg/Kg-dry	1	2/26/2020
1,1,1-Trichloroethane	ND	0.0053		mg/Kg-dry	1	2/26/2020
1,1,2-Trichloroethane	ND	0.0053		mg/Kg-dry	1	2/26/2020
Trichloroethene	ND	0.0053		mg/Kg-dry	1	2/26/2020
Vinyl chloride	ND	0.0053		mg/Kg-dry	1	2/26/2020
Xylenes, Total	ND	0.016		mg/Kg-dry	1	2/26/2020
<b>Semivolatile Organic Compounds by GC/MS</b>		<b>SW8270D (SW3550B)</b>		Prep Date: <b>2/20/2020</b>		Analyst: <b>TEM</b>
Acenaphthene	ND	0.038		mg/Kg-dry	1	2/21/2020
Acenaphthylene	ND	0.038		mg/Kg-dry	1	2/21/2020

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

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

**STAT Analysis Corporation**

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

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

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

Date Reported: March 12, 2020

Date Printed: March 12, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-DUP3

Work Order: 20020495 Revision 0

Collection Date: 2/17/2020

Project: 81.0220509.75, WO #37, Elk Grove

Matrix: Soil

Lab ID: 20020495-034

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Semivolatile Organic Compounds by GC/MS</b>	<b>SW8270D (SW3550B)</b>				Prep Date: 2/20/2020	Analyst: TEM
Aniline	ND	0.39		mg/Kg-dry	1	2/21/2020
Anthracene	0.075	0.038		mg/Kg-dry	1	2/21/2020
Benz(a)anthracene	0.43	0.038		mg/Kg-dry	1	2/21/2020
Benzidine	ND	0.38		mg/Kg-dry	1	2/21/2020
Benzo(a)pyrene	0.42	0.038		mg/Kg-dry	1	2/21/2020
Benzo(b)fluoranthene	0.38	0.038		mg/Kg-dry	1	2/21/2020
Benzo(g,h,i)perylene	0.35	0.038		mg/Kg-dry	1	2/21/2020
Benzo(k)fluoranthene	0.31	0.038		mg/Kg-dry	1	2/21/2020
Benzoic acid	ND	0.97		mg/Kg-dry	1	2/21/2020
Benzyl alcohol	ND	0.20		mg/Kg-dry	1	2/21/2020
Bis(2-chloroethoxy)methane	ND	0.20		mg/Kg-dry	1	2/21/2020
Bis(2-chloroethyl)ether	ND	0.20		mg/Kg-dry	1	2/21/2020
Bis(2-ethylhexyl)phthalate	ND	0.97		mg/Kg-dry	1	2/21/2020
4-Bromophenyl phenyl ether	ND	0.20		mg/Kg-dry	1	2/21/2020
Butyl benzyl phthalate	ND	0.20		mg/Kg-dry	1	2/21/2020
Carbazole	ND	0.20		mg/Kg-dry	1	2/21/2020
4-Chloroaniline	ND	0.20		mg/Kg-dry	1	2/21/2020
4-Chloro-3-methylphenol	ND	0.38		mg/Kg-dry	1	2/21/2020
2-Chloronaphthalene	ND	0.20		mg/Kg-dry	1	2/21/2020
2-Chlorophenol	ND	0.20		mg/Kg-dry	1	2/21/2020
4-Chlorophenyl phenyl ether	ND	0.20		mg/Kg-dry	1	2/21/2020
Chrysene	0.43	0.038		mg/Kg-dry	1	2/21/2020
Dibenz(a,h)anthracene	0.17	0.038		mg/Kg-dry	1	2/21/2020
Dibenzofuran	ND	0.20		mg/Kg-dry	1	2/21/2020
1,2-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	2/21/2020
1,3-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	2/21/2020
1,4-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	2/21/2020
3,3'-Dichlorobenzidine	ND	0.20		mg/Kg-dry	1	2/21/2020
2,4-Dichlorophenol	ND	0.20		mg/Kg-dry	1	2/21/2020
Diethyl phthalate	ND	0.20		mg/Kg-dry	1	2/21/2020
2,4-Dimethylphenol	ND	0.20		mg/Kg-dry	1	2/21/2020
Dimethyl phthalate	ND	0.20		mg/Kg-dry	1	2/21/2020
4,6-Dinitro-2-methylphenol	ND	0.38		mg/Kg-dry	1	2/21/2020
2,4-Dinitrophenol	ND	0.97		mg/Kg-dry	1	2/21/2020
2,4-Dinitrotoluene	ND	0.038		mg/Kg-dry	1	2/21/2020
2,6-Dinitrotoluene	ND	0.038		mg/Kg-dry	1	2/21/2020
Di-n-butyl phthalate	ND	0.20		mg/Kg-dry	1	2/21/2020
Di-n-octyl phthalate	ND	0.20		mg/Kg-dry	1	2/21/2020

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

**Qualifiers:**

J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded

**STAT Analysis Corporation**

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

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

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

Date Reported: March 12, 2020

Date Printed: March 12, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-DUP3

Work Order: 20020495 Revision 0

Collection Date: 2/17/2020

Project: 81.0220509.75, WO #37, Elk Grove

Matrix: Soil

Lab ID: 20020495-034

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Semivolatile Organic Compounds by GC/MS</b>		<b>SW8270D (SW3550B)</b>		Prep Date: 2/20/2020		Analyst: TEM
Fluoranthene	0.81	0.038		mg/Kg-dry	1	2/21/2020
Fluorene	ND	0.038		mg/Kg-dry	1	2/21/2020
Hexachlorobenzene	ND	0.20		mg/Kg-dry	1	2/21/2020
Hexachlorobutadiene	ND	0.20		mg/Kg-dry	1	2/21/2020
Hexachlorocyclopentadiene	ND	0.20		mg/Kg-dry	1	2/21/2020
Hexachloroethane	ND	0.20		mg/Kg-dry	1	2/21/2020
Indeno(1,2,3-cd)pyrene	0.26	0.038		mg/Kg-dry	1	2/21/2020
Isophorone	ND	0.20		mg/Kg-dry	1	2/21/2020
2-Methylnaphthalene	ND	0.20		mg/Kg-dry	1	2/21/2020
2-Methylphenol	ND	0.20		mg/Kg-dry	1	2/21/2020
4-Methylphenol	ND	0.20		mg/Kg-dry	1	2/21/2020
Naphthalene	ND	0.038		mg/Kg-dry	1	2/21/2020
2-Nitroaniline	ND	0.20		mg/Kg-dry	1	2/21/2020
3-Nitroaniline	ND	0.20		mg/Kg-dry	1	2/21/2020
4-Nitroaniline	ND	0.20		mg/Kg-dry	1	2/21/2020
2-Nitrophenol	ND	0.20		mg/Kg-dry	1	2/21/2020
4-Nitrophenol	ND	0.38		mg/Kg-dry	1	2/21/2020
Nitrobenzene	ND	0.038		mg/Kg-dry	1	2/21/2020
N-Nitrosodi-n-propylamine	ND	0.038		mg/Kg-dry	1	2/21/2020
N-Nitrosodimethylamine	ND	0.20		mg/Kg-dry	1	2/21/2020
N-Nitrosodiphenylamine	ND	0.038		mg/Kg-dry	1	2/21/2020
2, 2'-oxybis(1-Chloropropane)	ND	0.20		mg/Kg-dry	1	2/21/2020
Pentachlorophenol	ND	0.038		mg/Kg-dry	1	2/21/2020
Phenanthrene	0.22	0.038		mg/Kg-dry	1	2/21/2020
Phenol	ND	0.20		mg/Kg-dry	1	2/21/2020
Pyrene	0.69	0.038		mg/Kg-dry	1	2/21/2020
Pyridine	ND	0.78		mg/Kg-dry	1	2/21/2020
1,2,4-Trichlorobenzene	ND	0.20		mg/Kg-dry	1	2/21/2020
2,4,5-Trichlorophenol	ND	0.20		mg/Kg-dry	1	2/21/2020
2,4,6-Trichlorophenol	ND	0.20		mg/Kg-dry	1	2/21/2020
<b>Metals by ICP/MS</b>		<b>SW6020A (SW3050B)</b>		Prep Date: 2/24/2020		Analyst: JG
Antimony	ND	2.0		mg/Kg-dry	10	2/24/2020
Arsenic	8.3	1.0		mg/Kg-dry	10	2/24/2020
Barium	83	1.0		mg/Kg-dry	10	2/24/2020
Beryllium	0.80	0.51		mg/Kg-dry	10	2/24/2020
Cadmium	ND	0.51		mg/Kg-dry	10	2/24/2020
Calcium	61000	61		mg/Kg-dry	10	2/24/2020
Chromium	22	1.0		mg/Kg-dry	10	2/24/2020

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers: J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded

**STAT Analysis Corporation**

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

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

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

Date Reported: March 12, 2020

Date Printed: March 12, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-DUP3

Work Order: 20020495 Revision 0

Collection Date: 2/17/2020

Project: 81.0220509.75, WO #37, Elk Grove

Matrix: Soil

Lab ID: 20020495-034

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Metals by ICP/MS</b>		<b>SW6020A (SW3050B)</b>		Prep Date: <b>2/24/2020</b>		Analyst: <b>JG</b>
Cobalt	11	1.0		mg/Kg-dry	10	2/24/2020
Copper	110	2.6		mg/Kg-dry	10	2/24/2020
Iron	24000	31		mg/Kg-dry	10	2/24/2020
Lead	29	0.51		mg/Kg-dry	10	2/24/2020
Magnesium	29000	31		mg/Kg-dry	10	2/24/2020
Manganese	620	1.0		mg/Kg-dry	10	2/24/2020
Nickel	27	1.0		mg/Kg-dry	10	2/24/2020
Potassium	2000	31		mg/Kg-dry	10	2/24/2020
Selenium	ND	1.0		mg/Kg-dry	10	2/24/2020
Silver	ND	1.0		mg/Kg-dry	10	2/24/2020
Sodium	1400	61		mg/Kg-dry	10	2/24/2020
Thallium	ND	1.0		mg/Kg-dry	10	2/24/2020
Vanadium	28	1.0		mg/Kg-dry	10	2/24/2020
Zinc	52	5.1		mg/Kg-dry	10	2/24/2020
<b>SPLP Metals by ICP/MS</b>		<b>SW1312/6020A (SW3005A)</b>		Prep Date: <b>2/21/2020</b>		Analyst: <b>MDT</b>
Arsenic	ND	0.0040		mg/L	2	2/22/2020
Barium	ND	0.020		mg/L	2	2/22/2020
Beryllium	ND	0.0020		mg/L	2	2/24/2020
Cadmium	ND	0.0020		mg/L	2	2/22/2020
Chromium	0.0060	0.0040		mg/L	2	2/22/2020
Cobalt	ND	0.0040		mg/L	2	2/22/2020
Copper	ND	0.040		mg/L	2	2/22/2020
Iron	5.3	0.10		mg/L	2	2/22/2020
Lead	0.0055	0.0020		mg/L	2	2/22/2020
Manganese	0.025	0.0040		mg/L	2	2/22/2020
Nickel	0.0057	0.0040		mg/L	2	2/22/2020
Selenium	ND	0.0040		mg/L	2	2/22/2020
Silver	ND	0.0040		mg/L	2	2/22/2020
Zinc	0.026	0.020		mg/L	2	2/22/2020
<b>TCLP Metals by ICP/MS</b>		<b>SW1311/6020A (SW3005A)</b>		Prep Date: <b>2/24/2020</b>		Analyst: <b>MDT</b>
Arsenic	ND	0.010		mg/L	5	2/25/2020
Barium	0.50	0.050		mg/L	5	2/25/2020
Beryllium	ND	0.0050		mg/L	5	2/25/2020
Cadmium	ND	0.0050		mg/L	5	2/25/2020
Chromium	ND	0.010		mg/L	5	2/25/2020
Cobalt	ND	0.010		mg/L	5	2/25/2020
Copper	ND	0.10		mg/L	5	2/25/2020

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

**Qualifiers:**

J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded

**STAT Analysis Corporation**

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

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

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

Date Reported: March 12, 2020

Date Printed: March 12, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-DUP3

Work Order: 20020495 Revision 0

Collection Date: 2/17/2020

Project: 81.0220509.75, WO #37, Elk Grove

Matrix: Soil

Lab ID: 20020495-034

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>TCLP Metals by ICP/MS</b>	<b>SW1311/6020A (SW3005A)</b>			Prep Date: <b>2/24/2020</b>		Analyst: <b>MDT</b>
Iron	ND	0.25		mg/L	5	2/25/2020
Lead	ND	0.0050		mg/L	5	2/25/2020
Manganese	0.85	0.010		mg/L	5	2/25/2020
Nickel	ND	0.010		mg/L	5	2/25/2020
Selenium	ND	0.010		mg/L	5	2/25/2020
Silver	ND	0.010		mg/L	5	2/25/2020
Zinc	ND	0.050		mg/L	5	2/25/2020
<b>TCLP Mercury</b>	<b>SW1311/7470A</b>			Prep Date: <b>2/28/2020</b>		Analyst: <b>LB</b>
Mercury	ND	0.00020		mg/L	1	3/2/2020
<b>SPLP Mercury</b>	<b>SW1312/7470A</b>			Prep Date: <b>2/28/2020</b>		Analyst: <b>LB</b>
Mercury	ND	0.00020		mg/L	1	3/2/2020
<b>Mercury</b>	<b>SW7471B</b>			Prep Date: <b>3/10/2020</b>		Analyst: <b>LB</b>
Mercury	0.025	0.023		mg/Kg-dry	1	3/11/2020
<b>pH (25 °C)</b>	<b>SW9045C</b>			Prep Date: <b>2/25/2020</b>		Analyst: <b>FN</b>
pH	8.38			pH Units	1	2/25/2020
<b>Percent Moisture</b>	<b>D2974</b>			Prep Date: <b>2/19/2020</b>		Analyst: <b>FN</b>
Percent Moisture	15.0	0.2	*	wt%	1	2/20/2020

**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

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

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

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

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

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

### I. Source Location Information

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

Project Name: FAP 341 Oakton St to IL 83 and at IL 83/Busse Rd Office Phone Number, if available: 847-705-4122

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

2360V2-1 (1200 block of Oakton St), 2360V2-4 (1313-1315 Oakton St), 2360V2-7 (1445 Oakton St), 2360V2-8 (1501 Oakton St), DUP-5 (1501 Oakton St), 2360V2-9 (1500 block of Oakton St), 2360V2-11 (1550 Higgins Rd), 2360V2-14 (1600 Oakton St), 2360V2-15 (1700-1706 Oakton St), 2360V2-16 (300 Busse Rd), and 2360V2-26 (1907 Oakton St).

City: Elk Grove Village State: IL Zip Code: 60007

County: Cook Township: Elk Grove

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

Latitude: 42.02244 Longitude: - 87.96083

(Decimal Degrees) (-Decimal Degrees)

Identify how the lat/long data were determined:

GPS  Map Interpolation  Photo Interpolation  Survey  Other

Google Earth - Approximate center of multiple addresses

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

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

Estimated Volume of debris (cu. Yd.): 620 CY

### 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: 847-705-4122

Contact: Irma Romiti-Johnson

Email, if available: Irma.Romiti-Johnson@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: 847-705-4122

Contact: Irma Romiti-Johnson

Email, if available: Irma.Romiti-Johnson@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.



Uncontaminated Soil Certification

**III. Basis for Certification and Attachments**

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

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

Refer to Fig 4-1 in the Final PSI Rpt and borings 2360V2-1-01 (Oakton Street 64+00 110 Left), 2360V2-1-02 (Oakton Street 63+00 60 Left), 2360V2-4-01 (Oakton Street 55+00 50 Right), 2360V2-7-01 (Oakton Street 60+00 55 Right), 2360V2-8-03 (Oakton Street 65+00 65 Right), DUP-5 (Oakton Street 65+00 65 Right), 2360V2-8-04 (Oakton Street 66+00 65 Right), 2360V2-9-02 (Oakton Street 65+10 65 Left), 2360V2-11-01 (Oakton Street 67+50 70 Left), 2360V2-14-02 (Busse Road 38+50 95 Left), 2360V2-14-03 (Oakton Street 71+50 70 Left), 2360V2-14-05 (Oakton Street 69+50 70 Left), 2360V2-14-06 (Oakton Street 68+50 70 Left), 2360V2-15-01 (Busse Road 37+50 70 Left), 2360V2-16-02 (Oakton Street 71+00 70 Right), 2360V2-16-03 (Oakton Street 72+00 70 Right), 2360V2-26-01 (Higgins Road 148+35 40 Right).

- 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 Analysis Corporation report #20020373, #20020495, and #20020556. 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)

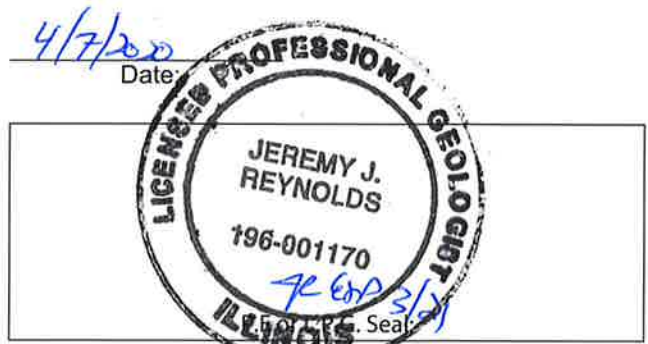
certify under penalty of law that the information submitted, including but not limited to, all attachments and other information, is to the best of my knowledge and belief, true, accurate and complete. In accordance with the Environmental Protection Act [415 ILCS 5/22.51 or 22.51a] and 35 Ill. Adm. Code 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.

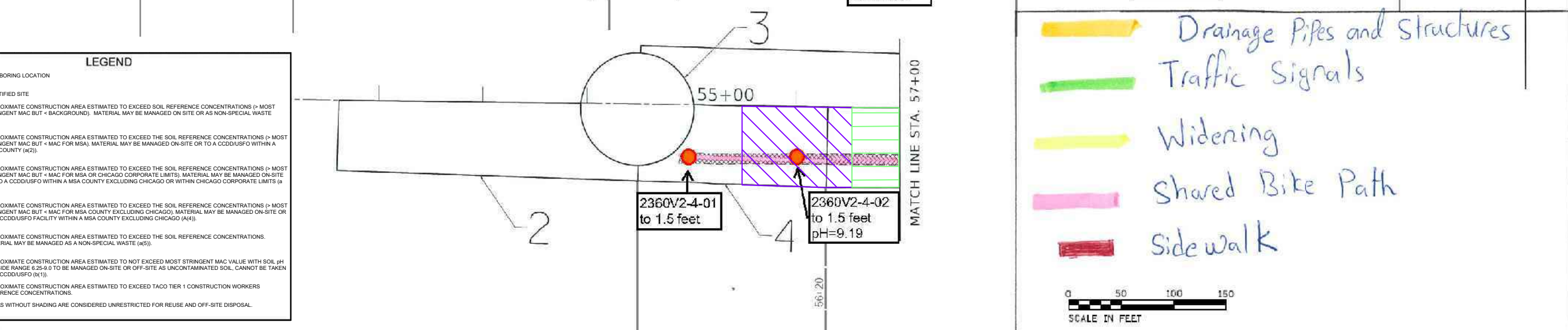
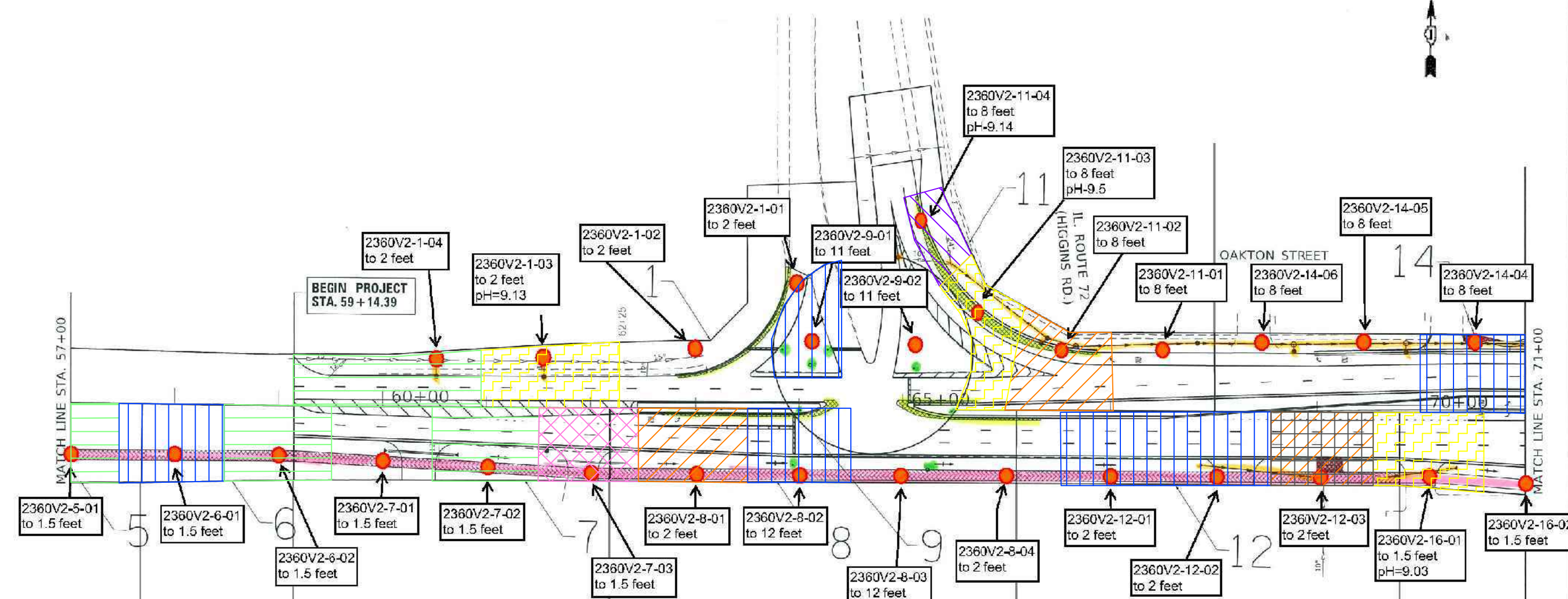
**Any person who knowingly makes a false, fictitious, or fraudulent material statement, orally or in writing, to the Illinois EPA commits a Class 4 felony. A second or subsequent offense after conviction is a Class 3 felony. (415 ILCS 5/44(h))**

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

Jeremy J. Reynolds, P.G.  
Printed Name:

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





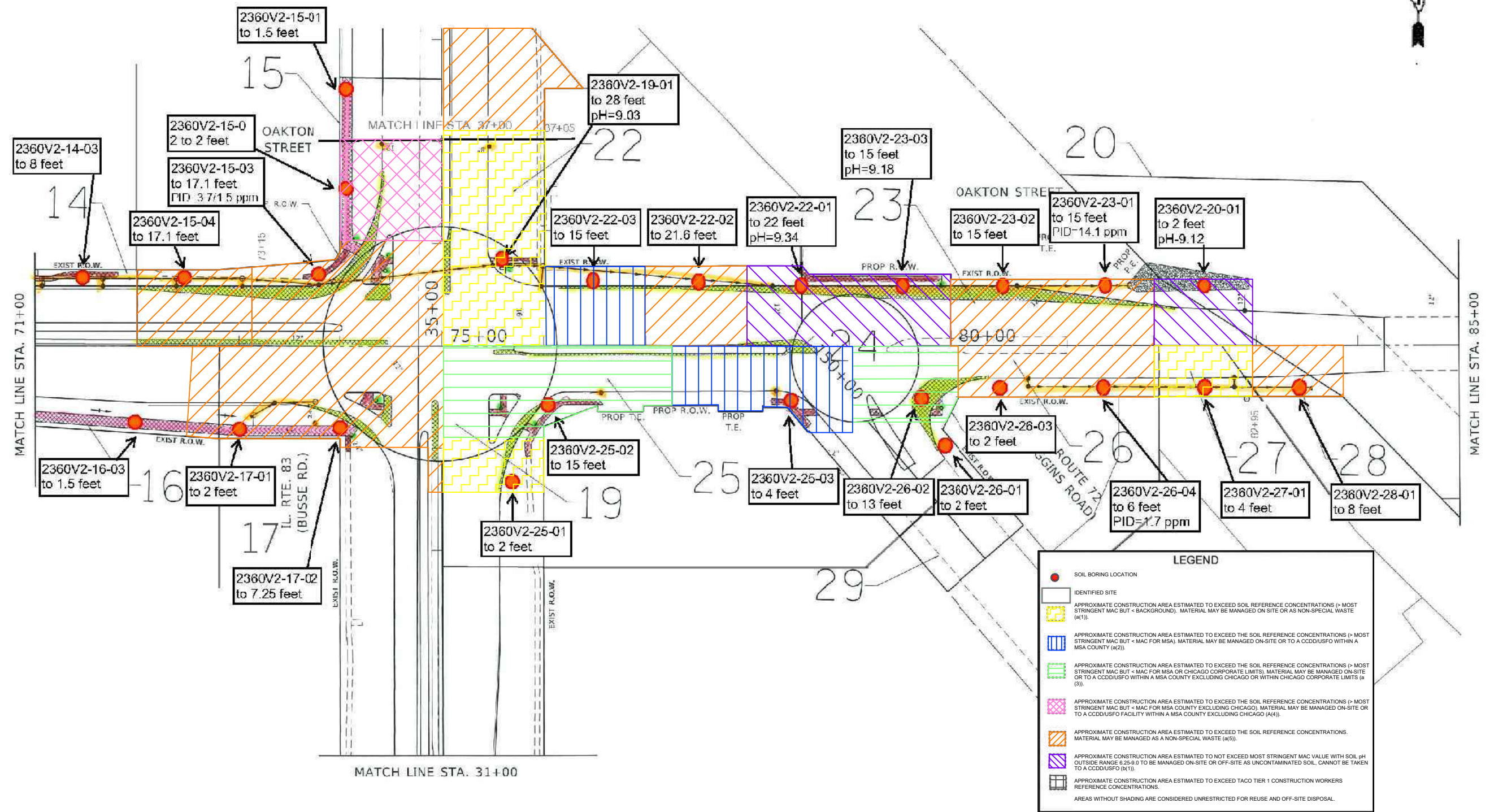
**LEGEND**

- SOIL BORING LOCATION
- IDENTIFIED SITE
- 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 CCDDUSFO 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 CCDDUSFO 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 CCDDUSFO 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 CCDDUSFO (B(1)).
- APPROXIMATE CONSTRUCTION AREA ESTIMATED TO EXCEED TACO TIER 1 CONSTRUCTION WORKERS REFERENCE CONCENTRATIONS.
- AREAS WITHOUT SHADING ARE CONSIDERED UNRESTRICTED FOR REUSE AND OFF-SITE DISPOSAL.

USER NAME	DESIGNED	REVISION
PLOT SCALE	DRAWN	REVISION
PLT DATE	CHECKED	REVISION
	DATE	REVISION

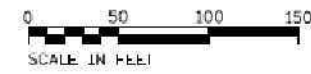
**FIGURE 4-1.1 Extent of Potentially Impacted Soil**  
**Huff & Huff, Inc. WO #37A**

IL. ROUTE 72 (OAKTON AVE.) AT IL. ROUTE 83 (BUSSE RD.)		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ESTIMATED EARTH EXCAVATION LOCATIONS		341	2011-019-TS	COCK	4	1
SCALE: SHEET OF SHEETS S.A. TC STA.		CONTRACT NO. 60P14				
IL-0165 FED. AID PROJECT						



**LEGEND**

- SOIL BORING LOCATION
- IDENTIFIED SITE
- 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 (#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 CCDDUSFO WITHIN A MSA COUNTY (#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 CCDDUSFO WITHIN A MSA COUNTY EXCLUDING CHICAGO OR WITHIN CHICAGO CORPORATE LIMITS (#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 CCDDUSFO FACILITY WITHIN A MSA COUNTY EXCLUDING CHICAGO (#4).
- APPROXIMATE CONSTRUCTION AREA ESTIMATED TO EXCEED THE SOIL REFERENCE CONCENTRATIONS. MATERIAL MAY BE MANAGED AS A NON-SPECIAL WASTE (#5).
- APPROXIMATE CONSTRUCTION AREA ESTIMATED TO NOT EXCEED MOST STRINGENT MAC VALUE WITH SOIL pH OUTSIDE RANGE 6.25-8.8 TO BE MANAGED ON-SITE OR OFF-SITE AS UNCONTAMINATED SOIL. CANNOT BE TAKEN TO A CCDDUSFO (#6).
- APPROXIMATE CONSTRUCTION AREA ESTIMATED TO EXCEED TACO TIER 1 CONSTRUCTION WORKERS REFERENCE CONCENTRATIONS.
- AREAS WITHOUT SHADING ARE CONSIDERED UNRESTRICTED FOR REUSE AND OFF-SITE DISPOSAL.



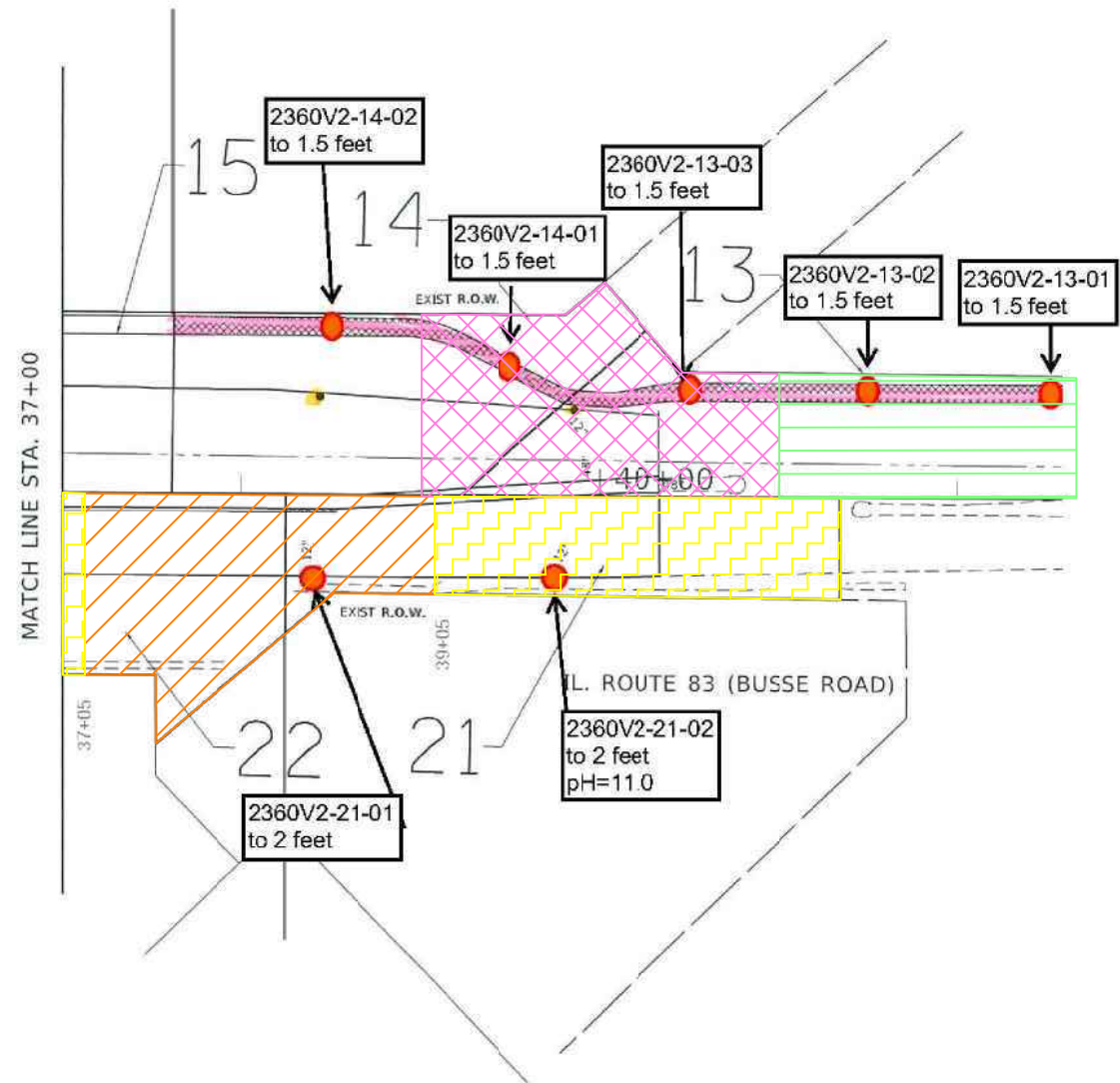
USER: JHE	DESIGNED: -	REVISED: -
DRAWN: -	REVISED: -	REVISED: -
CHECKED: -	REVISED: -	REVISED: -
DATE: 9/27/2013	DATE: -	REVISED: -

**FIGURE 4-1.2 Extent of Potentially Impacted Soil  
Huff & Huff, Inc. WO #37A**

**IL. ROUTE 72 (OAKTON AVE.) AT IL. ROUTE 83 (BUSSE RD.)  
ESTIMATED EARTH EXCAVATION LOCATIONS**

F.A.P. NO. 341	SECTION 1211-019-T5	COUNTY COOK	TOTAL SHEETS 4	SHEET NO. 2
SCALE: SHEET OF SHEETS STA. TO STA.			CONTRACT NO. 60P14	

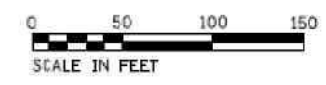
HUFF & HUFF, INC. 11111 S. HARVEY AVE. CHICAGO, IL 60628  
 FILE NAME: \\huff\huff\proj\13\130901\130901.dwg  
 PLOT DATE: 9/27/2013



**LEGEND**

- SOIL BORING LOCATION
- IDENTIFIED SITE
- 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 CCDD/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 CCDD/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 CCDD/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 CCDD/USFO (b(1)).
- APPROXIMATE CONSTRUCTION AREA ESTIMATED TO EXCEED TACO TIER 1 CONSTRUCTION WORKERS REFERENCE CONCENTRATIONS.

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



PROJECT: 60610101; FILE: 2011-019-TS; USER: jhuff; DATE: 5/27/2019

USER NAME	= jhuff	DESIGNED	-	REVISED	-
DRAWN	-	CHECKED	-	REVISED	-
PLOT SCALE	= 100.0000' / in.	DATE	-	REVISED	-
PLOT DATE	= 5/27/2019				

**FIGURE 4-1.3 Extent of Potentially Impacted Soil  
Huff & Huff, Inc. WO #37A**

<b>IL. ROUTE 72 (OAKTON AVE.) AT IL ROUTE 83 (BUSSE RD.)</b>	
<b>ESTIMATED EARTH EXCAVATION LOCATIONS</b>	
SCALE:	SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
341	2011-019-TS	COOK	4	4
CONTRACT NO. 6CP14				

LPC-663 Results  
Soils for Unrestricted Reuse or Disposal at CCDD Facilities  
IDOT, District One  
IL Rt 72 (Higgins Rd), at IL 83 and Oakton Street, Elk Grove, Cook County, Illinois  
BDE Sequence No.: 16363A  
PTB: 178-008 / H-1, Work Order No.: 037A

Boring ID Sample Depth, ft Sample Date Excavation Area(s) [ISGS Site No. (s)]	Soil Reference Concentrations <sup>iv</sup>	Soil Remediation Objective for Construction Workers <sup>iv</sup>	Soil Remediation Objective for Residential Exposure <sup>iv</sup>	2360V2-1-01	2360V2-1-02	2360V2-4-01	2360V2-7-01	2360V2-8-03	2360V2-8-03	DUP-5 (2360V2-8-03)	2360V2-8-03	2360V2-8-04	2360V2-9-02	2360V2-9-02	2360V2-11-01	2360V2-11-01	2360V2-14-02	2360V2-14-03	2360V2-14-03	2360V2-14-05	2360V2-14-05	2360V2-14-06	2360V2-14-06	2360V2-15-01	2360V2-16-02	2360V2-16-03	2360V2-26-01				
				(0-2)	(0-2)	(0-1.5)	(0-1.5)	(0-5)	(5-10)	(5-10)	(10-12)	(0-2)	(0-5)	(5-11)	(0-4)	(4-8)	(0-1.5)	(0-4)	(4-8)	(0-4)	(4-8)	(0-4)	(4-8)	(0-4)	(4-8)	(0-1.5)	(0-1.5)	(0-1.5)	(0-2)		
				2/17/2020	2/17/2020	2/17/2020	2/17/2020	2/17/2020	2/17/2020	2/17/2020	2/17/2020	2/17/2020	2/17/2020	2/17/2020	2/17/2020	2/17/2020	2/17/2020	2/12/2020	2/12/2020	2/12/2020	2/12/2020	2/12/2020	2/12/2020	2/12/2020	2/12/2020	2/12/2020	2/12/2020	2/12/2020	2/12/2020	2/12/2020	
				2360V2-1	2360V2-4	2360V2-7	2360V2-8				2360V2-9				2360V2-11				2360V2-14				2360V2-15	2360V2-16							
Parameter	6.25 - 9.0	---	---	8.59	8.49	8.77	7.97	8.12	8.38	8.62	8.72	8.06	8.11	8.51	8.88	8.88	8.21	8.65	8.69	8.63	8.94	8.09	8.21	7.98	8.12	8	8.52				
Laboratory soil pH (s.u.)																															
VOCs, mg/kg																															
Acetone	25	100,000	70,000	< 0.083	<b>0.098</b>	< 0.069	< 0.087	< 0.064	< 0.11	<b>0.073</b>	< 0.076	< 0.075	< 0.14	< 0.084	< 0.065	< 0.098	< 0.11	< 0.081	< 0.098	< 0.091	< 0.089	< 0.089	< 0.075	< 0.078	< 0.10	< 0.097	< 0.069				
SVOCS, mg/kg																															
Benz(a)anthracene	0.9 / 1.1 / 1.8	170	0.9	< 0.042	< 0.043	< 0.038	<b>0.047</b>	< 0.040	< 0.038	< 0.039	< 0.038	< 0.037	< 0.038	< 0.038	< 0.038	< 0.038	<b>0.062</b>	< 0.038	< 0.039	< 0.041	< 0.038	< 0.039	< 0.041	< 0.040	< 0.042	< 0.036	< 0.040				
Benz(a)pyrene	0.09 / 1.3 / 2.1	17	0.09	< 0.042	< 0.043	< 0.038	<b>0.05</b>	< 0.040	< 0.038	< 0.039	< 0.038	< 0.037	< 0.038	< 0.038	< 0.038	< 0.038	<b>0.07</b>	< 0.038	< 0.039	< 0.041	< 0.038	< 0.039	< 0.041	< 0.040	< 0.042	< 0.036	< 0.040				
Benz(b)fluoranthene	0.9 / 1.5 / 2.1	170	0.9	< 0.042	< 0.043	< 0.038	<b>0.052</b>	< 0.040	< 0.038	< 0.039	< 0.038	< 0.037	< 0.038	< 0.038	< 0.038	< 0.038	<b>0.097</b>	< 0.038	< 0.039	< 0.041	< 0.038	< 0.039	< 0.041	< 0.040	< 0.042	< 0.036	< 0.040				
Benz(g,h,i)perylene	---	---	---	< 0.042	< 0.043	< 0.038	< 0.044	< 0.040	< 0.038	< 0.039	< 0.038	< 0.037	< 0.038	< 0.038	< 0.038	< 0.038	<b>0.06</b>	< 0.038	< 0.039	< 0.041	< 0.038	< 0.039	< 0.041	< 0.040	< 0.042	< 0.036	< 0.040				
Chrysene	88	17000	88	< 0.042	< 0.043	< 0.038	< 0.044	< 0.040	< 0.038	< 0.039	< 0.038	< 0.037	< 0.038	< 0.038	< 0.038	< 0.038	<b>0.067</b>	< 0.038	< 0.039	< 0.041	< 0.038	< 0.039	< 0.041	< 0.040	< 0.042	< 0.036	< 0.040				
Fluoranthene	3,100	82,000	3,100	< 0.042	<b>0.048</b>	< 0.038	<b>0.094</b>	< 0.040	< 0.038	< 0.039	< 0.038	< 0.037	< 0.038	< 0.038	< 0.038	< 0.038	<b>0.11</b>	< 0.038	< 0.039	<b>0.041</b>	< 0.038	< 0.039	< 0.041	< 0.040	< 0.042	< 0.036	< 0.040				
Indeno(1,2,3-cd)pyrene	0.9 / 0.9 / 1.6	170	0.9	< 0.042	< 0.043	< 0.038	< 0.044	< 0.040	< 0.038	< 0.039	< 0.038	< 0.037	< 0.038	< 0.038	< 0.038	< 0.038	<b>0.05</b>	< 0.038	< 0.039	< 0.041	< 0.038	< 0.039	< 0.041	< 0.040	< 0.042	< 0.036	< 0.040				
Phenanthrene	---	---	---	< 0.042	< 0.043	< 0.038	< 0.044	< 0.040	< 0.038	< 0.039	< 0.038	< 0.037	< 0.038	< 0.038	< 0.038	< 0.038	<b>0.046</b>	< 0.038	< 0.039	< 0.041	< 0.038	< 0.039	< 0.041	< 0.040	< 0.042	< 0.036	< 0.040				
Pyrene	2,300	61000	2300	< 0.042	<b>0.044</b>	< 0.038	<b>0.067</b>	< 0.040	< 0.038	< 0.039	< 0.038	< 0.037	< 0.038	< 0.038	< 0.038	< 0.038	<b>0.11</b>	< 0.038	< 0.039	< 0.041	< 0.038	< 0.039	< 0.041	< 0.040	< 0.042	< 0.036	< 0.040				
Total Metals, mg/kg																															
Antimony	5	82	31	< 2.3	< 2.4	< 2.0	< 2.4	< 2.1	< 1.9	< 2.0	< 2.0	< 2.1	< 2.0	< 2.0	< 2.0	< 2.2	< 2.1	< 2.1	< 2.2	< 2.1	< 2.1	< 2.3	< 2.1	< 2.2	< 1.9	< 2.2					
Arsenic	11.3 / 13	61	13	<b>9.2</b>	<b>6.6</b>	<b>4.8</b>	<b>9.3</b>	<b>7.2</b>	<b>7.6</b>	<b>6.7</b>	<b>7.4</b>	<b>8.4</b>	<b>10</b>	<b>7.6</b>	<b>8.9</b>	<b>6.9</b>	<b>8.5</b>	<b>6.4</b>	<b>9.1</b>	<b>7.7</b>	<b>7.6</b>	<b>3.8</b>	<b>8</b>	<b>10</b>	<b>7</b>	<b>9</b>	<b>6</b>				
Barium	1,500	14,000	5500	<b>80</b>	<b>110</b>	<b>63</b>	<b>99</b>	<b>110</b>	<b>37</b>	<b>48</b>	<b>38</b>	<b>56</b>	<b>74</b>	<b>48</b>	<b>75</b>	<b>63</b>	<b>140</b>	<b>74</b>	<b>53</b>	<b>100</b>	<b>41</b>	<b>37</b>	<b>80</b>	<b>160</b>	<b>120</b>	<b>35</b>	<b>66</b>				
Beryllium	22	410	160	<b>0.88</b>	<b>0.87</b>	<b>0.55</b>	<b>0.91</b>	<b>0.99</b>	<b>0.54</b>	<b>0.67</b>	<b>0.50</b>	<b>0.61</b>	<b>0.83</b>	<b>0.63</b>	<b>0.51</b>	<b>0.72</b>	<b>0.52</b>	<b>0.62</b>	<b>0.53</b>	<b>0.62</b>	<b>0.52</b>	<b>0.57</b>	<b>0.67</b>	<b>1</b>	<b>0.57</b>	<b>0.71</b>	<b>0.57</b>	<b>0.71</b>			
Cadmium	5.2	200	78	< 0.58	< 0.60	< 0.50	< 0.61	< 0.52	< 0.48	< 0.50	< 0.50	< 0.52	< 0.49	< 0.51	< 0.54	< 0.53	< 0.54	< 0.53	< 0.54	< 0.53	< 0.53	< 0.57	< 0.53	< 0.71	< 0.47	< 0.54					
Calcium	---	---	---	<b>4700</b>	<b>7100</b>	<b>62000</b>	<b>6600</b>	<b>7200</b>	<b>70000</b>	<b>63000</b>	<b>68000</b>	<b>60000</b>	<b>38000</b>	<b>60000</b>	<b>83000</b>	<b>100000</b>	<b>83000</b>	<b>25000</b>	<b>90000</b>	<b>72000</b>	<b>29000</b>	<b>65000</b>	<b>95000</b>	<b>74000</b>	<b>23000</b>	<b>6400</b>	<b>63000</b>	<b>57000</b>			
Chromium	21	690	230	<b>21</b>	<b>17</b>	<b>23</b>	<b>25</b>	<b>17</b>	<b>22</b>	<b>18</b>	<b>22</b>	<b>19</b>	<b>22</b>	<b>19</b>	<b>23</b>	<b>22</b>	<b>19</b>	<b>23</b>	<b>21</b>	<b>24</b>	<b>14</b>	<b>20</b>	<b>22</b>	<b>24</b>	<b>17</b>	<b>27</b>					
Cobalt	20	12,000	4700	<b>10</b>	<b>7.9</b>	<b>7.5</b>	<b>14</b>	<b>13</b>	<b>6.5</b>	<b>8.3</b>	<b>6.5</b>	<b>11</b>	<b>13</b>	<b>9.1</b>	<b>15</b>	<b>11</b>	<b>13</b>	<b>8.4</b>	<b>12</b>	<b>11</b>	<b>12</b>	<b>7.7</b>	<b>11</b>	<b>14</b>	<b>10</b>	<b>12</b>	<b>12</b>				
Copper	2,900	8,200	2900	<b>22</b>	<b>21</b>	<b>20</b>	<b>23</b>	<b>27</b>	<b>23</b>	<b>20</b>	<b>22</b>	<b>24</b>	<b>25</b>	<b>20</b>	<b>22</b>	<b>24</b>	<b>25</b>	<b>20</b>	<b>22</b>	<b>28</b>	<b>22</b>	<b>9.6</b>	<b>20</b>	<b>24</b>	<b>26</b>	<b>26</b>	<b>23</b>				
Iron	15,000 / 15,900	---	---	<b>21000</b>	<b>21000</b>	<b>16000</b>	<b>26000</b>	<b>26000</b>	<b>20000</b>	<b>21000</b>	<b>19000</b>	<b>22000</b>	<b>26000</b>	<b>21000</b>	<b>23000</b>	<b>22000</b>	<b>24000</b>	<b>22000</b>	<b>24000</b>	<b>22000</b>	<b>24000</b>	<b>25000</b>	<b>22000</b>	<b>13000</b>	<b>20000</b>	<b>26000</b>	<b>22000</b>	<b>25000</b>			
Lead	107	700	400	<b>24</b>	<b>30</b>	<b>33</b>	<b>21</b>	<b>13</b>	<b>12</b>	<b>10</b>	<b>12</b>	<b>14</b>	<b>18</b>	<b>15</b>	<b>12</b>	<b>55</b>	<b>12</b>	<b>13</b>	<b>13</b>	<b>46</b>	<b>13</b>	<b>6.6</b>	<b>17</b>	<b>32</b>	<b>30</b>	<b>14</b>	<b>12</b>				
Magnesium	325,000	730,000	325,000	<b>4000</b>	<b>4300</b>	<b>28000</b>	<b>6000</b>	<b>6600</b>	<b>35000</b>	<b>29000</b>	<b>33000</b>	<b>31000</b>	<b>23000</b>	<b>36000</b>	<b>36000</b>	<b>36000</b>	<b>14000</b>	<b>37000</b>	<b>33000</b>	<b>18000</b>	<b>32000</b>	<b>36000</b>	<b>41000</b>	<b>12000</b>	<b>5200</b>	<b>33000</b>	<b>30000</b>				
Manganese	630 / 636	4,100	1600	<b>400</b>	<b>320</b>	<b>320</b>	<b>590</b>	<b>710</b>	<b>370</b>	<b>320</b>	<b>390</b>	<b>560</b>	<b>490</b>	<b>430</b>	<b>670</b>	<b>520</b>	<b>700</b>	<b>450</b>	<b>450</b>	<b>640</b>	<b>380</b>	<b>340</b>	<b>460</b>	<b>910</b>	<b>340</b>	<b>450</b>	<b>490</b>				
Mercury	0.89	0.1	10	<b>0.084</b>	<b>0.048</b>	<b>0.045</b>	<b>0.042</b>	<b>0.06</b>	<b>0.028</b>	< 0.023	< 0.019	< 0.019	<b>0.027</b>	<b>0.02</b>	< 0.019	< 0.021	<b>0.032</b>	< 0.021	< 0.020	<b>0.036</b>	< 0.022	< 0.019	<b>0.03</b>	<b>0.039</b>	<b>0.036</b>	<b>0.055</b>	< 0.022				
Nickel	100	4,100	1600	<b>22</b>	<b>20</b>	<b>19</b>	<b>28</b>	<b>30</b>	<b>25</b>	<b>27</b>	<b>21</b>	<b>27</b>	<b>32</b>	<b>26</b>	<b>34</b>	<b>30</b>	<b>26</b>	<b>27</b>	<b>33</b>	<b>32</b>	<b>29</b>	<b>20</b>	<b>26</b>	<b>26</b>	<b>30</b>	<b>36</b>	<b>36</b>				
Potassium	---	---	---	<b>1900</b>	<b>1300</b>	<b>1800</b>	<b>2000</b>	<b>2100</b>	<b>1900</b>	<b>2700</b>	<b>2000</b>	<b>1900</b>	<b>2600</b>	<b>2000</b>	<b>2300</b>	<b>2000</b>	<b>2300</b>	<b>2000</b>	<b>2300</b>	<b>2000</b>	<b>1700</b>	<b>1600</b>	<b>2100</b>	<b>1600</b>	<b>2100</b>	<b>2400</b>	<b>3900</b>				
Selenium	1.3	1,000	390	<b>1.4</b>	<b>1.2</b>	< 1.0	< 1.2	<b>1.2</b>	< 0.97	< 0.99	< 1.0	< 1.0	< 1.0	< 0.98	< 0.96	< 1.0	< 1.1	< 1.0	< 1.1	< 1.0	< 1.1	< 1.1	< 1.1	< 1.1	< 1.3	< 0.94	< 1.1				
Silver	4.4	1,000	390	< 1.2	< 1.2	< 1.0	< 1.2	< 1.0	< 0.97	< 0.99	< 1.0	< 1.0	< 1.0	< 0.98	< 0.96	< 1.0	< 1.1	< 1.0	< 1.1	< 1.0	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1	< 0.94	< 1.1				
Sodium	---	---	---	<b>4400</b>	<b>2000</b>	<b>1000</b>	<																								

**STAT Analysis Corporation**

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

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

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

Date Reported: March 10, 2020

Date Printed: March 10, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-11-01 (0-4)

Work Order: 20020373 Revision 0

Collection Date: 2/12/2020 1:20:00 PM

Project: 81.0220509.75, IDOT WO37 Elk Grove, Elk Grove

Matrix: Soil

Lab ID: 20020373-001

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Volatile Organic Compounds by GC/MS</b>		<b>SW5035/8260B</b>		Prep Date: 2/14/2020		Analyst: ERP
Acetone	ND	0.065		mg/Kg-dry	1	2/19/2020
Benzene	ND	0.0044		mg/Kg-dry	1	2/19/2020
Bromodichloromethane	ND	0.0044		mg/Kg-dry	1	2/19/2020
Bromoform	ND	0.0044		mg/Kg-dry	1	2/19/2020
Bromomethane	ND	0.0087		mg/Kg-dry	1	2/19/2020
2-Butanone	ND	0.065		mg/Kg-dry	1	2/19/2020
Carbon disulfide	ND	0.044		mg/Kg-dry	1	2/19/2020
Carbon tetrachloride	ND	0.0044		mg/Kg-dry	1	2/19/2020
Chlorobenzene	ND	0.0044		mg/Kg-dry	1	2/19/2020
Chloroethane	ND	0.0087		mg/Kg-dry	1	2/19/2020
Chloroform	ND	0.0044		mg/Kg-dry	1	2/19/2020
Chloromethane	ND	0.0087		mg/Kg-dry	1	2/19/2020
Dibromochloromethane	ND	0.0044		mg/Kg-dry	1	2/19/2020
1,1-Dichloroethane	ND	0.0044		mg/Kg-dry	1	2/19/2020
1,2-Dichloroethane	ND	0.0044		mg/Kg-dry	1	2/19/2020
1,1-Dichloroethene	ND	0.0044		mg/Kg-dry	1	2/19/2020
cis-1,2-Dichloroethene	ND	0.0044		mg/Kg-dry	1	2/19/2020
trans-1,2-Dichloroethene	ND	0.0044		mg/Kg-dry	1	2/19/2020
1,2-Dichloropropane	ND	0.0044		mg/Kg-dry	1	2/19/2020
cis-1,3-Dichloropropene	ND	0.0017		mg/Kg-dry	1	2/19/2020
trans-1,3-Dichloropropene	ND	0.0017		mg/Kg-dry	1	2/19/2020
Ethylbenzene	ND	0.0044		mg/Kg-dry	1	2/19/2020
2-Hexanone	ND	0.017		mg/Kg-dry	1	2/19/2020
4-Methyl-2-pentanone	ND	0.017		mg/Kg-dry	1	2/19/2020
Methylene chloride	ND	0.0087		mg/Kg-dry	1	2/19/2020
Methyl tert-butyl ether	ND	0.0044		mg/Kg-dry	1	2/19/2020
Styrene	ND	0.0044		mg/Kg-dry	1	2/19/2020
1,1,2,2-Tetrachloroethane	ND	0.0044		mg/Kg-dry	1	2/19/2020
Tetrachloroethene	ND	0.0044		mg/Kg-dry	1	2/19/2020
Toluene	ND	0.0044		mg/Kg-dry	1	2/19/2020
1,1,1-Trichloroethane	ND	0.0044		mg/Kg-dry	1	2/19/2020
1,1,2-Trichloroethane	ND	0.0044		mg/Kg-dry	1	2/19/2020
Trichloroethene	ND	0.0044		mg/Kg-dry	1	2/19/2020
Vinyl chloride	ND	0.0044		mg/Kg-dry	1	2/19/2020
Xylenes, Total	ND	0.013		mg/Kg-dry	1	2/19/2020
<b>Semivolatile Organic Compounds by GC/MS</b>		<b>SW8270D (SW3550B)</b>		Prep Date: 2/14/2020		Analyst: TEM
Acenaphthene	ND	0.038		mg/Kg-dry	1	2/17/2020
Acenaphthylene	ND	0.038		mg/Kg-dry	1	2/17/2020

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

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

**STAT Analysis Corporation**

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

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

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

Date Reported: March 10, 2020

Date Printed: March 10, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-11-01 (0-4)

Work Order: 20020373 Revision 0

Collection Date: 2/12/2020 1:20:00 PM

Project: 81.0220509.75, IDOT WO37 Elk Grove, Elk Grove

Matrix: Soil

Lab ID: 20020373-001

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Semivolatile Organic Compounds by GC/MS</b>	<b>SW8270D (SW3550B)</b>				Prep Date: 2/14/2020	Analyst: TEM
Aniline	ND	0.38		mg/Kg-dry	1	2/17/2020
Anthracene	ND	0.038		mg/Kg-dry	1	2/17/2020
Benz(a)anthracene	ND	0.038		mg/Kg-dry	1	2/17/2020
Benzidine	ND	0.38		mg/Kg-dry	1	2/17/2020
Benzo(a)pyrene	ND	0.038		mg/Kg-dry	1	2/17/2020
Benzo(b)fluoranthene	ND	0.038		mg/Kg-dry	1	2/17/2020
Benzo(g,h,i)perylene	ND	0.038		mg/Kg-dry	1	2/17/2020
Benzo(k)fluoranthene	ND	0.038		mg/Kg-dry	1	2/17/2020
Benzoic acid	ND	0.96		mg/Kg-dry	1	2/17/2020
Benzyl alcohol	ND	0.20		mg/Kg-dry	1	2/17/2020
Bis(2-chloroethoxy)methane	ND	0.20		mg/Kg-dry	1	2/17/2020
Bis(2-chloroethyl)ether	ND	0.20		mg/Kg-dry	1	2/17/2020
Bis(2-ethylhexyl)phthalate	ND	0.96		mg/Kg-dry	1	2/17/2020
4-Bromophenyl phenyl ether	ND	0.20		mg/Kg-dry	1	2/17/2020
Butyl benzyl phthalate	ND	0.20		mg/Kg-dry	1	2/17/2020
Carbazole	ND	0.20		mg/Kg-dry	1	2/17/2020
4-Chloroaniline	ND	0.20		mg/Kg-dry	1	2/17/2020
4-Chloro-3-methylphenol	ND	0.38		mg/Kg-dry	1	2/17/2020
2-Chloronaphthalene	ND	0.20		mg/Kg-dry	1	2/17/2020
2-Chlorophenol	ND	0.20		mg/Kg-dry	1	2/17/2020
4-Chlorophenyl phenyl ether	ND	0.20		mg/Kg-dry	1	2/17/2020
Chrysene	ND	0.038		mg/Kg-dry	1	2/17/2020
Dibenz(a,h)anthracene	ND	0.038		mg/Kg-dry	1	2/17/2020
Dibenzofuran	ND	0.20		mg/Kg-dry	1	2/17/2020
1,2-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	2/17/2020
1,3-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	2/17/2020
1,4-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	2/17/2020
3,3'-Dichlorobenzidine	ND	0.20		mg/Kg-dry	1	2/17/2020
2,4-Dichlorophenol	ND	0.20		mg/Kg-dry	1	2/17/2020
Diethyl phthalate	ND	0.20		mg/Kg-dry	1	2/17/2020
2,4-Dimethylphenol	ND	0.20		mg/Kg-dry	1	2/17/2020
Dimethyl phthalate	ND	0.20		mg/Kg-dry	1	2/17/2020
4,6-Dinitro-2-methylphenol	ND	0.38		mg/Kg-dry	1	2/17/2020
2,4-Dinitrophenol	ND	0.96		mg/Kg-dry	1	2/17/2020
2,4-Dinitrotoluene	ND	0.038		mg/Kg-dry	1	2/17/2020
2,6-Dinitrotoluene	ND	0.038		mg/Kg-dry	1	2/17/2020
Di-n-butyl phthalate	ND	0.20		mg/Kg-dry	1	2/17/2020
Di-n-octyl phthalate	ND	0.20		mg/Kg-dry	1	2/17/2020

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

**Qualifiers:**

J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded

**STAT Analysis Corporation**

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

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

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

Date Reported: March 10, 2020

Date Printed: March 10, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-11-01 (0-4)

Work Order: 20020373 Revision 0

Collection Date: 2/12/2020 1:20:00 PM

Project: 81.0220509.75, IDOT WO37 Elk Grove, Elk Grove

Matrix: Soil

Lab ID: 20020373-001

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Semivolatile Organic Compounds by GC/MS</b>		<b>SW8270D (SW3550B)</b>		Prep Date: <b>2/14/2020</b>		Analyst: <b>TEM</b>
Fluoranthene	ND	0.038		mg/Kg-dry	1	2/17/2020
Fluorene	ND	0.038		mg/Kg-dry	1	2/17/2020
Hexachlorobenzene	ND	0.20		mg/Kg-dry	1	2/17/2020
Hexachlorobutadiene	ND	0.20		mg/Kg-dry	1	2/17/2020
Hexachlorocyclopentadiene	ND	0.20		mg/Kg-dry	1	2/17/2020
Hexachloroethane	ND	0.20		mg/Kg-dry	1	2/17/2020
Indeno(1,2,3-cd)pyrene	ND	0.038		mg/Kg-dry	1	2/17/2020
Isophorone	ND	0.20		mg/Kg-dry	1	2/17/2020
2-Methylnaphthalene	ND	0.20		mg/Kg-dry	1	2/17/2020
2-Methylphenol	ND	0.20		mg/Kg-dry	1	2/17/2020
4-Methylphenol	ND	0.20		mg/Kg-dry	1	2/17/2020
Naphthalene	ND	0.038		mg/Kg-dry	1	2/17/2020
2-Nitroaniline	ND	0.20		mg/Kg-dry	1	2/17/2020
3-Nitroaniline	ND	0.20		mg/Kg-dry	1	2/17/2020
4-Nitroaniline	ND	0.20		mg/Kg-dry	1	2/17/2020
2-Nitrophenol	ND	0.20		mg/Kg-dry	1	2/17/2020
4-Nitrophenol	ND	0.38		mg/Kg-dry	1	2/17/2020
Nitrobenzene	ND	0.038		mg/Kg-dry	1	2/17/2020
N-Nitrosodi-n-propylamine	ND	0.038		mg/Kg-dry	1	2/17/2020
N-Nitrosodimethylamine	ND	0.20		mg/Kg-dry	1	2/17/2020
N-Nitrosodiphenylamine	ND	0.038		mg/Kg-dry	1	2/17/2020
2, 2'-oxybis(1-Chloropropane)	ND	0.20		mg/Kg-dry	1	2/17/2020
Pentachlorophenol	ND	0.038		mg/Kg-dry	1	2/17/2020
Phenanthrene	ND	0.038		mg/Kg-dry	1	2/17/2020
Phenol	ND	0.20		mg/Kg-dry	1	2/17/2020
Pyrene	ND	0.038		mg/Kg-dry	1	2/17/2020
Pyridine	ND	0.77		mg/Kg-dry	1	2/17/2020
1,2,4-Trichlorobenzene	ND	0.20		mg/Kg-dry	1	2/17/2020
2,4,5-Trichlorophenol	ND	0.20		mg/Kg-dry	1	2/17/2020
2,4,6-Trichlorophenol	ND	0.20		mg/Kg-dry	1	2/17/2020
<b>Metals by ICP/MS</b>		<b>SW6020A (SW3050B)</b>		Prep Date: <b>2/19/2020</b>		Analyst: <b>MDT</b>
Antimony	ND	1.9		mg/Kg-dry	10	2/26/2020
Arsenic	8.9	0.96		mg/Kg-dry	10	2/19/2020
Barium	75	0.96		mg/Kg-dry	10	2/19/2020
Beryllium	0.51	0.48		mg/Kg-dry	10	2/19/2020
Cadmium	ND	0.48		mg/Kg-dry	10	2/19/2020
Calcium	100000	58		mg/Kg-dry	10	2/19/2020
Chromium	20	0.96		mg/Kg-dry	10	2/19/2020

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers: J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded



**STAT Analysis Corporation**

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

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

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

Date Reported: March 10, 2020

Date Printed: March 10, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-11-01 (0-4)

Work Order: 20020373 Revision 0

Collection Date: 2/12/2020 1:20:00 PM

Project: 81.0220509.75, IDOT WO37 Elk Grove, Elk Grove

Matrix: Soil

Lab ID: 20020373-001

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Metals by ICP/MS</b>		<b>SW6020A (SW3050B)</b>		Prep Date: 2/19/2020		Analyst: MDT
Cobalt	15	0.96		mg/Kg-dry	10	2/19/2020
Copper	22	2.4		mg/Kg-dry	10	2/19/2020
Iron	23000	29		mg/Kg-dry	10	2/19/2020
Lead	15	0.48		mg/Kg-dry	10	2/19/2020
Magnesium	36000	29		mg/Kg-dry	10	2/19/2020
Manganese	670	0.96		mg/Kg-dry	10	2/19/2020
Nickel	34	0.96		mg/Kg-dry	10	2/19/2020
Potassium	2000	29		mg/Kg-dry	10	2/19/2020
Selenium	ND	0.96		mg/Kg-dry	10	2/19/2020
Silver	ND	0.96		mg/Kg-dry	10	2/19/2020
Sodium	270	58		mg/Kg-dry	10	2/19/2020
Thallium	ND	0.96		mg/Kg-dry	10	2/19/2020
Vanadium	25	0.96		mg/Kg-dry	10	2/19/2020
Zinc	47	4.8		mg/Kg-dry	10	2/19/2020
<b>SPLP Metals by ICP/MS</b>		<b>SW1312/6020A (SW3005A)</b>		Prep Date: 2/18/2020		Analyst: MDT
Arsenic	ND	0.0040		mg/L	2	2/19/2020
Barium	ND	0.020		mg/L	2	2/19/2020
Beryllium	ND	0.0020		mg/L	2	2/19/2020
Cadmium	ND	0.0020		mg/L	2	2/19/2020
Chromium	ND	0.0080		mg/L	2	2/19/2020
Cobalt	ND	0.0040		mg/L	2	2/19/2020
Copper	ND	0.020		mg/L	2	2/19/2020
Iron	0.62	0.20		mg/L	2	2/19/2020
Lead	ND	0.0020		mg/L	2	2/19/2020
Manganese	ND	0.0040		mg/L	2	2/19/2020
Nickel	ND	0.0080		mg/L	2	2/19/2020
Selenium	ND	0.0040		mg/L	2	2/19/2020
Silver	ND	0.0040		mg/L	2	2/19/2020
Zinc	ND	0.080		mg/L	2	2/19/2020
<b>TCLP Metals by ICP/MS</b>		<b>SW1311/6020A (SW3005A)</b>		Prep Date: 2/17/2020		Analyst: MDT
Arsenic	ND	0.010		mg/L	5	2/17/2020
Barium	0.75	0.050		mg/L	5	2/17/2020
Beryllium	ND	0.0050		mg/L	5	2/18/2020
Cadmium	ND	0.0050		mg/L	5	2/17/2020
Chromium	ND	0.010		mg/L	5	2/17/2020
Cobalt	ND	0.010		mg/L	5	2/17/2020
Copper	ND	0.10		mg/L	5	2/17/2020

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers: J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded

**STAT Analysis Corporation**

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

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

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

Date Reported: March 10, 2020

Date Printed: March 10, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-11-01 (0-4)

Work Order: 20020373 Revision 0

Collection Date: 2/12/2020 1:20:00 PM

Project: 81.0220509.75, IDOT WO37 Elk Grove, Elk Grove

Matrix: Soil

Lab ID: 20020373-001

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>TCLP Metals by ICP/MS</b>	<b>SW1311/6020A (SW3005A)</b>		Prep Date: <b>2/17/2020</b>		Analyst: <b>MDT</b>	
Iron	ND	0.25		mg/L	5	2/17/2020
Lead	ND	0.0050		mg/L	5	2/17/2020
Manganese	0.28	0.010		mg/L	5	2/17/2020
Nickel	ND	0.010		mg/L	5	2/17/2020
Selenium	ND	0.010		mg/L	5	2/17/2020
Silver	ND	0.010		mg/L	5	2/17/2020
Zinc	ND	0.050		mg/L	5	2/17/2020
<b>TCLP Mercury</b>	<b>SW1311/7470A</b>		Prep Date: <b>2/17/2020</b>		Analyst: <b>LB</b>	
Mercury	ND	0.00020		mg/L	1	2/18/2020
<b>SPLP Mercury</b>	<b>SW1312/7470A</b>		Prep Date: <b>2/24/2020</b>		Analyst: <b>LB</b>	
Mercury	ND	0.00020		mg/L	1	2/27/2020
<b>Mercury</b>	<b>SW7471B</b>		Prep Date: <b>3/6/2020</b>		Analyst: <b>LB</b>	
Mercury	ND	0.019		mg/Kg-dry	1	3/9/2020
<b>pH (25 °C)</b>	<b>SW9045C</b>		Prep Date: <b>2/19/2020</b>		Analyst: <b>JAR</b>	
pH	8.88			pH Units	1	2/19/2020
<b>Percent Moisture</b>	<b>D2974</b>		Prep Date: <b>2/14/2020</b>		Analyst: <b>FN</b>	
Percent Moisture	13.3	0.2	*	wt%	1	2/17/2020

**Qualifiers:**

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

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

**STAT Analysis Corporation**

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

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

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

Date Reported: March 10, 2020

Date Printed: March 10, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-11-01 (4-8)

Work Order: 20020373 Revision 0

Collection Date: 2/12/2020 1:22:00 PM

Project: 81.0220509.75, IDOT WO37 Elk Grove, Elk Grove

Matrix: Soil

Lab ID: 20020373-002

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Volatile Organic Compounds by GC/MS</b>		<b>SW5035/8260B</b>		Prep Date: 2/14/2020		Analyst: ERP
Acetone	ND	0.098		mg/Kg-dry	1	2/19/2020
Benzene	ND	0.0065		mg/Kg-dry	1	2/19/2020
Bromodichloromethane	ND	0.0065		mg/Kg-dry	1	2/19/2020
Bromoform	ND	0.0065		mg/Kg-dry	1	2/19/2020
Bromomethane	ND	0.013		mg/Kg-dry	1	2/19/2020
2-Butanone	ND	0.098		mg/Kg-dry	1	2/19/2020
Carbon disulfide	ND	0.065		mg/Kg-dry	1	2/19/2020
Carbon tetrachloride	ND	0.0065		mg/Kg-dry	1	2/19/2020
Chlorobenzene	ND	0.0065		mg/Kg-dry	1	2/19/2020
Chloroethane	ND	0.013		mg/Kg-dry	1	2/19/2020
Chloroform	ND	0.0065		mg/Kg-dry	1	2/19/2020
Chloromethane	ND	0.013		mg/Kg-dry	1	2/19/2020
Dibromochloromethane	ND	0.0065		mg/Kg-dry	1	2/19/2020
1,1-Dichloroethane	ND	0.0065		mg/Kg-dry	1	2/19/2020
1,2-Dichloroethane	ND	0.0065		mg/Kg-dry	1	2/19/2020
1,1-Dichloroethene	ND	0.0065		mg/Kg-dry	1	2/19/2020
cis-1,2-Dichloroethene	ND	0.0065		mg/Kg-dry	1	2/19/2020
trans-1,2-Dichloroethene	ND	0.0065		mg/Kg-dry	1	2/19/2020
1,2-Dichloropropane	ND	0.0065		mg/Kg-dry	1	2/19/2020
cis-1,3-Dichloropropene	ND	0.0026		mg/Kg-dry	1	2/19/2020
trans-1,3-Dichloropropene	ND	0.0026		mg/Kg-dry	1	2/19/2020
Ethylbenzene	ND	0.0065		mg/Kg-dry	1	2/19/2020
2-Hexanone	ND	0.026		mg/Kg-dry	1	2/19/2020
4-Methyl-2-pentanone	ND	0.026		mg/Kg-dry	1	2/19/2020
Methylene chloride	ND	0.013		mg/Kg-dry	1	2/19/2020
Methyl tert-butyl ether	ND	0.0065		mg/Kg-dry	1	2/19/2020
Styrene	ND	0.0065		mg/Kg-dry	1	2/19/2020
1,1,2,2-Tetrachloroethane	ND	0.0065		mg/Kg-dry	1	2/19/2020
Tetrachloroethene	ND	0.0065		mg/Kg-dry	1	2/19/2020
Toluene	ND	0.0065		mg/Kg-dry	1	2/19/2020
1,1,1-Trichloroethane	ND	0.0065		mg/Kg-dry	1	2/19/2020
1,1,2-Trichloroethane	ND	0.0065		mg/Kg-dry	1	2/19/2020
Trichloroethene	ND	0.0065		mg/Kg-dry	1	2/19/2020
Vinyl chloride	ND	0.0065		mg/Kg-dry	1	2/19/2020
Xylenes, Total	ND	0.020		mg/Kg-dry	1	2/19/2020
<b>Semivolatile Organic Compounds by GC/MS</b>		<b>SW8270D (SW3550B)</b>		Prep Date: 2/14/2020		Analyst: TEM
Acenaphthene	ND	0.038		mg/Kg-dry	1	2/17/2020
Acenaphthylene	ND	0.038		mg/Kg-dry	1	2/17/2020

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

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

**STAT Analysis Corporation**

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

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

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

Date Reported: March 10, 2020

Date Printed: March 10, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-11-01 (4-8)

Work Order: 20020373 Revision 0

Collection Date: 2/12/2020 1:22:00 PM

Project: 81.0220509.75, IDOT WO37 Elk Grove, Elk Grove

Matrix: Soil

Lab ID: 20020373-002

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Semivolatile Organic Compounds by GC/MS</b>	<b>SW8270D (SW3550B)</b>				Prep Date: 2/14/2020	Analyst: TEM
Aniline	ND	0.39		mg/Kg-dry	1	2/17/2020
Anthracene	ND	0.038		mg/Kg-dry	1	2/17/2020
Benz(a)anthracene	ND	0.038		mg/Kg-dry	1	2/17/2020
Benzidine	ND	0.38		mg/Kg-dry	1	2/17/2020
Benzo(a)pyrene	ND	0.038		mg/Kg-dry	1	2/17/2020
Benzo(b)fluoranthene	ND	0.038		mg/Kg-dry	1	2/17/2020
Benzo(g,h,i)perylene	ND	0.038		mg/Kg-dry	1	2/17/2020
Benzo(k)fluoranthene	ND	0.038		mg/Kg-dry	1	2/17/2020
Benzoic acid	ND	0.96		mg/Kg-dry	1	2/17/2020
Benzyl alcohol	ND	0.20		mg/Kg-dry	1	2/17/2020
Bis(2-chloroethoxy)methane	ND	0.20		mg/Kg-dry	1	2/17/2020
Bis(2-chloroethyl)ether	ND	0.20		mg/Kg-dry	1	2/17/2020
Bis(2-ethylhexyl)phthalate	ND	0.96		mg/Kg-dry	1	2/17/2020
4-Bromophenyl phenyl ether	ND	0.20		mg/Kg-dry	1	2/17/2020
Butyl benzyl phthalate	ND	0.20		mg/Kg-dry	1	2/17/2020
Carbazole	ND	0.20		mg/Kg-dry	1	2/17/2020
4-Chloroaniline	ND	0.20		mg/Kg-dry	1	2/17/2020
4-Chloro-3-methylphenol	ND	0.38		mg/Kg-dry	1	2/17/2020
2-Chloronaphthalene	ND	0.20		mg/Kg-dry	1	2/17/2020
2-Chlorophenol	ND	0.20		mg/Kg-dry	1	2/17/2020
4-Chlorophenyl phenyl ether	ND	0.20		mg/Kg-dry	1	2/17/2020
Chrysene	ND	0.038		mg/Kg-dry	1	2/17/2020
Dibenz(a,h)anthracene	ND	0.038		mg/Kg-dry	1	2/17/2020
Dibenzofuran	ND	0.20		mg/Kg-dry	1	2/17/2020
1,2-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	2/17/2020
1,3-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	2/17/2020
1,4-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	2/17/2020
3,3'-Dichlorobenzidine	ND	0.20		mg/Kg-dry	1	2/17/2020
2,4-Dichlorophenol	ND	0.20		mg/Kg-dry	1	2/17/2020
Diethyl phthalate	ND	0.20		mg/Kg-dry	1	2/17/2020
2,4-Dimethylphenol	ND	0.20		mg/Kg-dry	1	2/17/2020
Dimethyl phthalate	ND	0.20		mg/Kg-dry	1	2/17/2020
4,6-Dinitro-2-methylphenol	ND	0.38		mg/Kg-dry	1	2/17/2020
2,4-Dinitrophenol	ND	0.96		mg/Kg-dry	1	2/17/2020
2,4-Dinitrotoluene	ND	0.038		mg/Kg-dry	1	2/17/2020
2,6-Dinitrotoluene	ND	0.038		mg/Kg-dry	1	2/17/2020
Di-n-butyl phthalate	ND	0.20		mg/Kg-dry	1	2/17/2020
Di-n-octyl phthalate	ND	0.20		mg/Kg-dry	1	2/17/2020

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers: J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded

**STAT Analysis Corporation**

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

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

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

Date Reported: March 10, 2020

Date Printed: March 10, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-11-01 (4-8)

Work Order: 20020373 Revision 0

Collection Date: 2/12/2020 1:22:00 PM

Project: 81.0220509.75, IDOT WO37 Elk Grove, Elk Grove

Matrix: Soil

Lab ID: 20020373-002

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Semivolatile Organic Compounds by GC/MS</b>		<b>SW8270D (SW3550B)</b>		Prep Date: <b>2/14/2020</b>		Analyst: <b>TEM</b>
Fluoranthene	ND	0.038		mg/Kg-dry	1	2/17/2020
Fluorene	ND	0.038		mg/Kg-dry	1	2/17/2020
Hexachlorobenzene	ND	0.20		mg/Kg-dry	1	2/17/2020
Hexachlorobutadiene	ND	0.20		mg/Kg-dry	1	2/17/2020
Hexachlorocyclopentadiene	ND	0.20		mg/Kg-dry	1	2/17/2020
Hexachloroethane	ND	0.20		mg/Kg-dry	1	2/17/2020
Indeno(1,2,3-cd)pyrene	ND	0.038		mg/Kg-dry	1	2/17/2020
Isophorone	ND	0.20		mg/Kg-dry	1	2/17/2020
2-Methylnaphthalene	ND	0.20		mg/Kg-dry	1	2/17/2020
2-Methylphenol	ND	0.20		mg/Kg-dry	1	2/17/2020
4-Methylphenol	ND	0.20		mg/Kg-dry	1	2/17/2020
Naphthalene	ND	0.038		mg/Kg-dry	1	2/17/2020
2-Nitroaniline	ND	0.20		mg/Kg-dry	1	2/17/2020
3-Nitroaniline	ND	0.20		mg/Kg-dry	1	2/17/2020
4-Nitroaniline	ND	0.20		mg/Kg-dry	1	2/17/2020
2-Nitrophenol	ND	0.20		mg/Kg-dry	1	2/17/2020
4-Nitrophenol	ND	0.38		mg/Kg-dry	1	2/17/2020
Nitrobenzene	ND	0.038		mg/Kg-dry	1	2/17/2020
N-Nitrosodi-n-propylamine	ND	0.038		mg/Kg-dry	1	2/17/2020
N-Nitrosodimethylamine	ND	0.20		mg/Kg-dry	1	2/17/2020
N-Nitrosodiphenylamine	ND	0.038		mg/Kg-dry	1	2/17/2020
2, 2'-oxybis(1-Chloropropane)	ND	0.20		mg/Kg-dry	1	2/17/2020
Pentachlorophenol	ND	0.038		mg/Kg-dry	1	2/17/2020
Phenanthrene	ND	0.038		mg/Kg-dry	1	2/17/2020
Phenol	ND	0.20		mg/Kg-dry	1	2/17/2020
Pyrene	ND	0.038		mg/Kg-dry	1	2/17/2020
Pyridine	ND	0.78		mg/Kg-dry	1	2/17/2020
1,2,4-Trichlorobenzene	ND	0.20		mg/Kg-dry	1	2/17/2020
2,4,5-Trichlorophenol	ND	0.20		mg/Kg-dry	1	2/17/2020
2,4,6-Trichlorophenol	ND	0.20		mg/Kg-dry	1	2/17/2020
<b>Metals by ICP/MS</b>		<b>SW6020A (SW3050B)</b>		Prep Date: <b>2/19/2020</b>		Analyst: <b>MDT</b>
Antimony	ND	2.0		mg/Kg-dry	10	2/26/2020
Arsenic	6.9	1.0		mg/Kg-dry	10	2/19/2020
Barium	63	1.0		mg/Kg-dry	10	2/19/2020
Beryllium	ND	0.51		mg/Kg-dry	10	2/19/2020
Cadmium	ND	0.51		mg/Kg-dry	10	2/19/2020
Calcium	83000	61		mg/Kg-dry	10	2/19/2020
Chromium	19	1.0		mg/Kg-dry	10	2/19/2020

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers: J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded

**STAT Analysis Corporation**

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

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

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

Date Reported: March 10, 2020

Date Printed: March 10, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-11-01 (4-8)

Work Order: 20020373 Revision 0

Collection Date: 2/12/2020 1:22:00 PM

Project: 81.0220509.75, IDOT WO37 Elk Grove, Elk Grove

Matrix: Soil

Lab ID: 20020373-002

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Metals by ICP/MS</b>		<b>SW6020A (SW3050B)</b>		Prep Date: <b>2/19/2020</b>		Analyst: <b>MDT</b>
Cobalt	11	1.0		mg/Kg-dry	10	2/19/2020
Copper	21	2.5		mg/Kg-dry	10	2/19/2020
Iron	22000	31		mg/Kg-dry	10	2/19/2020
Lead	12	0.51		mg/Kg-dry	10	2/19/2020
Magnesium	36000	31		mg/Kg-dry	10	2/19/2020
Manganese	520	1.0		mg/Kg-dry	10	2/19/2020
Nickel	30	1.0		mg/Kg-dry	10	2/19/2020
Potassium	2300	31		mg/Kg-dry	10	2/19/2020
Selenium	ND	1.0		mg/Kg-dry	10	2/19/2020
Silver	ND	1.0		mg/Kg-dry	10	2/19/2020
Sodium	420	61		mg/Kg-dry	10	2/19/2020
Thallium	ND	1.0		mg/Kg-dry	10	2/19/2020
Vanadium	21	1.0		mg/Kg-dry	10	2/19/2020
Zinc	50	5.1		mg/Kg-dry	10	2/19/2020
<b>SPLP Metals by ICP/MS</b>		<b>SW1312/6020A (SW3005A)</b>		Prep Date: <b>2/18/2020</b>		Analyst: <b>MDT</b>
Arsenic	ND	0.0040		mg/L	2	2/19/2020
Barium	ND	0.020		mg/L	2	2/19/2020
Beryllium	ND	0.0020		mg/L	2	2/19/2020
Cadmium	ND	0.0020		mg/L	2	2/19/2020
Chromium	ND	0.0080		mg/L	2	2/19/2020
Cobalt	ND	0.0040		mg/L	2	2/19/2020
Copper	ND	0.020		mg/L	2	2/19/2020
Iron	0.72	0.20		mg/L	2	2/19/2020
Lead	ND	0.0020		mg/L	2	2/19/2020
Manganese	0.0065	0.0040		mg/L	2	2/19/2020
Nickel	ND	0.0080		mg/L	2	2/19/2020
Selenium	ND	0.0040		mg/L	2	2/19/2020
Silver	ND	0.0040		mg/L	2	2/19/2020
Zinc	ND	0.080		mg/L	2	2/19/2020
<b>TCLP Metals by ICP/MS</b>		<b>SW1311/6020A (SW3005A)</b>		Prep Date: <b>2/17/2020</b>		Analyst: <b>MDT</b>
Arsenic	ND	0.010		mg/L	5	2/17/2020
Barium	0.49	0.050		mg/L	5	2/17/2020
Beryllium	ND	0.0050		mg/L	5	2/18/2020
Cadmium	ND	0.0050		mg/L	5	2/17/2020
Chromium	ND	0.010		mg/L	5	2/17/2020
Cobalt	ND	0.010		mg/L	5	2/17/2020
Copper	ND	0.10		mg/L	5	2/17/2020

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

**Qualifiers:**

J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded

**STAT Analysis Corporation**

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

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

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

Date Reported: March 10, 2020

Date Printed: March 10, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-11-01 (4-8)

Work Order: 20020373 Revision 0

Collection Date: 2/12/2020 1:22:00 PM

Project: 81.0220509.75, IDOT WO37 Elk Grove, Elk Grove

Matrix: Soil

Lab ID: 20020373-002

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>TCLP Metals by ICP/MS</b>	<b>SW1311/6020A (SW3005A)</b>			Prep Date: <b>2/17/2020</b>		Analyst: <b>MDT</b>
Iron	ND	0.25		mg/L	5	2/17/2020
Lead	ND	0.0050		mg/L	5	2/17/2020
Manganese	1.2	0.010		mg/L	5	2/17/2020
Nickel	ND	0.010		mg/L	5	2/17/2020
Selenium	ND	0.010		mg/L	5	2/17/2020
Silver	ND	0.010		mg/L	5	2/17/2020
Zinc	ND	0.050		mg/L	5	2/17/2020
<b>TCLP Mercury</b>	<b>SW1311/7470A</b>			Prep Date: <b>2/17/2020</b>		Analyst: <b>LB</b>
Mercury	ND	0.00020		mg/L	1	2/18/2020
<b>SPLP Mercury</b>	<b>SW1312/7470A</b>			Prep Date: <b>2/24/2020</b>		Analyst: <b>LB</b>
Mercury	ND	0.00020		mg/L	1	2/27/2020
<b>Mercury</b>	<b>SW7471B</b>			Prep Date: <b>3/6/2020</b>		Analyst: <b>LB</b>
Mercury	ND	0.021		mg/Kg-dry	1	3/9/2020
<b>pH (25 °C)</b>	<b>SW9045C</b>			Prep Date: <b>2/19/2020</b>		Analyst: <b>JAR</b>
pH	8.88			pH Units	1	2/19/2020
<b>Percent Moisture</b>	<b>D2974</b>			Prep Date: <b>2/14/2020</b>		Analyst: <b>FN</b>
Percent Moisture	14.2	0.2	*	wt%	1	2/17/2020

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

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

**STAT Analysis Corporation**

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

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

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

Date Reported: March 10, 2020

Date Printed: March 10, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-14-02 (0-1.5)

Work Order: 20020373 Revision 0

Collection Date: 2/12/2020 11:10:00 AM

Project: 81.0220509.75, IDOT WO37 Elk Grove, Elk Grove

Matrix: Soil

Lab ID: 20020373-013

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Volatile Organic Compounds by GC/MS</b>		<b>SW5035/8260B</b>		Prep Date: 2/14/2020		Analyst: JDT
Acetone	ND	0.11		mg/Kg-dry	1	2/20/2020
Benzene	ND	0.0074		mg/Kg-dry	1	2/20/2020
Bromodichloromethane	ND	0.0074		mg/Kg-dry	1	2/20/2020
Bromoform	ND	0.0074		mg/Kg-dry	1	2/20/2020
Bromomethane	ND	0.015		mg/Kg-dry	1	2/20/2020
2-Butanone	ND	0.11		mg/Kg-dry	1	2/20/2020
Carbon disulfide	ND	0.074		mg/Kg-dry	1	2/20/2020
Carbon tetrachloride	ND	0.0074		mg/Kg-dry	1	2/20/2020
Chlorobenzene	ND	0.0074		mg/Kg-dry	1	2/20/2020
Chloroethane	ND	0.015		mg/Kg-dry	1	2/20/2020
Chloroform	ND	0.0074		mg/Kg-dry	1	2/20/2020
Chloromethane	ND	0.015		mg/Kg-dry	1	2/20/2020
Dibromochloromethane	ND	0.0074		mg/Kg-dry	1	2/20/2020
1,1-Dichloroethane	ND	0.0074		mg/Kg-dry	1	2/20/2020
1,2-Dichloroethane	ND	0.0074		mg/Kg-dry	1	2/20/2020
1,1-Dichloroethene	ND	0.0074		mg/Kg-dry	1	2/20/2020
cis-1,2-Dichloroethene	ND	0.0074		mg/Kg-dry	1	2/20/2020
trans-1,2-Dichloroethene	ND	0.0074		mg/Kg-dry	1	2/20/2020
1,2-Dichloropropane	ND	0.0074		mg/Kg-dry	1	2/20/2020
cis-1,3-Dichloropropene	ND	0.0030		mg/Kg-dry	1	2/20/2020
trans-1,3-Dichloropropene	ND	0.0030		mg/Kg-dry	1	2/20/2020
Ethylbenzene	ND	0.0074		mg/Kg-dry	1	2/20/2020
2-Hexanone	ND	0.030		mg/Kg-dry	1	2/20/2020
4-Methyl-2-pentanone	ND	0.030		mg/Kg-dry	1	2/20/2020
Methylene chloride	ND	0.015		mg/Kg-dry	1	2/20/2020
Methyl tert-butyl ether	ND	0.0074		mg/Kg-dry	1	2/20/2020
Styrene	ND	0.0074		mg/Kg-dry	1	2/20/2020
1,1,2,2-Tetrachloroethane	ND	0.0074		mg/Kg-dry	1	2/20/2020
Tetrachloroethene	ND	0.0074		mg/Kg-dry	1	2/20/2020
Toluene	ND	0.0074		mg/Kg-dry	1	2/20/2020
1,1,1-Trichloroethane	ND	0.0074		mg/Kg-dry	1	2/20/2020
1,1,2-Trichloroethane	ND	0.0074		mg/Kg-dry	1	2/20/2020
Trichloroethene	ND	0.0074		mg/Kg-dry	1	2/20/2020
Vinyl chloride	ND	0.0074		mg/Kg-dry	1	2/20/2020
Xylenes, Total	ND	0.022		mg/Kg-dry	1	2/20/2020
<b>Semivolatile Organic Compounds by GC/MS</b>		<b>SW8270D (SW3550B)</b>		Prep Date: 2/14/2020		Analyst: DM
Acenaphthene	ND	0.041		mg/Kg-dry	1	2/18/2020
Acenaphthylene	ND	0.041		mg/Kg-dry	1	2/18/2020

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

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



**STAT Analysis Corporation**

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

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

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

Date Reported: March 10, 2020

Date Printed: March 10, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-14-02 (0-1.5)

Work Order: 20020373 Revision 0

Collection Date: 2/12/2020 11:10:00 AM

Project: 81.0220509.75, IDOT WO37 Elk Grove, Elk Grove

Matrix: Soil

Lab ID: 20020373-013

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Semivolatile Organic Compounds by GC/MS</b>	<b>SW8270D (SW3550B)</b>				Prep Date: 2/14/2020	Analyst: DM
Aniline	ND	0.41		mg/Kg-dry	1	2/18/2020
Anthracene	ND	0.041		mg/Kg-dry	1	2/18/2020
Benzo(a)anthracene	0.062	0.041		mg/Kg-dry	1	2/18/2020
Benzdine	ND	0.41		mg/Kg-dry	1	2/18/2020
Benzo(a)pyrene	0.070	0.041		mg/Kg-dry	1	2/18/2020
Benzo(b)fluoranthene	0.097	0.041		mg/Kg-dry	1	2/18/2020
Benzo(g,h,i)perylene	0.060	0.041		mg/Kg-dry	1	2/18/2020
Benzo(k)fluoranthene	ND	0.041		mg/Kg-dry	1	2/18/2020
Benzoic acid	ND	1.0		mg/Kg-dry	1	2/18/2020
Benzyl alcohol	ND	0.21		mg/Kg-dry	1	2/18/2020
Bis(2-chloroethoxy)methane	ND	0.21		mg/Kg-dry	1	2/18/2020
Bis(2-chloroethyl)ether	ND	0.21		mg/Kg-dry	1	2/18/2020
Bis(2-ethylhexyl)phthalate	ND	1.0		mg/Kg-dry	1	2/18/2020
4-Bromophenyl phenyl ether	ND	0.21		mg/Kg-dry	1	2/18/2020
Butyl benzyl phthalate	ND	0.21		mg/Kg-dry	1	2/18/2020
Carbazole	ND	0.21		mg/Kg-dry	1	2/18/2020
4-Chloroaniline	ND	0.21		mg/Kg-dry	1	2/18/2020
4-Chloro-3-methylphenol	ND	0.41		mg/Kg-dry	1	2/18/2020
2-Chloronaphthalene	ND	0.21		mg/Kg-dry	1	2/18/2020
2-Chlorophenol	ND	0.21		mg/Kg-dry	1	2/18/2020
4-Chlorophenyl phenyl ether	ND	0.21		mg/Kg-dry	1	2/18/2020
Chrysene	0.067	0.041		mg/Kg-dry	1	2/18/2020
Dibenz(a,h)anthracene	ND	0.041		mg/Kg-dry	1	2/18/2020
Dibenzofuran	ND	0.21		mg/Kg-dry	1	2/18/2020
1,2-Dichlorobenzene	ND	0.21		mg/Kg-dry	1	2/18/2020
1,3-Dichlorobenzene	ND	0.21		mg/Kg-dry	1	2/18/2020
1,4-Dichlorobenzene	ND	0.21		mg/Kg-dry	1	2/18/2020
3,3'-Dichlorobenzidine	ND	0.21		mg/Kg-dry	1	2/18/2020
2,4-Dichlorophenol	ND	0.21		mg/Kg-dry	1	2/18/2020
Diethyl phthalate	ND	0.21		mg/Kg-dry	1	2/18/2020
2,4-Dimethylphenol	ND	0.21		mg/Kg-dry	1	2/18/2020
Dimethyl phthalate	ND	0.21		mg/Kg-dry	1	2/18/2020
4,6-Dinitro-2-methylphenol	ND	0.41		mg/Kg-dry	1	2/18/2020
2,4-Dinitrophenol	ND	1.0		mg/Kg-dry	1	2/18/2020
2,4-Dinitrotoluene	ND	0.041		mg/Kg-dry	1	2/18/2020
2,6-Dinitrotoluene	ND	0.041		mg/Kg-dry	1	2/18/2020
Di-n-butyl phthalate	ND	0.21		mg/Kg-dry	1	2/18/2020
Di-n-octyl phthalate	ND	0.21		mg/Kg-dry	1	2/18/2020

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

**Qualifiers:**

J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded

**STAT Analysis Corporation**

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

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

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

Date Reported: March 10, 2020

Date Printed: March 10, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-14-02 (0-1.5)

Work Order: 20020373 Revision 0

Collection Date: 2/12/2020 11:10:00 AM

Project: 81.0220509.75, IDOT WO37 Elk Grove, Elk Grove

Matrix: Soil

Lab ID: 20020373-013

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
----------	--------	----	-----------	-------	----	---------------

Semivolatile Organic Compounds by GC/MS	SW8270D (SW3550B)	Prep Date: 2/14/2020	Analyst: DM
---	-------------------	----------------------	-------------

Fluoranthene	0.13	0.041	mg/Kg-dry	1	2/18/2020
Fluorene	ND	0.041	mg/Kg-dry	1	2/18/2020
Hexachlorobenzene	ND	0.21	mg/Kg-dry	1	2/18/2020
Hexachlorobutadiene	ND	0.21	mg/Kg-dry	1	2/18/2020
Hexachlorocyclopentadiene	ND	0.21	mg/Kg-dry	1	2/18/2020
Hexachloroethane	ND	0.21	mg/Kg-dry	1	2/18/2020
Indeno(1,2,3-cd)pyrene	0.050	0.041	mg/Kg-dry	1	2/18/2020
Isophorone	ND	0.21	mg/Kg-dry	1	2/18/2020
2-Methylnaphthalene	ND	0.21	mg/Kg-dry	1	2/18/2020
2-Methylphenol	ND	0.21	mg/Kg-dry	1	2/18/2020
4-Methylphenol	ND	0.21	mg/Kg-dry	1	2/18/2020
Naphthalene	ND	0.041	mg/Kg-dry	1	2/18/2020
2-Nitroaniline	ND	0.21	mg/Kg-dry	1	2/18/2020
3-Nitroaniline	ND	0.21	mg/Kg-dry	1	2/18/2020
4-Nitroaniline	ND	0.21	mg/Kg-dry	1	2/18/2020
2-Nitrophenol	ND	0.21	mg/Kg-dry	1	2/18/2020
4-Nitrophenol	ND	0.41	mg/Kg-dry	1	2/18/2020
Nitrobenzene	ND	0.041	mg/Kg-dry	1	2/18/2020
N-Nitrosodi-n-propylamine	ND	0.041	mg/Kg-dry	1	2/18/2020
N-Nitrosodimethylamine	ND	0.21	mg/Kg-dry	1	2/18/2020
N-Nitrosodiphenylamine	ND	0.041	mg/Kg-dry	1	2/18/2020
2, 2'-oxybis(1-Chloropropane)	ND	0.21	mg/Kg-dry	1	2/18/2020
Pentachlorophenol	ND	0.041	mg/Kg-dry	1	2/18/2020
Phenanthrene	0.046	0.041	mg/Kg-dry	1	2/18/2020
Phenol	ND	0.21	mg/Kg-dry	1	2/18/2020
Pyrene	0.11	0.041	mg/Kg-dry	1	2/18/2020
Pyridine	ND	0.83	mg/Kg-dry	1	2/18/2020
1,2,4-Trichlorobenzene	ND	0.21	mg/Kg-dry	1	2/18/2020
2,4,5-Trichlorophenol	ND	0.21	mg/Kg-dry	1	2/18/2020
2,4,6-Trichlorophenol	ND	0.21	mg/Kg-dry	1	2/18/2020

Metals by ICP/MS	SW6020A (SW3050B)	Prep Date: 2/19/2020	Analyst: MDT
------------------	-------------------	----------------------	--------------

Antimony	ND	2.2	mg/Kg-dry	10	2/20/2020
Arsenic	8.5	1.1	mg/Kg-dry	10	2/20/2020
Barium	140	1.1	mg/Kg-dry	10	2/20/2020
Beryllium	0.72	0.54	mg/Kg-dry	10	2/20/2020
Cadmium	ND	0.54	mg/Kg-dry	10	2/20/2020
Calcium	25000	65	mg/Kg-dry	10	2/20/2020
Chromium	23	1.1	mg/Kg-dry	10	2/20/2020

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

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

**STAT Analysis Corporation**

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

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

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

Date Reported: March 10, 2020

Date Printed: March 10, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-14-02 (0-1.5)

Work Order: 20020373 Revision 0

Collection Date: 2/12/2020 11:10:00 AM

Project: 81.0220509.75, IDOT WO37 Elk Grove, Elk Grove

Matrix: Soil

Lab ID: 20020373-013

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Metals by ICP/MS</b>	<b>SW6020A (SW3050B)</b>		Prep Date: 2/19/2020		Analyst: MDT	
Cobalt	13	1.1		mg/Kg-dry	10	2/20/2020
Copper	24	2.7		mg/Kg-dry	10	2/20/2020
Iron	24000	33		mg/Kg-dry	10	2/20/2020
Lead	55	0.54		mg/Kg-dry	10	2/20/2020
Magnesium	14000	33		mg/Kg-dry	10	2/20/2020
Manganese	700	1.1		mg/Kg-dry	10	2/20/2020
Nickel	26	1.1		mg/Kg-dry	10	2/20/2020
Potassium	2000	33		mg/Kg-dry	10	2/20/2020
Selenium	ND	1.1		mg/Kg-dry	10	2/20/2020
Silver	ND	1.1		mg/Kg-dry	10	2/20/2020
Sodium	120	65		mg/Kg-dry	10	2/20/2020
Thallium	ND	1.1		mg/Kg-dry	10	2/20/2020
Vanadium	32	1.1		mg/Kg-dry	10	2/20/2020
Zinc	76	5.4		mg/Kg-dry	10	2/20/2020
<b>SPLP Metals by ICP/MS</b>	<b>SW1312/6020A (SW3005A)</b>		Prep Date: 2/18/2020		Analyst: MDT	
Arsenic	ND	0.0040		mg/L	2	2/19/2020
Barium	ND	0.020		mg/L	2	2/19/2020
Beryllium	ND	0.0020		mg/L	2	2/19/2020
Cadmium	ND	0.0020		mg/L	2	2/19/2020
Chromium	ND	0.0080		mg/L	2	2/19/2020
Cobalt	ND	0.0040		mg/L	2	2/19/2020
Copper	ND	0.020		mg/L	2	2/19/2020
Iron	1.7	0.20		mg/L	2	2/19/2020
Lead	ND	0.0020		mg/L	2	2/19/2020
Manganese	0.0083	0.0040		mg/L	2	2/19/2020
Nickel	ND	0.0080		mg/L	2	2/19/2020
Selenium	ND	0.0040		mg/L	2	2/19/2020
Silver	ND	0.0040		mg/L	2	2/19/2020
Zinc	ND	0.080		mg/L	2	2/19/2020
<b>TCLP Metals by ICP/MS</b>	<b>SW1311/6020A (SW3005A)</b>		Prep Date: 2/18/2020		Analyst: MDT	
Arsenic	ND	0.010		mg/L	5	2/19/2020
Barium	0.39	0.050		mg/L	5	2/19/2020
Beryllium	ND	0.0050		mg/L	5	2/19/2020
Cadmium	ND	0.0050		mg/L	5	2/19/2020
Chromium	ND	0.010		mg/L	5	2/19/2020
Cobalt	ND	0.010		mg/L	5	2/19/2020
Copper	ND	0.10		mg/L	5	2/19/2020

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers: J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded

**STAT Analysis Corporation**

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

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

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

Date Reported: March 10, 2020

Date Printed: March 10, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-14-02 (0-1.5)

Work Order: 20020373 Revision 0

Collection Date: 2/12/2020 11:10:00 AM

Project: 81.0220509.75, IDOT WO37 Elk Grove, Elk Grove

Matrix: Soil

Lab ID: 20020373-013

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>TCLP Metals by ICP/MS</b>	<b>SW1311/6020A (SW3005A)</b>			Prep Date: <b>2/18/2020</b>		Analyst: <b>MDT</b>
Iron	ND	0.25		mg/L	5	2/19/2020
Lead	ND	0.0050		mg/L	5	2/19/2020
Manganese	0.028	0.010		mg/L	5	2/19/2020
Nickel	ND	0.010		mg/L	5	2/19/2020
Selenium	ND	0.010		mg/L	5	2/19/2020
Silver	ND	0.010		mg/L	5	2/19/2020
Zinc	ND	0.050		mg/L	5	2/19/2020
<b>TCLP Mercury</b>	<b>SW1311/7470A</b>			Prep Date: <b>2/18/2020</b>		Analyst: <b>LB</b>
Mercury	ND	0.00020		mg/L	1	2/19/2020
<b>SPLP Mercury</b>	<b>SW1312/7470A</b>			Prep Date: <b>2/24/2020</b>		Analyst: <b>LB</b>
Mercury	ND	0.00020		mg/L	1	2/27/2020
<b>Mercury</b>	<b>SW7471B</b>			Prep Date: <b>3/6/2020</b>		Analyst: <b>LB</b>
Mercury	0.032	0.023		mg/Kg-dry	1	3/9/2020
<b>pH (25 °C)</b>	<b>SW9045C</b>			Prep Date: <b>2/19/2020</b>		Analyst: <b>JAR</b>
pH	8.21			pH Units	1	2/19/2020
<b>Percent Moisture</b>	<b>D2974</b>			Prep Date: <b>2/14/2020</b>		Analyst: <b>FN</b>
Percent Moisture	19.6	0.2	*	wt%	1	2/17/2020

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

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

**STAT Analysis Corporation**

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

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

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

Date Reported: March 10, 2020

Date Printed: March 10, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-14-03 (0-4)

Work Order: 20020373 Revision 0

Collection Date: 2/12/2020 12:48:00 PM

Project: 81.0220509.75, IDOT WO37 Elk Grove, Elk Grove

Matrix: Soil

Lab ID: 20020373-014

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Volatile Organic Compounds by GC/MS</b>		<b>SW5035/8260B</b>		Prep Date: 2/14/2020		Analyst: JDT
Acetone	ND	0.081		mg/Kg-dry	1	2/20/2020
Benzene	ND	0.0054		mg/Kg-dry	1	2/20/2020
Bromodichloromethane	ND	0.0054		mg/Kg-dry	1	2/20/2020
Bromoform	ND	0.0054		mg/Kg-dry	1	2/20/2020
Bromomethane	ND	0.011		mg/Kg-dry	1	2/20/2020
2-Butanone	ND	0.081		mg/Kg-dry	1	2/20/2020
Carbon disulfide	ND	0.054		mg/Kg-dry	1	2/20/2020
Carbon tetrachloride	ND	0.0054		mg/Kg-dry	1	2/20/2020
Chlorobenzene	ND	0.0054		mg/Kg-dry	1	2/20/2020
Chloroethane	ND	0.011		mg/Kg-dry	1	2/20/2020
Chloroform	ND	0.0054		mg/Kg-dry	1	2/20/2020
Chloromethane	ND	0.011		mg/Kg-dry	1	2/20/2020
Dibromochloromethane	ND	0.0054		mg/Kg-dry	1	2/20/2020
1,1-Dichloroethane	ND	0.0054		mg/Kg-dry	1	2/20/2020
1,2-Dichloroethane	ND	0.0054		mg/Kg-dry	1	2/20/2020
1,1-Dichloroethene	ND	0.0054		mg/Kg-dry	1	2/20/2020
cis-1,2-Dichloroethene	ND	0.0054		mg/Kg-dry	1	2/20/2020
trans-1,2-Dichloroethene	ND	0.0054		mg/Kg-dry	1	2/20/2020
1,2-Dichloropropane	ND	0.0054		mg/Kg-dry	1	2/20/2020
cis-1,3-Dichloropropene	ND	0.0022		mg/Kg-dry	1	2/20/2020
trans-1,3-Dichloropropene	ND	0.0022		mg/Kg-dry	1	2/20/2020
Ethylbenzene	ND	0.0054		mg/Kg-dry	1	2/20/2020
2-Hexanone	ND	0.022		mg/Kg-dry	1	2/20/2020
4-Methyl-2-pentanone	ND	0.022		mg/Kg-dry	1	2/20/2020
Methylene chloride	ND	0.011		mg/Kg-dry	1	2/20/2020
Methyl tert-butyl ether	ND	0.0054		mg/Kg-dry	1	2/20/2020
Styrene	ND	0.0054		mg/Kg-dry	1	2/20/2020
1,1,2,2-Tetrachloroethane	ND	0.0054		mg/Kg-dry	1	2/20/2020
Tetrachloroethene	ND	0.0054		mg/Kg-dry	1	2/20/2020
Toluene	ND	0.0054		mg/Kg-dry	1	2/20/2020
1,1,1-Trichloroethane	ND	0.0054		mg/Kg-dry	1	2/20/2020
1,1,2-Trichloroethane	ND	0.0054		mg/Kg-dry	1	2/20/2020
Trichloroethene	ND	0.0054		mg/Kg-dry	1	2/20/2020
Vinyl chloride	ND	0.0054		mg/Kg-dry	1	2/20/2020
Xylenes, Total	ND	0.016		mg/Kg-dry	1	2/20/2020
<b>Semivolatile Organic Compounds by GC/MS</b>		<b>SW8270D (SW3550B)</b>		Prep Date: 2/14/2020		Analyst: TEM
Acenaphthene	ND	0.038		mg/Kg-dry	1	2/18/2020
Acenaphthylene	ND	0.038		mg/Kg-dry	1	2/18/2020

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

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

**STAT Analysis Corporation**

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

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

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

Date Reported: March 10, 2020

Date Printed: March 10, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-14-03 (0-4)

Work Order: 20020373 Revision 0

Collection Date: 2/12/2020 12:48:00 PM

Project: 81.0220509.75, IDOT WO37 Elk Grove, Elk Grove

Matrix: Soil

Lab ID: 20020373-014

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Semivolatile Organic Compounds by GC/MS</b>	<b>SW8270D (SW3550B)</b>				Prep Date: 2/14/2020	Analyst: TEM
Aniline	ND	0.38		mg/Kg-dry	1	2/18/2020
Anthracene	ND	0.038		mg/Kg-dry	1	2/18/2020
Benz(a)anthracene	ND	0.038		mg/Kg-dry	1	2/18/2020
Benzidine	ND	0.38		mg/Kg-dry	1	2/18/2020
Benzo(a)pyrene	ND	0.038		mg/Kg-dry	1	2/18/2020
Benzo(b)fluoranthene	ND	0.038		mg/Kg-dry	1	2/18/2020
Benzo(g,h,i)perylene	ND	0.038		mg/Kg-dry	1	2/18/2020
Benzo(k)fluoranthene	ND	0.038		mg/Kg-dry	1	2/18/2020
Benzoic acid	ND	0.95		mg/Kg-dry	1	2/18/2020
Benzyl alcohol	ND	0.20		mg/Kg-dry	1	2/18/2020
Bis(2-chloroethoxy)methane	ND	0.20		mg/Kg-dry	1	2/18/2020
Bis(2-chloroethyl)ether	ND	0.20		mg/Kg-dry	1	2/18/2020
Bis(2-ethylhexyl)phthalate	ND	0.95		mg/Kg-dry	1	2/18/2020
4-Bromophenyl phenyl ether	ND	0.20		mg/Kg-dry	1	2/18/2020
Butyl benzyl phthalate	ND	0.20		mg/Kg-dry	1	2/18/2020
Carbazole	ND	0.20		mg/Kg-dry	1	2/18/2020
4-Chloroaniline	ND	0.20		mg/Kg-dry	1	2/18/2020
4-Chloro-3-methylphenol	ND	0.38		mg/Kg-dry	1	2/18/2020
2-Chloronaphthalene	ND	0.20		mg/Kg-dry	1	2/18/2020
2-Chlorophenol	ND	0.20		mg/Kg-dry	1	2/18/2020
4-Chlorophenyl phenyl ether	ND	0.20		mg/Kg-dry	1	2/18/2020
Chrysene	ND	0.038		mg/Kg-dry	1	2/18/2020
Dibenz(a,h)anthracene	ND	0.038		mg/Kg-dry	1	2/18/2020
Dibenzofuran	ND	0.20		mg/Kg-dry	1	2/18/2020
1,2-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	2/18/2020
1,3-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	2/18/2020
1,4-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	2/18/2020
3,3'-Dichlorobenzidine	ND	0.20		mg/Kg-dry	1	2/18/2020
2,4-Dichlorophenol	ND	0.20		mg/Kg-dry	1	2/18/2020
Diethyl phthalate	ND	0.20		mg/Kg-dry	1	2/18/2020
2,4-Dimethylphenol	ND	0.20		mg/Kg-dry	1	2/18/2020
Dimethyl phthalate	ND	0.20		mg/Kg-dry	1	2/18/2020
4,6-Dinitro-2-methylphenol	ND	0.38		mg/Kg-dry	1	2/18/2020
2,4-Dinitrophenol	ND	0.95		mg/Kg-dry	1	2/18/2020
2,4-Dinitrotoluene	ND	0.038		mg/Kg-dry	1	2/18/2020
2,6-Dinitrotoluene	ND	0.038		mg/Kg-dry	1	2/18/2020
Di-n-butyl phthalate	ND	0.20		mg/Kg-dry	1	2/18/2020
Di-n-octyl phthalate	ND	0.20		mg/Kg-dry	1	2/18/2020

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

**Qualifiers:**

J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded

**STAT Analysis Corporation**

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

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

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

Date Reported: March 10, 2020

Date Printed: March 10, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-14-03 (0-4)

Work Order: 20020373 Revision 0

Collection Date: 2/12/2020 12:48:00 PM

Project: 81.0220509.75, IDOT WO37 Elk Grove, Elk Grove

Matrix: Soil

Lab ID: 20020373-014

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Semivolatile Organic Compounds by GC/MS</b>		<b>SW8270D (SW3550B)</b>		Prep Date: 2/14/2020		Analyst: TEM
Fluoranthene	ND	0.038		mg/Kg-dry	1	2/18/2020
Fluorene	ND	0.038		mg/Kg-dry	1	2/18/2020
Hexachlorobenzene	ND	0.20		mg/Kg-dry	1	2/18/2020
Hexachlorobutadiene	ND	0.20		mg/Kg-dry	1	2/18/2020
Hexachlorocyclopentadiene	ND	0.20		mg/Kg-dry	1	2/18/2020
Hexachloroethane	ND	0.20		mg/Kg-dry	1	2/18/2020
Indeno(1,2,3-cd)pyrene	ND	0.038		mg/Kg-dry	1	2/18/2020
Isophorone	ND	0.20		mg/Kg-dry	1	2/18/2020
2-Methylnaphthalene	ND	0.20		mg/Kg-dry	1	2/18/2020
2-Methylphenol	ND	0.20		mg/Kg-dry	1	2/18/2020
4-Methylphenol	ND	0.20		mg/Kg-dry	1	2/18/2020
Naphthalene	ND	0.038		mg/Kg-dry	1	2/18/2020
2-Nitroaniline	ND	0.20		mg/Kg-dry	1	2/18/2020
3-Nitroaniline	ND	0.20		mg/Kg-dry	1	2/18/2020
4-Nitroaniline	ND	0.20		mg/Kg-dry	1	2/18/2020
2-Nitrophenol	ND	0.20		mg/Kg-dry	1	2/18/2020
4-Nitrophenol	ND	0.38		mg/Kg-dry	1	2/18/2020
Nitrobenzene	ND	0.038		mg/Kg-dry	1	2/18/2020
N-Nitrosodi-n-propylamine	ND	0.038		mg/Kg-dry	1	2/18/2020
N-Nitrosodimethylamine	ND	0.20		mg/Kg-dry	1	2/18/2020
N-Nitrosodiphenylamine	ND	0.038		mg/Kg-dry	1	2/18/2020
2, 2'-oxybis(1-Chloropropane)	ND	0.20		mg/Kg-dry	1	2/18/2020
Pentachlorophenol	ND	0.038		mg/Kg-dry	1	2/18/2020
Phenanthrene	ND	0.038		mg/Kg-dry	1	2/18/2020
Phenol	ND	0.20		mg/Kg-dry	1	2/18/2020
Pyrene	ND	0.038		mg/Kg-dry	1	2/18/2020
Pyridine	ND	0.77		mg/Kg-dry	1	2/18/2020
1,2,4-Trichlorobenzene	ND	0.20		mg/Kg-dry	1	2/18/2020
2,4,5-Trichlorophenol	ND	0.20		mg/Kg-dry	1	2/18/2020
2,4,6-Trichlorophenol	ND	0.20		mg/Kg-dry	1	2/18/2020
<b>Metals by ICP/MS</b>		<b>SW6020A (SW3050B)</b>		Prep Date: 2/19/2020		Analyst: MDT
Antimony	ND	2.1		mg/Kg-dry	10	2/20/2020
Arsenic	6.4	1.0		mg/Kg-dry	10	2/20/2020
Barium	74	1.0		mg/Kg-dry	10	2/20/2020
Beryllium	0.52	0.51		mg/Kg-dry	10	2/20/2020
Cadmium	ND	0.51		mg/Kg-dry	10	2/20/2020
Calcium	90000	62		mg/Kg-dry	10	2/20/2020
Chromium	22	1.0		mg/Kg-dry	10	2/20/2020

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers: J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded

**STAT Analysis Corporation**

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

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

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

Date Reported: March 10, 2020

Date Printed: March 10, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-14-03 (0-4)

Work Order: 20020373 Revision 0

Collection Date: 2/12/2020 12:48:00 PM

Project: 81.0220509.75, IDOT WO37 Elk Grove, Elk Grove

Matrix: Soil

Lab ID: 20020373-014

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Metals by ICP/MS</b>	<b>SW6020A (SW3050B)</b>		Prep Date: <b>2/19/2020</b>		Analyst: <b>MDT</b>	
Cobalt	8.4	1.0		mg/Kg-dry	10	2/20/2020
Copper	20	2.6		mg/Kg-dry	10	2/20/2020
Iron	22000	31		mg/Kg-dry	10	2/20/2020
Lead	12	0.51		mg/Kg-dry	10	2/20/2020
Magnesium	37000	31		mg/Kg-dry	10	2/20/2020
Manganese	450	1.0		mg/Kg-dry	10	2/20/2020
Nickel	27	1.0		mg/Kg-dry	10	2/20/2020
Potassium	2300	31		mg/Kg-dry	10	2/20/2020
Selenium	ND	1.0		mg/Kg-dry	10	2/20/2020
Silver	ND	1.0		mg/Kg-dry	10	2/20/2020
Sodium	330	62		mg/Kg-dry	10	2/20/2020
Thallium	ND	1.0		mg/Kg-dry	10	2/20/2020
Vanadium	25	1.0		mg/Kg-dry	10	2/20/2020
Zinc	54	5.1		mg/Kg-dry	10	2/20/2020
<b>SPLP Metals by ICP/MS</b>	<b>SW1312/6020A (SW3005A)</b>		Prep Date: <b>2/18/2020</b>		Analyst: <b>MDT</b>	
Arsenic	ND	0.0040		mg/L	2	2/19/2020
Barium	ND	0.020		mg/L	2	2/19/2020
Beryllium	ND	0.0020		mg/L	2	2/19/2020
Cadmium	ND	0.0020		mg/L	2	2/19/2020
Chromium	ND	0.0080		mg/L	2	2/19/2020
Cobalt	ND	0.0040		mg/L	2	2/19/2020
Copper	ND	0.020		mg/L	2	2/19/2020
Iron	2.5	0.20		mg/L	2	2/19/2020
Lead	ND	0.0020		mg/L	2	2/19/2020
Manganese	0.010	0.0040		mg/L	2	2/19/2020
Nickel	ND	0.0080		mg/L	2	2/19/2020
Selenium	ND	0.0040		mg/L	2	2/19/2020
Silver	ND	0.0040		mg/L	2	2/19/2020
Zinc	ND	0.080		mg/L	2	2/19/2020
<b>TCLP Metals by ICP/MS</b>	<b>SW1311/6020A (SW3005A)</b>		Prep Date: <b>2/18/2020</b>		Analyst: <b>MDT</b>	
Arsenic	ND	0.010		mg/L	5	2/19/2020
Barium	0.44	0.050		mg/L	5	2/19/2020
Beryllium	ND	0.0050		mg/L	5	2/19/2020
Cadmium	ND	0.0050		mg/L	5	2/19/2020
Chromium	ND	0.010		mg/L	5	2/19/2020
Cobalt	ND	0.010		mg/L	5	2/19/2020
Copper	ND	0.10		mg/L	5	2/19/2020

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers: J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded



**STAT Analysis Corporation**

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

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

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

Date Reported: March 10, 2020

Date Printed: March 10, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-14-03 (0-4)

Work Order: 20020373 Revision 0

Collection Date: 2/12/2020 12:48:00 PM

Project: 81.0220509.75, IDOT WO37 Elk Grove, Elk Grove

Matrix: Soil

Lab ID: 20020373-014

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>TCLP Metals by ICP/MS</b>	<b>SW1311/6020A (SW3005A)</b>			Prep Date: <b>2/18/2020</b>		Analyst: <b>MDT</b>
Iron	ND	0.25		mg/L	5	2/19/2020
Lead	ND	0.0050		mg/L	5	2/19/2020
Manganese	2.2	0.010		mg/L	5	2/19/2020
Nickel	0.025	0.010		mg/L	5	2/19/2020
Selenium	ND	0.010		mg/L	5	2/19/2020
Silver	ND	0.010		mg/L	5	2/19/2020
Zinc	ND	0.050		mg/L	5	2/19/2020
<b>TCLP Mercury</b>	<b>SW1311/7470A</b>			Prep Date: <b>2/18/2020</b>		Analyst: <b>LB</b>
Mercury	ND	0.00030		mg/L	1	2/18/2020
<b>SPLP Mercury</b>	<b>SW1312/7470A</b>			Prep Date: <b>2/24/2020</b>		Analyst: <b>LB</b>
Mercury	ND	0.00020		mg/L	1	2/27/2020
<b>Mercury</b>	<b>SW7471B</b>			Prep Date: <b>3/6/2020</b>		Analyst: <b>LB</b>
Mercury	ND	0.021		mg/Kg-dry	1	3/9/2020
<b>pH (25 °C)</b>	<b>SW9045C</b>			Prep Date: <b>2/19/2020</b>		Analyst: <b>JAR</b>
pH	8.65			pH Units	1	2/19/2020
<b>Percent Moisture</b>	<b>D2974</b>			Prep Date: <b>2/14/2020</b>		Analyst: <b>FN</b>
Percent Moisture	13.1	0.2	*	wt%	1	2/17/2020

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

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

**STAT Analysis Corporation**

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

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

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

Date Reported: March 10, 2020

Date Printed: March 10, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-14-03 (4-8)

Work Order: 20020373 Revision 0

Collection Date: 2/12/2020 12:49:00 PM

Project: 81.0220509.75, IDOT WO37 Elk Grove, Elk Grove

Matrix: Soil

Lab ID: 20020373-015

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Volatile Organic Compounds by GC/MS</b>		<b>SW5035/8260B</b>		Prep Date: 2/14/2020		Analyst: JDT
Acetone	ND	0.098		mg/Kg-dry	1	2/20/2020
Benzene	ND	0.0065		mg/Kg-dry	1	2/20/2020
Bromodichloromethane	ND	0.0065		mg/Kg-dry	1	2/20/2020
Bromoform	ND	0.0065		mg/Kg-dry	1	2/20/2020
Bromomethane	ND	0.013		mg/Kg-dry	1	2/20/2020
2-Butanone	ND	0.098		mg/Kg-dry	1	2/20/2020
Carbon disulfide	ND	0.065		mg/Kg-dry	1	2/20/2020
Carbon tetrachloride	ND	0.0065		mg/Kg-dry	1	2/20/2020
Chlorobenzene	ND	0.0065		mg/Kg-dry	1	2/20/2020
Chloroethane	ND	0.013		mg/Kg-dry	1	2/20/2020
Chloroform	ND	0.0065		mg/Kg-dry	1	2/20/2020
Chloromethane	ND	0.013		mg/Kg-dry	1	2/20/2020
Dibromochloromethane	ND	0.0065		mg/Kg-dry	1	2/20/2020
1,1-Dichloroethane	ND	0.0065		mg/Kg-dry	1	2/20/2020
1,2-Dichloroethane	ND	0.0065		mg/Kg-dry	1	2/20/2020
1,1-Dichloroethene	ND	0.0065		mg/Kg-dry	1	2/20/2020
cis-1,2-Dichloroethene	ND	0.0065		mg/Kg-dry	1	2/20/2020
trans-1,2-Dichloroethene	ND	0.0065		mg/Kg-dry	1	2/20/2020
1,2-Dichloropropane	ND	0.0065		mg/Kg-dry	1	2/20/2020
cis-1,3-Dichloropropene	ND	0.0026		mg/Kg-dry	1	2/20/2020
trans-1,3-Dichloropropene	ND	0.0026		mg/Kg-dry	1	2/20/2020
Ethylbenzene	ND	0.0065		mg/Kg-dry	1	2/20/2020
2-Hexanone	ND	0.026		mg/Kg-dry	1	2/20/2020
4-Methyl-2-pentanone	ND	0.026		mg/Kg-dry	1	2/20/2020
Methylene chloride	ND	0.013		mg/Kg-dry	1	2/20/2020
Methyl tert-butyl ether	ND	0.0065		mg/Kg-dry	1	2/20/2020
Styrene	ND	0.0065		mg/Kg-dry	1	2/20/2020
1,1,2,2-Tetrachloroethane	ND	0.0065		mg/Kg-dry	1	2/20/2020
Tetrachloroethene	ND	0.0065		mg/Kg-dry	1	2/20/2020
Toluene	ND	0.0065		mg/Kg-dry	1	2/20/2020
1,1,1-Trichloroethane	ND	0.0065		mg/Kg-dry	1	2/20/2020
1,1,2-Trichloroethane	ND	0.0065		mg/Kg-dry	1	2/20/2020
Trichloroethene	ND	0.0065		mg/Kg-dry	1	2/20/2020
Vinyl chloride	ND	0.0065		mg/Kg-dry	1	2/20/2020
Xylenes, Total	ND	0.020		mg/Kg-dry	1	2/20/2020
<b>Semivolatile Organic Compounds by GC/MS</b>		<b>SW8270D (SW3550B)</b>		Prep Date: 2/14/2020		Analyst: TEM
Acenaphthene	ND	0.039		mg/Kg-dry	1	2/18/2020
Acenaphthylene	ND	0.039		mg/Kg-dry	1	2/18/2020

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

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

**STAT Analysis Corporation**

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

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

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

Date Reported: March 10, 2020

Date Printed: March 10, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-14-03 (4-8)

Work Order: 20020373 Revision 0

Collection Date: 2/12/2020 12:49:00 PM

Project: 81.0220509.75, IDOT WO37 Elk Grove, Elk Grove

Matrix: Soil

Lab ID: 20020373-015

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Semivolatile Organic Compounds by GC/MS</b>	<b>SW8270D (SW3550B)</b>				Prep Date: 2/14/2020	Analyst: TEM
Aniline	ND	0.39		mg/Kg-dry	1	2/18/2020
Anthracene	ND	0.039		mg/Kg-dry	1	2/18/2020
Benz(a)anthracene	ND	0.039		mg/Kg-dry	1	2/18/2020
Benzidine	ND	0.39		mg/Kg-dry	1	2/18/2020
Benzo(a)pyrene	ND	0.039		mg/Kg-dry	1	2/18/2020
Benzo(b)fluoranthene	ND	0.039		mg/Kg-dry	1	2/18/2020
Benzo(g,h,i)perylene	ND	0.039		mg/Kg-dry	1	2/18/2020
Benzo(k)fluoranthene	ND	0.039		mg/Kg-dry	1	2/18/2020
Benzoic acid	ND	0.98		mg/Kg-dry	1	2/18/2020
Benzyl alcohol	ND	0.20		mg/Kg-dry	1	2/18/2020
Bis(2-chloroethoxy)methane	ND	0.20		mg/Kg-dry	1	2/18/2020
Bis(2-chloroethyl)ether	ND	0.20		mg/Kg-dry	1	2/18/2020
Bis(2-ethylhexyl)phthalate	ND	0.98		mg/Kg-dry	1	2/18/2020
4-Bromophenyl phenyl ether	ND	0.20		mg/Kg-dry	1	2/18/2020
Butyl benzyl phthalate	ND	0.20		mg/Kg-dry	1	2/18/2020
Carbazole	ND	0.20		mg/Kg-dry	1	2/18/2020
4-Chloroaniline	ND	0.20		mg/Kg-dry	1	2/18/2020
4-Chloro-3-methylphenol	ND	0.39		mg/Kg-dry	1	2/18/2020
2-Chloronaphthalene	ND	0.20		mg/Kg-dry	1	2/18/2020
2-Chlorophenol	ND	0.20		mg/Kg-dry	1	2/18/2020
4-Chlorophenyl phenyl ether	ND	0.20		mg/Kg-dry	1	2/18/2020
Chrysene	ND	0.039		mg/Kg-dry	1	2/18/2020
Dibenz(a,h)anthracene	ND	0.039		mg/Kg-dry	1	2/18/2020
Dibenzofuran	ND	0.20		mg/Kg-dry	1	2/18/2020
1,2-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	2/18/2020
1,3-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	2/18/2020
1,4-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	2/18/2020
3,3'-Dichlorobenzidine	ND	0.20		mg/Kg-dry	1	2/18/2020
2,4-Dichlorophenol	ND	0.20		mg/Kg-dry	1	2/18/2020
Diethyl phthalate	ND	0.20		mg/Kg-dry	1	2/18/2020
2,4-Dimethylphenol	ND	0.20		mg/Kg-dry	1	2/18/2020
Dimethyl phthalate	ND	0.20		mg/Kg-dry	1	2/18/2020
4,6-Dinitro-2-methylphenol	ND	0.39		mg/Kg-dry	1	2/18/2020
2,4-Dinitrophenol	ND	0.98		mg/Kg-dry	1	2/18/2020
2,4-Dinitrotoluene	ND	0.039		mg/Kg-dry	1	2/18/2020
2,6-Dinitrotoluene	ND	0.039		mg/Kg-dry	1	2/18/2020
Di-n-butyl phthalate	ND	0.20		mg/Kg-dry	1	2/18/2020
Di-n-octyl phthalate	ND	0.20		mg/Kg-dry	1	2/18/2020

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers: J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded

**STAT Analysis Corporation**

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

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

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

Date Reported: March 10, 2020

Date Printed: March 10, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-14-03 (4-8)

Work Order: 20020373 Revision 0

Collection Date: 2/12/2020 12:49:00 PM

Project: 81.0220509.75, IDOT WO37 Elk Grove, Elk Grove

Matrix: Soil

Lab ID: 20020373-015

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Semivolatile Organic Compounds by GC/MS</b>	<b>SW8270D (SW3550B)</b>		Prep Date: <b>2/14/2020</b>		Analyst: <b>TEM</b>	
Fluoranthene	ND	0.039		mg/Kg-dry	1	2/18/2020
Fluorene	ND	0.039		mg/Kg-dry	1	2/18/2020
Hexachlorobenzene	ND	0.20		mg/Kg-dry	1	2/18/2020
Hexachlorobutadiene	ND	0.20		mg/Kg-dry	1	2/18/2020
Hexachlorocyclopentadiene	ND	0.20		mg/Kg-dry	1	2/18/2020
Hexachloroethane	ND	0.20		mg/Kg-dry	1	2/18/2020
Indeno(1,2,3-cd)pyrene	ND	0.039		mg/Kg-dry	1	2/18/2020
Isophorone	ND	0.20		mg/Kg-dry	1	2/18/2020
2-Methylnaphthalene	ND	0.20		mg/Kg-dry	1	2/18/2020
2-Methylphenol	ND	0.20		mg/Kg-dry	1	2/18/2020
4-Methylphenol	ND	0.20		mg/Kg-dry	1	2/18/2020
Naphthalene	ND	0.039		mg/Kg-dry	1	2/18/2020
2-Nitroaniline	ND	0.20		mg/Kg-dry	1	2/18/2020
3-Nitroaniline	ND	0.20		mg/Kg-dry	1	2/18/2020
4-Nitroaniline	ND	0.20		mg/Kg-dry	1	2/18/2020
2-Nitrophenol	ND	0.20		mg/Kg-dry	1	2/18/2020
4-Nitrophenol	ND	0.39		mg/Kg-dry	1	2/18/2020
Nitrobenzene	ND	0.039		mg/Kg-dry	1	2/18/2020
N-Nitrosodi-n-propylamine	ND	0.039		mg/Kg-dry	1	2/18/2020
N-Nitrosodimethylamine	ND	0.20		mg/Kg-dry	1	2/18/2020
N-Nitrosodiphenylamine	ND	0.039		mg/Kg-dry	1	2/18/2020
2, 2'-oxybis(1-Chloropropane)	ND	0.20		mg/Kg-dry	1	2/18/2020
Pentachlorophenol	ND	0.039		mg/Kg-dry	1	2/18/2020
Phenanthrene	ND	0.039		mg/Kg-dry	1	2/18/2020
Phenol	ND	0.20		mg/Kg-dry	1	2/18/2020
Pyrene	ND	0.039		mg/Kg-dry	1	2/18/2020
Pyridine	ND	0.79		mg/Kg-dry	1	2/18/2020
1,2,4-Trichlorobenzene	ND	0.20		mg/Kg-dry	1	2/18/2020
2,4,5-Trichlorophenol	ND	0.20		mg/Kg-dry	1	2/18/2020
2,4,6-Trichlorophenol	ND	0.20		mg/Kg-dry	1	2/18/2020
<b>Metals by ICP/MS</b>	<b>SW6020A (SW3050B)</b>		Prep Date: <b>2/19/2020</b>		Analyst: <b>MDT</b>	
Antimony	ND	2.1		mg/Kg-dry	10	2/20/2020
Arsenic	9.1	1.1		mg/Kg-dry	10	2/20/2020
Barium	53	1.1		mg/Kg-dry	10	2/20/2020
Beryllium	ND	0.53		mg/Kg-dry	10	2/20/2020
Cadmium	ND	0.53		mg/Kg-dry	10	2/20/2020
Calcium	72000	64		mg/Kg-dry	10	2/20/2020
Chromium	21	1.1		mg/Kg-dry	10	2/20/2020

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

**Qualifiers:**

J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded

**STAT Analysis Corporation**

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

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

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

Date Reported: March 10, 2020

Date Printed: March 10, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-14-03 (4-8)

Work Order: 20020373 Revision 0

Collection Date: 2/12/2020 12:49:00 PM

Project: 81.0220509.75, IDOT WO37 Elk Grove, Elk Grove

Matrix: Soil

Lab ID: 20020373-015

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Metals by ICP/MS</b>		<b>SW6020A (SW3050B)</b>		Prep Date: 2/19/2020		Analyst: MDT
Cobalt	12	1.1		mg/Kg-dry	10	2/20/2020
Copper	22	2.7		mg/Kg-dry	10	2/20/2020
Iron	24000	32		mg/Kg-dry	10	2/20/2020
Lead	13	0.53		mg/Kg-dry	10	2/20/2020
Magnesium	33000	32		mg/Kg-dry	10	2/20/2020
Manganese	450	1.1		mg/Kg-dry	10	2/20/2020
Nickel	33	1.1		mg/Kg-dry	10	2/20/2020
Potassium	2400	32		mg/Kg-dry	10	2/20/2020
Selenium	ND	1.1		mg/Kg-dry	10	2/20/2020
Silver	ND	1.1		mg/Kg-dry	10	2/20/2020
Sodium	340	64		mg/Kg-dry	10	2/20/2020
Thallium	ND	1.1		mg/Kg-dry	10	2/20/2020
Vanadium	23	1.1		mg/Kg-dry	10	2/20/2020
Zinc	53	5.3		mg/Kg-dry	10	2/20/2020
<b>SPLP Metals by ICP/MS</b>		<b>SW1312/6020A (SW3005A)</b>		Prep Date: 2/18/2020		Analyst: MDT
Arsenic	ND	0.0040		mg/L	2	2/19/2020
Barium	0.030	0.020		mg/L	2	2/19/2020
Beryllium	ND	0.0020		mg/L	2	2/19/2020
Cadmium	ND	0.0020		mg/L	2	2/19/2020
Chromium	0.0096	0.0080		mg/L	2	2/19/2020
Cobalt	ND	0.0040		mg/L	2	2/19/2020
Copper	ND	0.020		mg/L	2	2/19/2020
Iron	6.4	0.20		mg/L	2	2/19/2020
Lead	0.0026	0.0020		mg/L	2	2/19/2020
Manganese	0.034	0.0040		mg/L	2	2/19/2020
Nickel	0.0085	0.0080		mg/L	2	2/19/2020
Selenium	ND	0.0040		mg/L	2	2/19/2020
Silver	ND	0.0040		mg/L	2	2/19/2020
Zinc	ND	0.080		mg/L	2	2/19/2020
<b>TCLP Metals by ICP/MS</b>		<b>SW1311/6020A (SW3005A)</b>		Prep Date: 2/18/2020		Analyst: MDT
Arsenic	ND	0.010		mg/L	5	2/19/2020
Barium	0.24	0.050		mg/L	5	2/19/2020
Beryllium	ND	0.0050		mg/L	5	2/19/2020
Cadmium	ND	0.0050		mg/L	5	2/19/2020
Chromium	ND	0.010		mg/L	5	2/19/2020
Cobalt	ND	0.010		mg/L	5	2/19/2020
Copper	ND	0.10		mg/L	5	2/19/2020

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

**Qualifiers:**

J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded

**STAT Analysis Corporation**

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

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

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

Date Reported: March 10, 2020

Date Printed: March 10, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-14-03 (4-8)

Work Order: 20020373 Revision 0

Collection Date: 2/12/2020 12:49:00 PM

Project: 81.0220509.75, IDOT WO37 Elk Grove, Elk Grove

Matrix: Soil

Lab ID: 20020373-015

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>TCLP Metals by ICP/MS</b>	<b>SW1311/6020A (SW3005A)</b>			Prep Date: <b>2/18/2020</b>		Analyst: <b>MDT</b>
Iron	ND	0.25		mg/L	5	2/19/2020
Lead	ND	0.0050		mg/L	5	2/19/2020
Manganese	0.28	0.010		mg/L	5	2/19/2020
Nickel	ND	0.010		mg/L	5	2/19/2020
Selenium	ND	0.010		mg/L	5	2/19/2020
Silver	ND	0.010		mg/L	5	2/19/2020
Zinc	ND	0.050		mg/L	5	2/19/2020
<b>TCLP Mercury</b>	<b>SW1311/7470A</b>			Prep Date: <b>2/18/2020</b>		Analyst: <b>LB</b>
Mercury	ND	0.00020		mg/L	1	2/19/2020
<b>SPLP Mercury</b>	<b>SW1312/7470A</b>			Prep Date: <b>2/24/2020</b>		Analyst: <b>LB</b>
Mercury	ND	0.00020		mg/L	1	2/27/2020
<b>Mercury</b>	<b>SW7471B</b>			Prep Date: <b>3/6/2020</b>		Analyst: <b>LB</b>
Mercury	ND	0.020		mg/Kg-dry	1	3/9/2020
<b>pH (25 °C)</b>	<b>SW9045C</b>			Prep Date: <b>2/19/2020</b>		Analyst: <b>JAR</b>
pH	8.69			pH Units	1	2/19/2020
<b>Percent Moisture</b>	<b>D2974</b>			Prep Date: <b>2/14/2020</b>		Analyst: <b>FN</b>
Percent Moisture	15.2	0.2	*	wt%	1	2/17/2020

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

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

**STAT Analysis Corporation**

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

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

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

Date Reported: March 10, 2020

Date Printed: March 10, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-14-05 (0-4)

Work Order: 20020373 Revision 0

Collection Date: 2/12/2020 1:02:00 PM

Project: 81.0220509.75, IDOT WO37 Elk Grove, Elk Grove

Matrix: Soil

Lab ID: 20020373-018

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Volatile Organic Compounds by GC/MS</b>		<b>SW5035/8260B</b>		Prep Date: 2/14/2020		Analyst: JDT
Acetone	ND	0.091		mg/Kg-dry	1	2/20/2020
Benzene	ND	0.0060		mg/Kg-dry	1	2/20/2020
Bromodichloromethane	ND	0.0060		mg/Kg-dry	1	2/20/2020
Bromoform	ND	0.0060		mg/Kg-dry	1	2/20/2020
Bromomethane	ND	0.012		mg/Kg-dry	1	2/20/2020
2-Butanone	ND	0.091		mg/Kg-dry	1	2/20/2020
Carbon disulfide	ND	0.060		mg/Kg-dry	1	2/20/2020
Carbon tetrachloride	ND	0.0060		mg/Kg-dry	1	2/20/2020
Chlorobenzene	ND	0.0060		mg/Kg-dry	1	2/20/2020
Chloroethane	ND	0.012		mg/Kg-dry	1	2/20/2020
Chloroform	ND	0.0060		mg/Kg-dry	1	2/20/2020
Chloromethane	ND	0.012		mg/Kg-dry	1	2/20/2020
Dibromochloromethane	ND	0.0060		mg/Kg-dry	1	2/20/2020
1,1-Dichloroethane	ND	0.0060		mg/Kg-dry	1	2/20/2020
1,2-Dichloroethane	ND	0.0060		mg/Kg-dry	1	2/20/2020
1,1-Dichloroethene	ND	0.0060		mg/Kg-dry	1	2/20/2020
cis-1,2-Dichloroethene	ND	0.0060		mg/Kg-dry	1	2/20/2020
trans-1,2-Dichloroethene	ND	0.0060		mg/Kg-dry	1	2/20/2020
1,2-Dichloropropane	ND	0.0060		mg/Kg-dry	1	2/20/2020
cis-1,3-Dichloropropene	ND	0.0024		mg/Kg-dry	1	2/20/2020
trans-1,3-Dichloropropene	ND	0.0024		mg/Kg-dry	1	2/20/2020
Ethylbenzene	ND	0.0060		mg/Kg-dry	1	2/20/2020
2-Hexanone	ND	0.024		mg/Kg-dry	1	2/20/2020
4-Methyl-2-pentanone	ND	0.024		mg/Kg-dry	1	2/20/2020
Methylene chloride	ND	0.012		mg/Kg-dry	1	2/20/2020
Methyl tert-butyl ether	ND	0.0060		mg/Kg-dry	1	2/20/2020
Styrene	ND	0.0060		mg/Kg-dry	1	2/20/2020
1,1,2,2-Tetrachloroethane	ND	0.0060		mg/Kg-dry	1	2/20/2020
Tetrachloroethene	ND	0.0060		mg/Kg-dry	1	2/20/2020
Toluene	ND	0.0060		mg/Kg-dry	1	2/20/2020
1,1,1-Trichloroethane	ND	0.0060		mg/Kg-dry	1	2/20/2020
1,1,2-Trichloroethane	ND	0.0060		mg/Kg-dry	1	2/20/2020
Trichloroethene	ND	0.0060		mg/Kg-dry	1	2/20/2020
Vinyl chloride	ND	0.0060		mg/Kg-dry	1	2/20/2020
Xylenes, Total	ND	0.018		mg/Kg-dry	1	2/20/2020
<b>Semivolatile Organic Compounds by GC/MS</b>		<b>SW8270D (SW3550B)</b>		Prep Date: 2/14/2020		Analyst: TEM
Acenaphthene	ND	0.041		mg/Kg-dry	1	2/18/2020
Acenaphthylene	ND	0.041		mg/Kg-dry	1	2/18/2020

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

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

**STAT Analysis Corporation**

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

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

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

Date Reported: March 10, 2020

Date Printed: March 10, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-14-05 (0-4)

Work Order: 20020373 Revision 0

Collection Date: 2/12/2020 1:02:00 PM

Project: 81.0220509.75, IDOT WO37 Elk Grove, Elk Grove

Matrix: Soil

Lab ID: 20020373-018

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Semivolatile Organic Compounds by GC/MS</b>	<b>SW8270D (SW3550B)</b>				Prep Date: 2/14/2020	Analyst: TEM
Aniline	ND	0.42		mg/Kg-dry	1	2/18/2020
Anthracene	ND	0.041		mg/Kg-dry	1	2/18/2020
Benz(a)anthracene	ND	0.041		mg/Kg-dry	1	2/18/2020
Benzidine	ND	0.41		mg/Kg-dry	1	2/18/2020
Benzo(a)pyrene	ND	0.041		mg/Kg-dry	1	2/18/2020
Benzo(b)fluoranthene	ND	0.041		mg/Kg-dry	1	2/18/2020
Benzo(g,h,i)perylene	ND	0.041		mg/Kg-dry	1	2/18/2020
Benzo(k)fluoranthene	ND	0.041		mg/Kg-dry	1	2/18/2020
Benzoic acid	ND	1.0		mg/Kg-dry	1	2/18/2020
Benzyl alcohol	ND	0.21		mg/Kg-dry	1	2/18/2020
Bis(2-chloroethoxy)methane	ND	0.21		mg/Kg-dry	1	2/18/2020
Bis(2-chloroethyl)ether	ND	0.21		mg/Kg-dry	1	2/18/2020
Bis(2-ethylhexyl)phthalate	ND	1.0		mg/Kg-dry	1	2/18/2020
4-Bromophenyl phenyl ether	ND	0.21		mg/Kg-dry	1	2/18/2020
Butyl benzyl phthalate	ND	0.21		mg/Kg-dry	1	2/18/2020
Carbazole	ND	0.21		mg/Kg-dry	1	2/18/2020
4-Chloroaniline	ND	0.21		mg/Kg-dry	1	2/18/2020
4-Chloro-3-methylphenol	ND	0.41		mg/Kg-dry	1	2/18/2020
2-Chloronaphthalene	ND	0.21		mg/Kg-dry	1	2/18/2020
2-Chlorophenol	ND	0.21		mg/Kg-dry	1	2/18/2020
4-Chlorophenyl phenyl ether	ND	0.21		mg/Kg-dry	1	2/18/2020
Chrysene	ND	0.041		mg/Kg-dry	1	2/18/2020
Dibenz(a,h)anthracene	ND	0.041		mg/Kg-dry	1	2/18/2020
Dibenzofuran	ND	0.21		mg/Kg-dry	1	2/18/2020
1,2-Dichlorobenzene	ND	0.21		mg/Kg-dry	1	2/18/2020
1,3-Dichlorobenzene	ND	0.21		mg/Kg-dry	1	2/18/2020
1,4-Dichlorobenzene	ND	0.21		mg/Kg-dry	1	2/18/2020
3,3'-Dichlorobenzidine	ND	0.21		mg/Kg-dry	1	2/18/2020
2,4-Dichlorophenol	ND	0.21		mg/Kg-dry	1	2/18/2020
Diethyl phthalate	ND	0.21		mg/Kg-dry	1	2/18/2020
2,4-Dimethylphenol	ND	0.21		mg/Kg-dry	1	2/18/2020
Dimethyl phthalate	ND	0.21		mg/Kg-dry	1	2/18/2020
4,6-Dinitro-2-methylphenol	ND	0.41		mg/Kg-dry	1	2/18/2020
2,4-Dinitrophenol	ND	1.0		mg/Kg-dry	1	2/18/2020
2,4-Dinitrotoluene	ND	0.041		mg/Kg-dry	1	2/18/2020
2,6-Dinitrotoluene	ND	0.041		mg/Kg-dry	1	2/18/2020
Di-n-butyl phthalate	ND	0.21		mg/Kg-dry	1	2/18/2020
Di-n-octyl phthalate	ND	0.21		mg/Kg-dry	1	2/18/2020

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

**Qualifiers:**

J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded



**STAT Analysis Corporation**

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

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

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

Date Reported: March 10, 2020

Date Printed: March 10, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-14-05 (0-4)

Work Order: 20020373 Revision 0

Collection Date: 2/12/2020 1:02:00 PM

Project: 81.0220509.75, IDOT WO37 Elk Grove, Elk Grove

Matrix: Soil

Lab ID: 20020373-018

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Semivolatile Organic Compounds by GC/MS</b>		<b>SW8270D (SW3550B)</b>		Prep Date: 2/14/2020		Analyst: TEM
Fluoranthene	0.041	0.041		mg/Kg-dry	1	2/18/2020
Fluorene	ND	0.041		mg/Kg-dry	1	2/18/2020
Hexachlorobenzene	ND	0.21		mg/Kg-dry	1	2/18/2020
Hexachlorobutadiene	ND	0.21		mg/Kg-dry	1	2/18/2020
Hexachlorocyclopentadiene	ND	0.21		mg/Kg-dry	1	2/18/2020
Hexachloroethane	ND	0.21		mg/Kg-dry	1	2/18/2020
Indeno(1,2,3-cd)pyrene	ND	0.041		mg/Kg-dry	1	2/18/2020
Isophorone	ND	0.21		mg/Kg-dry	1	2/18/2020
2-Methylnaphthalene	ND	0.21		mg/Kg-dry	1	2/18/2020
2-Methylphenol	ND	0.21		mg/Kg-dry	1	2/18/2020
4-Methylphenol	ND	0.21		mg/Kg-dry	1	2/18/2020
Naphthalene	ND	0.041		mg/Kg-dry	1	2/18/2020
2-Nitroaniline	ND	0.21		mg/Kg-dry	1	2/18/2020
3-Nitroaniline	ND	0.21		mg/Kg-dry	1	2/18/2020
4-Nitroaniline	ND	0.21		mg/Kg-dry	1	2/18/2020
2-Nitrophenol	ND	0.21		mg/Kg-dry	1	2/18/2020
4-Nitrophenol	ND	0.41		mg/Kg-dry	1	2/18/2020
Nitrobenzene	ND	0.041		mg/Kg-dry	1	2/18/2020
N-Nitrosodi-n-propylamine	ND	0.041		mg/Kg-dry	1	2/18/2020
N-Nitrosodimethylamine	ND	0.21		mg/Kg-dry	1	2/18/2020
N-Nitrosodiphenylamine	ND	0.041		mg/Kg-dry	1	2/18/2020
2, 2'-oxybis(1-Chloropropane)	ND	0.21		mg/Kg-dry	1	2/18/2020
Pentachlorophenol	ND	0.041		mg/Kg-dry	1	2/18/2020
Phenanthrene	ND	0.041		mg/Kg-dry	1	2/18/2020
Phenol	ND	0.21		mg/Kg-dry	1	2/18/2020
Pyrene	ND	0.041		mg/Kg-dry	1	2/18/2020
Pyridine	ND	0.84		mg/Kg-dry	1	2/18/2020
1,2,4-Trichlorobenzene	ND	0.21		mg/Kg-dry	1	2/18/2020
2,4,5-Trichlorophenol	ND	0.21		mg/Kg-dry	1	2/18/2020
2,4,6-Trichlorophenol	ND	0.21		mg/Kg-dry	1	2/18/2020
<b>Metals by ICP/MS</b>		<b>SW6020A (SW3050B)</b>		Prep Date: 2/19/2020		Analyst: MDT
Antimony	ND	2.2		mg/Kg-dry	10	2/20/2020
Arsenic	7.7	1.1		mg/Kg-dry	10	2/20/2020
Barium	100	1.1		mg/Kg-dry	10	2/20/2020
Beryllium	0.62	0.54		mg/Kg-dry	10	2/20/2020
Cadmium	ND	0.54		mg/Kg-dry	10	2/20/2020
Calcium	29000	65		mg/Kg-dry	10	2/20/2020
Chromium	24	1.1		mg/Kg-dry	10	2/20/2020

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers: J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded

**STAT Analysis Corporation**

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

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

Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: March 10, 2020

Date Printed: March 10, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-14-05 (0-4)

Work Order: 20020373 Revision 0

Collection Date: 2/12/2020 1:02:00 PM

Project: 81.0220509.75, IDOT WO37 Elk Grove, Elk Grove

Matrix: Soil

Lab ID: 20020373-018

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Metals by ICP/MS</b>		<b>SW6020A (SW3050B)</b>		Prep Date: 2/19/2020		Analyst: MDT
Cobalt	11	1.1		mg/Kg-dry	10	2/20/2020
Copper	28	2.7		mg/Kg-dry	10	2/20/2020
Iron	25000	33		mg/Kg-dry	10	2/20/2020
Lead	46	0.54		mg/Kg-dry	10	2/20/2020
Magnesium	18000	33		mg/Kg-dry	10	2/20/2020
Manganese	640	1.1		mg/Kg-dry	10	2/20/2020
Nickel	32	1.1		mg/Kg-dry	10	2/20/2020
Potassium	1900	33		mg/Kg-dry	10	2/20/2020
Selenium	ND	1.1		mg/Kg-dry	10	2/20/2020
Silver	ND	1.1		mg/Kg-dry	10	2/20/2020
Sodium	560	65		mg/Kg-dry	10	2/20/2020
Thallium	ND	1.1		mg/Kg-dry	10	2/20/2020
Vanadium	29	1.1		mg/Kg-dry	10	2/20/2020
Zinc	79	5.4		mg/Kg-dry	10	2/20/2020
<b>SPLP Metals by ICP/MS</b>		<b>SW1312/6020A (SW3005A)</b>		Prep Date: 2/18/2020		Analyst: MDT
Arsenic	ND	0.0040		mg/L	2	2/19/2020
Barium	ND	0.020		mg/L	2	2/19/2020
Beryllium	ND	0.0020		mg/L	2	2/19/2020
Cadmium	ND	0.0020		mg/L	2	2/19/2020
Chromium	ND	0.0080		mg/L	2	2/19/2020
Cobalt	ND	0.0040		mg/L	2	2/19/2020
Copper	ND	0.020		mg/L	2	2/19/2020
Iron	4.1	0.20		mg/L	2	2/19/2020
Lead	0.0033	0.0020		mg/L	2	2/19/2020
Manganese	0.016	0.0040		mg/L	2	2/19/2020
Nickel	ND	0.0080		mg/L	2	2/19/2020
Selenium	ND	0.0040		mg/L	2	2/19/2020
Silver	ND	0.0040		mg/L	2	2/19/2020
Zinc	ND	0.080		mg/L	2	2/19/2020
<b>TCLP Metals by ICP/MS</b>		<b>SW1311/6020A (SW3005A)</b>		Prep Date: 2/18/2020		Analyst: MDT
Arsenic	ND	0.010		mg/L	5	2/19/2020
Barium	0.31	0.050		mg/L	5	2/19/2020
Beryllium	ND	0.0050		mg/L	5	2/19/2020
Cadmium	ND	0.0050		mg/L	5	2/19/2020
Chromium	ND	0.010		mg/L	5	2/19/2020
Cobalt	ND	0.010		mg/L	5	2/19/2020
Copper	ND	0.10		mg/L	5	2/19/2020

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers: J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded

**STAT Analysis Corporation**

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: March 10, 2020

Date Printed: March 10, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-14-05 (0-4)

Work Order: 20020373 Revision 0

Collection Date: 2/12/2020 1:02:00 PM

Project: 81.0220509.75, IDOT WO37 Elk Grove, Elk Grove

Matrix: Soil

Lab ID: 20020373-018

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>TCLP Metals by ICP/MS</b>	<b>SW1311/6020A (SW3005A)</b>			Prep Date: <b>2/18/2020</b>		Analyst: <b>MDT</b>
Iron	ND	0.25		mg/L	5	2/19/2020
Lead	ND	0.0050		mg/L	5	2/19/2020
Manganese	0.041	0.010		mg/L	5	2/19/2020
Nickel	ND	0.010		mg/L	5	2/19/2020
Selenium	ND	0.010		mg/L	5	2/19/2020
Silver	ND	0.010		mg/L	5	2/19/2020
Zinc	ND	0.050		mg/L	5	2/19/2020
<b>TCLP Mercury</b>	<b>SW1311/7470A</b>			Prep Date: <b>2/18/2020</b>		Analyst: <b>LB</b>
Mercury	ND	0.00020		mg/L	1	2/19/2020
<b>SPLP Mercury</b>	<b>SW1312/7470A</b>			Prep Date: <b>2/24/2020</b>		Analyst: <b>LB</b>
Mercury	ND	0.00020		mg/L	1	2/27/2020
<b>Mercury</b>	<b>SW7471B</b>			Prep Date: <b>3/6/2020</b>		Analyst: <b>LB</b>
Mercury	0.036	0.024		mg/Kg-dry	1	3/9/2020
<b>pH (25 °C)</b>	<b>SW9045C</b>			Prep Date: <b>2/19/2020</b>		Analyst: <b>JAR</b>
pH	8.63			pH Units	1	2/19/2020
<b>Percent Moisture</b>	<b>D2974</b>			Prep Date: <b>2/14/2020</b>		Analyst: <b>FN</b>
Percent Moisture	20.3	0.2	*	wt%	1	2/17/2020

**Qualifiers:**

ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 HT - Sample received past holding time  
 \* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis  
 S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range  
 H - Holding time exceeded

**STAT Analysis Corporation**

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: March 10, 2020

Date Printed: March 10, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-14-05 (4-8)

Work Order: 20020373 Revision 0

Collection Date: 2/12/2020 1:03:00 PM

Project: 81.0220509.75, IDOT WO37 Elk Grove, Elk Grove

Matrix: Soil

Lab ID: 20020373-019

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Volatile Organic Compounds by GC/MS</b>	<b>SW5035/8260B</b>		Prep Date: 2/14/2020		Analyst: JDT	
Acetone	ND	0.089		mg/Kg-dry	1	2/20/2020
Benzene	ND	0.0060		mg/Kg-dry	1	2/20/2020
Bromodichloromethane	ND	0.0060		mg/Kg-dry	1	2/20/2020
Bromoform	ND	0.0060		mg/Kg-dry	1	2/20/2020
Bromomethane	ND	0.012		mg/Kg-dry	1	2/20/2020
2-Butanone	ND	0.089		mg/Kg-dry	1	2/20/2020
Carbon disulfide	ND	0.060		mg/Kg-dry	1	2/20/2020
Carbon tetrachloride	ND	0.0060		mg/Kg-dry	1	2/20/2020
Chlorobenzene	ND	0.0060		mg/Kg-dry	1	2/20/2020
Chloroethane	ND	0.012		mg/Kg-dry	1	2/20/2020
Chloroform	ND	0.0060		mg/Kg-dry	1	2/20/2020
Chloromethane	ND	0.012		mg/Kg-dry	1	2/20/2020
Dibromochloromethane	ND	0.0060		mg/Kg-dry	1	2/20/2020
1,1-Dichloroethane	ND	0.0060		mg/Kg-dry	1	2/20/2020
1,2-Dichloroethane	ND	0.0060		mg/Kg-dry	1	2/20/2020
1,1-Dichloroethene	ND	0.0060		mg/Kg-dry	1	2/20/2020
cis-1,2-Dichloroethene	ND	0.0060		mg/Kg-dry	1	2/20/2020
trans-1,2-Dichloroethene	ND	0.0060		mg/Kg-dry	1	2/20/2020
1,2-Dichloropropane	ND	0.0060		mg/Kg-dry	1	2/20/2020
cis-1,3-Dichloropropene	ND	0.0024		mg/Kg-dry	1	2/20/2020
trans-1,3-Dichloropropene	ND	0.0024		mg/Kg-dry	1	2/20/2020
Ethylbenzene	ND	0.0060		mg/Kg-dry	1	2/20/2020
2-Hexanone	ND	0.024		mg/Kg-dry	1	2/20/2020
4-Methyl-2-pentanone	ND	0.024		mg/Kg-dry	1	2/20/2020
Methylene chloride	ND	0.012		mg/Kg-dry	1	2/20/2020
Methyl tert-butyl ether	ND	0.0060		mg/Kg-dry	1	2/20/2020
Styrene	ND	0.0060		mg/Kg-dry	1	2/20/2020
1,1,2,2-Tetrachloroethane	ND	0.0060		mg/Kg-dry	1	2/20/2020
Tetrachloroethene	ND	0.0060		mg/Kg-dry	1	2/20/2020
Toluene	ND	0.0060		mg/Kg-dry	1	2/20/2020
1,1,1-Trichloroethane	ND	0.0060		mg/Kg-dry	1	2/20/2020
1,1,2-Trichloroethane	ND	0.0060		mg/Kg-dry	1	2/20/2020
Trichloroethene	ND	0.0060		mg/Kg-dry	1	2/20/2020
Vinyl chloride	ND	0.0060		mg/Kg-dry	1	2/20/2020
Xylenes, Total	ND	0.018		mg/Kg-dry	1	2/20/2020
<b>Semivolatile Organic Compounds by GC/MS</b>	<b>SW8270D (SW3550B)</b>		Prep Date: 2/14/2020		Analyst: TEM	
Acenaphthene	ND	0.038		mg/Kg-dry	1	2/18/2020
Acenaphthylene	ND	0.038		mg/Kg-dry	1	2/18/2020

**Qualifiers:**  
 ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 HT - Sample received past holding time  
 \* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis  
 S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range  
 H - Holding time exceeded

**STAT Analysis Corporation**

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: March 10, 2020

Date Printed: March 10, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-14-05 (4-8)

Work Order: 20020373 Revision 0

Collection Date: 2/12/2020 1:03:00 PM

Project: 81.0220509.75, IDOT WO37 Elk Grove, Elk Grove

Matrix: Soil

Lab ID: 20020373-019

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Semivolatile Organic Compounds by GC/MS</b>	<b>SW8270D (SW3550B)</b>				Prep Date: 2/14/2020	Analyst: TEM
Aniline	ND	0.38		mg/Kg-dry	1	2/18/2020
Anthracene	ND	0.038		mg/Kg-dry	1	2/18/2020
Benz(a)anthracene	ND	0.038		mg/Kg-dry	1	2/18/2020
Benzidine	ND	0.38		mg/Kg-dry	1	2/18/2020
Benzo(a)pyrene	ND	0.038		mg/Kg-dry	1	2/18/2020
Benzo(b)fluoranthene	ND	0.038		mg/Kg-dry	1	2/18/2020
Benzo(g,h,i)perylene	ND	0.038		mg/Kg-dry	1	2/18/2020
Benzo(k)fluoranthene	ND	0.038		mg/Kg-dry	1	2/18/2020
Benzoic acid	ND	0.95		mg/Kg-dry	1	2/18/2020
Benzyl alcohol	ND	0.20		mg/Kg-dry	1	2/18/2020
Bis(2-chloroethoxy)methane	ND	0.20		mg/Kg-dry	1	2/18/2020
Bis(2-chloroethyl)ether	ND	0.20		mg/Kg-dry	1	2/18/2020
Bis(2-ethylhexyl)phthalate	ND	0.95		mg/Kg-dry	1	2/18/2020
4-Bromophenyl phenyl ether	ND	0.20		mg/Kg-dry	1	2/18/2020
Butyl benzyl phthalate	ND	0.20		mg/Kg-dry	1	2/18/2020
Carbazole	ND	0.20		mg/Kg-dry	1	2/18/2020
4-Chloroaniline	ND	0.20		mg/Kg-dry	1	2/18/2020
4-Chloro-3-methylphenol	ND	0.38		mg/Kg-dry	1	2/18/2020
2-Chloronaphthalene	ND	0.20		mg/Kg-dry	1	2/18/2020
2-Chlorophenol	ND	0.20		mg/Kg-dry	1	2/18/2020
4-Chlorophenyl phenyl ether	ND	0.20		mg/Kg-dry	1	2/18/2020
Chrysene	ND	0.038		mg/Kg-dry	1	2/18/2020
Dibenz(a,h)anthracene	ND	0.038		mg/Kg-dry	1	2/18/2020
Dibenzofuran	ND	0.20		mg/Kg-dry	1	2/18/2020
1,2-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	2/18/2020
1,3-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	2/18/2020
1,4-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	2/18/2020
3,3'-Dichlorobenzidine	ND	0.20		mg/Kg-dry	1	2/18/2020
2,4-Dichlorophenol	ND	0.20		mg/Kg-dry	1	2/18/2020
Diethyl phthalate	ND	0.20		mg/Kg-dry	1	2/18/2020
2,4-Dimethylphenol	ND	0.20		mg/Kg-dry	1	2/18/2020
Dimethyl phthalate	ND	0.20		mg/Kg-dry	1	2/18/2020
4,6-Dinitro-2-methylphenol	ND	0.38		mg/Kg-dry	1	2/18/2020
2,4-Dinitrophenol	ND	0.95		mg/Kg-dry	1	2/18/2020
2,4-Dinitrotoluene	ND	0.038		mg/Kg-dry	1	2/18/2020
2,6-Dinitrotoluene	ND	0.038		mg/Kg-dry	1	2/18/2020
Di-n-butyl phthalate	ND	0.20		mg/Kg-dry	1	2/18/2020
Di-n-octyl phthalate	ND	0.20		mg/Kg-dry	1	2/18/2020

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

**Qualifiers:**

J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded

**STAT Analysis Corporation**

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: March 10, 2020

Date Printed: March 10, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-14-05 (4-8)

Work Order: 20020373 Revision 0

Collection Date: 2/12/2020 1:03:00 PM

Project: 81.0220509.75, IDOT WO37 Elk Grove, Elk Grove

Matrix: Soil

Lab ID: 20020373-019

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Semivolatile Organic Compounds by GC/MS</b>	<b>SW8270D (SW3550B)</b>				Prep Date: 2/14/2020	Analyst: TEM
Fluoranthene	ND	0.038		mg/Kg-dry	1	2/18/2020
Fluorene	ND	0.038		mg/Kg-dry	1	2/18/2020
Hexachlorobenzene	ND	0.20		mg/Kg-dry	1	2/18/2020
Hexachlorobutadiene	ND	0.20		mg/Kg-dry	1	2/18/2020
Hexachlorocyclopentadiene	ND	0.20		mg/Kg-dry	1	2/18/2020
Hexachloroethane	ND	0.20		mg/Kg-dry	1	2/18/2020
Indeno(1,2,3-cd)pyrene	ND	0.038		mg/Kg-dry	1	2/18/2020
Isophorone	ND	0.20		mg/Kg-dry	1	2/18/2020
2-Methylnaphthalene	ND	0.20		mg/Kg-dry	1	2/18/2020
2-Methylphenol	ND	0.20		mg/Kg-dry	1	2/18/2020
4-Methylphenol	ND	0.20		mg/Kg-dry	1	2/18/2020
Naphthalene	ND	0.038		mg/Kg-dry	1	2/18/2020
2-Nitroaniline	ND	0.20		mg/Kg-dry	1	2/18/2020
3-Nitroaniline	ND	0.20		mg/Kg-dry	1	2/18/2020
4-Nitroaniline	ND	0.20		mg/Kg-dry	1	2/18/2020
2-Nitrophenol	ND	0.20		mg/Kg-dry	1	2/18/2020
4-Nitrophenol	ND	0.38		mg/Kg-dry	1	2/18/2020
Nitrobenzene	ND	0.038		mg/Kg-dry	1	2/18/2020
N-Nitrosodi-n-propylamine	ND	0.038		mg/Kg-dry	1	2/18/2020
N-Nitrosodimethylamine	ND	0.20		mg/Kg-dry	1	2/18/2020
N-Nitrosodiphenylamine	ND	0.038		mg/Kg-dry	1	2/18/2020
2, 2'-oxybis(1-Chloropropane)	ND	0.20		mg/Kg-dry	1	2/18/2020
Pentachlorophenol	ND	0.038		mg/Kg-dry	1	2/18/2020
Phenanthrene	ND	0.038		mg/Kg-dry	1	2/18/2020
Phenol	ND	0.20		mg/Kg-dry	1	2/18/2020
Pyrene	ND	0.038		mg/Kg-dry	1	2/18/2020
Pyridine	ND	0.77		mg/Kg-dry	1	2/18/2020
1,2,4-Trichlorobenzene	ND	0.20		mg/Kg-dry	1	2/18/2020
2,4,5-Trichlorophenol	ND	0.20		mg/Kg-dry	1	2/18/2020
2,4,6-Trichlorophenol	ND	0.20		mg/Kg-dry	1	2/18/2020
<b>Metals by ICP/MS</b>	<b>SW6020A (SW3050B)</b>				Prep Date: 2/19/2020	Analyst: MDT
Antimony	ND	2.1		mg/Kg-dry	10	2/20/2020
Arsenic	7.6	1.0		mg/Kg-dry	10	2/20/2020
Barium	41	1.0		mg/Kg-dry	10	2/20/2020
Beryllium	ND	0.52		mg/Kg-dry	10	2/20/2020
Cadmium	ND	0.52		mg/Kg-dry	10	2/20/2020
Calcium	65000	62		mg/Kg-dry	10	2/20/2020
Chromium	18	1.0		mg/Kg-dry	10	2/20/2020

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers: J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded

**STAT Analysis Corporation**

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: March 10, 2020

Date Printed: March 10, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-14-05 (4-8)

Work Order: 20020373 Revision 0

Collection Date: 2/12/2020 1:03:00 PM

Project: 81.0220509.75, IDOT WO37 Elk Grove, Elk Grove

Matrix: Soil

Lab ID: 20020373-019

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Metals by ICP/MS</b>	<b>SW6020A (SW3050B)</b>		Prep Date: 2/19/2020		Analyst: MDT	
Cobalt	12	1.0		mg/Kg-dry	10	2/20/2020
Copper	22	2.6		mg/Kg-dry	10	2/20/2020
Iron	22000	31		mg/Kg-dry	10	2/20/2020
Lead	13	0.52		mg/Kg-dry	10	2/20/2020
Magnesium	32000	31		mg/Kg-dry	10	2/20/2020
Manganese	380	1.0		mg/Kg-dry	10	2/20/2020
Nickel	29	1.0		mg/Kg-dry	10	2/20/2020
Potassium	2000	31		mg/Kg-dry	10	2/20/2020
Selenium	1.3	1.0		mg/Kg-dry	10	2/20/2020
Silver	ND	1.0		mg/Kg-dry	10	2/20/2020
Sodium	460	62		mg/Kg-dry	10	2/20/2020
Thallium	ND	1.0		mg/Kg-dry	10	2/20/2020
Vanadium	20	1.0		mg/Kg-dry	10	2/20/2020
Zinc	50	5.2		mg/Kg-dry	10	2/20/2020
<b>SPLP Metals by ICP/MS</b>	<b>SW1312/6020A (SW3005A)</b>		Prep Date: 2/18/2020		Analyst: MDT	
Arsenic	ND	0.0040		mg/L	2	2/19/2020
Barium	ND	0.020		mg/L	2	2/19/2020
Beryllium	ND	0.0020		mg/L	2	2/19/2020
Cadmium	ND	0.0020		mg/L	2	2/19/2020
Chromium	0.0085	0.0080		mg/L	2	2/19/2020
Cobalt	ND	0.0040		mg/L	2	2/19/2020
Copper	ND	0.020		mg/L	2	2/19/2020
Iron	4.2	0.20		mg/L	2	2/19/2020
Lead	ND	0.0020		mg/L	2	2/19/2020
Manganese	0.021	0.0040		mg/L	2	2/19/2020
Nickel	ND	0.0080		mg/L	2	2/19/2020
Selenium	ND	0.0040		mg/L	2	2/19/2020
Silver	ND	0.0040		mg/L	2	2/19/2020
Zinc	ND	0.080		mg/L	2	2/19/2020
<b>TCLP Metals by ICP/MS</b>	<b>SW1311/6020A (SW3005A)</b>		Prep Date: 2/18/2020		Analyst: MDT	
Arsenic	ND	0.010		mg/L	5	2/19/2020
Barium	0.24	0.050		mg/L	5	2/19/2020
Beryllium	ND	0.0050		mg/L	5	2/19/2020
Cadmium	ND	0.0050		mg/L	5	2/19/2020
Chromium	ND	0.010		mg/L	5	2/19/2020
Cobalt	ND	0.010		mg/L	5	2/19/2020
Copper	ND	0.10		mg/L	5	2/19/2020

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers: J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded

**STAT Analysis Corporation**

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: March 10, 2020

Date Printed: March 10, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-14-05 (4-8)

Work Order: 20020373 Revision 0

Collection Date: 2/12/2020 1:03:00 PM

Project: 81.0220509.75, IDOT WO37 Elk Grove, Elk Grove

Matrix: Soil

Lab ID: 20020373-019

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>TCLP Metals by ICP/MS</b>	<b>SW1311/6020A (SW3005A)</b>			Prep Date: <b>2/18/2020</b>		Analyst: <b>MDT</b>
Iron	ND	0.25		mg/L	5	2/19/2020
Lead	ND	0.0050		mg/L	5	2/19/2020
Manganese	0.21	0.010		mg/L	5	2/19/2020
Nickel	ND	0.010		mg/L	5	2/19/2020
Selenium	ND	0.010		mg/L	5	2/19/2020
Silver	ND	0.010		mg/L	5	2/19/2020
Zinc	ND	0.050		mg/L	5	2/19/2020
<b>TCLP Mercury</b>	<b>SW1311/7470A</b>			Prep Date: <b>2/18/2020</b>		Analyst: <b>LB</b>
Mercury	ND	0.00020		mg/L	1	2/19/2020
<b>SPLP Mercury</b>	<b>SW1312/7470A</b>			Prep Date: <b>2/24/2020</b>		Analyst: <b>LB</b>
Mercury	ND	0.00020		mg/L	1	2/27/2020
<b>Mercury</b>	<b>SW7471B</b>			Prep Date: <b>3/6/2020</b>		Analyst: <b>LB</b>
Mercury	ND	0.022		mg/Kg-dry	1	3/9/2020
<b>pH (25 °C)</b>	<b>SW9045C</b>			Prep Date: <b>2/19/2020</b>		Analyst: <b>JAR</b>
pH	8.94			pH Units	1	2/19/2020
<b>Percent Moisture</b>	<b>D2974</b>			Prep Date: <b>2/14/2020</b>		Analyst: <b>FN</b>
Percent Moisture	13.6	0.2	*	wt%	1	2/17/2020

**Qualifiers:**  
 ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 HT - Sample received past holding time  
 \* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis  
 S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range  
 H - Holding time exceeded



**STAT Analysis Corporation**

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: March 10, 2020

Date Printed: March 10, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-14-06 (0-4)

Work Order: 20020373 Revision 0

Collection Date: 2/12/2020 1:10:00 PM

Project: 81.0220509.75, IDOT WO37 Elk Grove, Elk Grove

Matrix: Soil

Lab ID: 20020373-020

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Volatile Organic Compounds by GC/MS</b>		<b>SW5035/8260B</b>		Prep Date: 2/14/2020		Analyst: JDT
Acetone	ND	0.089		mg/Kg-dry	1	2/19/2020
Benzene	ND	0.0059		mg/Kg-dry	1	2/19/2020
Bromodichloromethane	ND	0.0059		mg/Kg-dry	1	2/19/2020
Bromoform	ND	0.0059		mg/Kg-dry	1	2/19/2020
Bromomethane	ND	0.012		mg/Kg-dry	1	2/19/2020
2-Butanone	ND	0.089		mg/Kg-dry	1	2/19/2020
Carbon disulfide	ND	0.059		mg/Kg-dry	1	2/19/2020
Carbon tetrachloride	ND	0.0059		mg/Kg-dry	1	2/19/2020
Chlorobenzene	ND	0.0059		mg/Kg-dry	1	2/19/2020
Chloroethane	ND	0.012		mg/Kg-dry	1	2/19/2020
Chloroform	ND	0.0059		mg/Kg-dry	1	2/19/2020
Chloromethane	ND	0.012		mg/Kg-dry	1	2/19/2020
Dibromochloromethane	ND	0.0059		mg/Kg-dry	1	2/19/2020
1,1-Dichloroethane	ND	0.0059		mg/Kg-dry	1	2/19/2020
1,2-Dichloroethane	ND	0.0059		mg/Kg-dry	1	2/19/2020
1,1-Dichloroethene	ND	0.0059		mg/Kg-dry	1	2/19/2020
cis-1,2-Dichloroethene	ND	0.0059		mg/Kg-dry	1	2/19/2020
trans-1,2-Dichloroethene	ND	0.0059		mg/Kg-dry	1	2/19/2020
1,2-Dichloropropane	ND	0.0059		mg/Kg-dry	1	2/19/2020
cis-1,3-Dichloropropene	ND	0.0024		mg/Kg-dry	1	2/19/2020
trans-1,3-Dichloropropene	ND	0.0024		mg/Kg-dry	1	2/19/2020
Ethylbenzene	ND	0.0059		mg/Kg-dry	1	2/19/2020
2-Hexanone	ND	0.024		mg/Kg-dry	1	2/19/2020
4-Methyl-2-pentanone	ND	0.024		mg/Kg-dry	1	2/19/2020
Methylene chloride	ND	0.012		mg/Kg-dry	1	2/19/2020
Methyl tert-butyl ether	ND	0.0059		mg/Kg-dry	1	2/19/2020
Styrene	ND	0.0059		mg/Kg-dry	1	2/19/2020
1,1,2,2-Tetrachloroethane	ND	0.0059		mg/Kg-dry	1	2/19/2020
Tetrachloroethene	ND	0.0059		mg/Kg-dry	1	2/19/2020
Toluene	ND	0.0059		mg/Kg-dry	1	2/19/2020
1,1,1-Trichloroethane	ND	0.0059		mg/Kg-dry	1	2/19/2020
1,1,2-Trichloroethane	ND	0.0059		mg/Kg-dry	1	2/19/2020
Trichloroethene	ND	0.0059		mg/Kg-dry	1	2/19/2020
Vinyl chloride	ND	0.0059		mg/Kg-dry	1	2/19/2020
Xylenes, Total	ND	0.018		mg/Kg-dry	1	2/19/2020
<b>Semivolatile Organic Compounds by GC/MS</b>		<b>SW8270D (SW3550B)</b>		Prep Date: 2/14/2020		Analyst: TEM
Acenaphthene	ND	0.039		mg/Kg-dry	1	2/18/2020
Acenaphthylene	ND	0.039		mg/Kg-dry	1	2/18/2020

**Qualifiers:**  
 ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 HT - Sample received past holding time  
 \* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis  
 S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range  
 H - Holding time exceeded

**STAT Analysis Corporation**

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: March 10, 2020

Date Printed: March 10, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-14-06 (0-4)

Work Order: 20020373 Revision 0

Collection Date: 2/12/2020 1:10:00 PM

Project: 81.0220509.75, IDOT WO37 Elk Grove, Elk Grove

Matrix: Soil

Lab ID: 20020373-020

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Semivolatile Organic Compounds by GC/MS</b>	<b>SW8270D (SW3550B)</b>				Prep Date: 2/14/2020	Analyst: TEM
Aniline	ND	0.39		mg/Kg-dry	1	2/18/2020
Anthracene	ND	0.039		mg/Kg-dry	1	2/18/2020
Benz(a)anthracene	ND	0.039		mg/Kg-dry	1	2/18/2020
Benzidine	ND	0.39		mg/Kg-dry	1	2/18/2020
Benzo(a)pyrene	ND	0.039		mg/Kg-dry	1	2/18/2020
Benzo(b)fluoranthene	ND	0.039		mg/Kg-dry	1	2/18/2020
Benzo(g,h,i)perylene	ND	0.039		mg/Kg-dry	1	2/18/2020
Benzo(k)fluoranthene	ND	0.039		mg/Kg-dry	1	2/18/2020
Benzoic acid	ND	0.97		mg/Kg-dry	1	2/18/2020
Benzyl alcohol	ND	0.20		mg/Kg-dry	1	2/18/2020
Bis(2-chloroethoxy)methane	ND	0.20		mg/Kg-dry	1	2/18/2020
Bis(2-chloroethyl)ether	ND	0.20		mg/Kg-dry	1	2/18/2020
Bis(2-ethylhexyl)phthalate	ND	0.97		mg/Kg-dry	1	2/18/2020
4-Bromophenyl phenyl ether	ND	0.20		mg/Kg-dry	1	2/18/2020
Butyl benzyl phthalate	ND	0.20		mg/Kg-dry	1	2/18/2020
Carbazole	ND	0.20		mg/Kg-dry	1	2/18/2020
4-Chloroaniline	ND	0.20		mg/Kg-dry	1	2/18/2020
4-Chloro-3-methylphenol	ND	0.39		mg/Kg-dry	1	2/18/2020
2-Chloronaphthalene	ND	0.20		mg/Kg-dry	1	2/18/2020
2-Chlorophenol	ND	0.20		mg/Kg-dry	1	2/18/2020
4-Chlorophenyl phenyl ether	ND	0.20		mg/Kg-dry	1	2/18/2020
Chrysene	ND	0.039		mg/Kg-dry	1	2/18/2020
Dibenz(a,h)anthracene	ND	0.039		mg/Kg-dry	1	2/18/2020
Dibenzofuran	ND	0.20		mg/Kg-dry	1	2/18/2020
1,2-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	2/18/2020
1,3-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	2/18/2020
1,4-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	2/18/2020
3,3'-Dichlorobenzidine	ND	0.20		mg/Kg-dry	1	2/18/2020
2,4-Dichlorophenol	ND	0.20		mg/Kg-dry	1	2/18/2020
Diethyl phthalate	ND	0.20		mg/Kg-dry	1	2/18/2020
2,4-Dimethylphenol	ND	0.20		mg/Kg-dry	1	2/18/2020
Dimethyl phthalate	ND	0.20		mg/Kg-dry	1	2/18/2020
4,6-Dinitro-2-methylphenol	ND	0.39		mg/Kg-dry	1	2/18/2020
2,4-Dinitrophenol	ND	0.97		mg/Kg-dry	1	2/18/2020
2,4-Dinitrotoluene	ND	0.039		mg/Kg-dry	1	2/18/2020
2,6-Dinitrotoluene	ND	0.039		mg/Kg-dry	1	2/18/2020
Di-n-butyl phthalate	ND	0.20		mg/Kg-dry	1	2/18/2020
Di-n-octyl phthalate	ND	0.20		mg/Kg-dry	1	2/18/2020

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

**Qualifiers:**

J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded

**STAT Analysis Corporation**

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: March 10, 2020

Date Printed: March 10, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-14-06 (0-4)

Work Order: 20020373 Revision 0

Collection Date: 2/12/2020 1:10:00 PM

Project: 81.0220509.75, IDOT WO37 Elk Grove, Elk Grove

Matrix: Soil

Lab ID: 20020373-020

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Semivolatile Organic Compounds by GC/MS</b>		<b>SW8270D (SW3550B)</b>		Prep Date: 2/14/2020		Analyst: TEM
Fluoranthene	ND	0.039		mg/Kg-dry	1	2/18/2020
Fluorene	ND	0.039		mg/Kg-dry	1	2/18/2020
Hexachlorobenzene	ND	0.20		mg/Kg-dry	1	2/18/2020
Hexachlorobutadiene	ND	0.20		mg/Kg-dry	1	2/18/2020
Hexachlorocyclopentadiene	ND	0.20		mg/Kg-dry	1	2/18/2020
Hexachloroethane	ND	0.20		mg/Kg-dry	1	2/18/2020
Indeno(1,2,3-cd)pyrene	ND	0.039		mg/Kg-dry	1	2/18/2020
Isophorone	ND	0.20		mg/Kg-dry	1	2/18/2020
2-Methylnaphthalene	ND	0.20		mg/Kg-dry	1	2/18/2020
2-Methylphenol	ND	0.20		mg/Kg-dry	1	2/18/2020
4-Methylphenol	ND	0.20		mg/Kg-dry	1	2/18/2020
Naphthalene	ND	0.039		mg/Kg-dry	1	2/18/2020
2-Nitroaniline	ND	0.20		mg/Kg-dry	1	2/18/2020
3-Nitroaniline	ND	0.20		mg/Kg-dry	1	2/18/2020
4-Nitroaniline	ND	0.20		mg/Kg-dry	1	2/18/2020
2-Nitrophenol	ND	0.20		mg/Kg-dry	1	2/18/2020
4-Nitrophenol	ND	0.39		mg/Kg-dry	1	2/18/2020
Nitrobenzene	ND	0.039		mg/Kg-dry	1	2/18/2020
N-Nitrosodi-n-propylamine	ND	0.039		mg/Kg-dry	1	2/18/2020
N-Nitrosodimethylamine	ND	0.20		mg/Kg-dry	1	2/18/2020
N-Nitrosodiphenylamine	ND	0.039		mg/Kg-dry	1	2/18/2020
2, 2'-oxybis(1-Chloropropane)	ND	0.20		mg/Kg-dry	1	2/18/2020
Pentachlorophenol	ND	0.039		mg/Kg-dry	1	2/18/2020
Phenanthrene	ND	0.039		mg/Kg-dry	1	2/18/2020
Phenol	ND	0.20		mg/Kg-dry	1	2/18/2020
Pyrene	ND	0.039		mg/Kg-dry	1	2/18/2020
Pyridine	ND	0.79		mg/Kg-dry	1	2/18/2020
1,2,4-Trichlorobenzene	ND	0.20		mg/Kg-dry	1	2/18/2020
2,4,5-Trichlorophenol	ND	0.20		mg/Kg-dry	1	2/18/2020
2,4,6-Trichlorophenol	ND	0.20		mg/Kg-dry	1	2/18/2020
<b>Metals by ICP/MS</b>		<b>SW6020A (SW3050B)</b>		Prep Date: 2/19/2020		Analyst: MDT
Antimony	ND	2.1		mg/Kg-dry	10	2/26/2020
Arsenic	3.8	1.1		mg/Kg-dry	10	2/19/2020
Barium	37	1.1		mg/Kg-dry	10	2/19/2020
Beryllium	ND	0.53		mg/Kg-dry	10	2/19/2020
Cadmium	ND	0.53		mg/Kg-dry	10	2/19/2020
Calcium	95000	63		mg/Kg-dry	10	2/19/2020
Chromium	14	1.1		mg/Kg-dry	10	2/19/2020

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers: J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded

**STAT Analysis Corporation**

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: March 10, 2020

Date Printed: March 10, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-14-06 (0-4)

Work Order: 20020373 Revision 0

Collection Date: 2/12/2020 1:10:00 PM

Project: 81.0220509.75, IDOT WO37 Elk Grove, Elk Grove

Matrix: Soil

Lab ID: 20020373-020

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Metals by ICP/MS</b>	<b>SW6020A (SW3050B)</b>		Prep Date: <b>2/19/2020</b>		Analyst: <b>MDT</b>	
Cobalt	7.7	1.1		mg/Kg-dry	10	2/19/2020
Copper	9.6	2.6		mg/Kg-dry	10	2/19/2020
Iron	13000	32		mg/Kg-dry	10	2/19/2020
Lead	6.6	0.53		mg/Kg-dry	10	2/19/2020
Magnesium	36000	32		mg/Kg-dry	10	2/19/2020
Manganese	340	1.1		mg/Kg-dry	10	2/19/2020
Nickel	20	1.1		mg/Kg-dry	10	2/19/2020
Potassium	1700	32		mg/Kg-dry	10	2/19/2020
Selenium	ND	1.1		mg/Kg-dry	10	2/19/2020
Silver	ND	1.1		mg/Kg-dry	10	2/19/2020
Sodium	220	63		mg/Kg-dry	10	2/19/2020
Thallium	ND	1.1		mg/Kg-dry	10	2/19/2020
Vanadium	15	1.1		mg/Kg-dry	10	2/19/2020
Zinc	30	5.3		mg/Kg-dry	10	2/19/2020
<b>SPLP Metals by ICP/MS</b>	<b>SW1312/6020A (SW3005A)</b>		Prep Date: <b>2/19/2020</b>		Analyst: <b>MDT</b>	
Arsenic	ND	0.0040		mg/L	2	2/19/2020
Barium	ND	0.020		mg/L	2	2/19/2020
Beryllium	ND	0.0020		mg/L	2	2/19/2020
Cadmium	ND	0.0020		mg/L	2	2/19/2020
Chromium	ND	0.0040		mg/L	2	2/19/2020
Cobalt	ND	0.0040		mg/L	2	2/19/2020
Copper	ND	0.040		mg/L	2	2/19/2020
Iron	0.76	0.10		mg/L	2	2/19/2020
Lead	ND	0.0020		mg/L	2	2/19/2020
Manganese	0.016	0.0040		mg/L	2	2/19/2020
Nickel	ND	0.0040		mg/L	2	2/19/2020
Selenium	ND	0.0040		mg/L	2	2/19/2020
Silver	ND	0.0040		mg/L	2	2/19/2020
Zinc	0.024	0.020		mg/L	2	2/19/2020
<b>TCLP Metals by ICP/MS</b>	<b>SW1311/6020A (SW3005A)</b>		Prep Date: <b>2/18/2020</b>		Analyst: <b>MDT</b>	
Arsenic	ND	0.010		mg/L	5	2/19/2020
Barium	0.26	0.050		mg/L	5	2/19/2020
Beryllium	ND	0.0050		mg/L	5	2/19/2020
Cadmium	ND	0.0050		mg/L	5	2/19/2020
Chromium	ND	0.010		mg/L	5	2/19/2020
Cobalt	ND	0.010		mg/L	5	2/19/2020
Copper	ND	0.10		mg/L	5	2/19/2020

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

**Qualifiers:**

J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded

**STAT Analysis Corporation**

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: March 10, 2020

Date Printed: March 10, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-14-06 (0-4)

Work Order: 20020373 Revision 0

Collection Date: 2/12/2020 1:10:00 PM

Project: 81.0220509.75, IDOT WO37 Elk Grove, Elk Grove

Matrix: Soil

Lab ID: 20020373-020

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>TCLP Metals by ICP/MS</b>	<b>SW1311/6020A (SW3005A)</b>			Prep Date: <b>2/18/2020</b>		Analyst: <b>MDT</b>
Iron	ND	0.25		mg/L	5	2/19/2020
Lead	ND	0.0050		mg/L	5	2/19/2020
Manganese	1.2	0.010		mg/L	5	2/19/2020
Nickel	ND	0.010		mg/L	5	2/19/2020
Selenium	ND	0.010		mg/L	5	2/19/2020
Silver	ND	0.010		mg/L	5	2/19/2020
Zinc	ND	0.050		mg/L	5	2/19/2020
<b>TCLP Mercury</b>	<b>SW1311/7470A</b>			Prep Date: <b>2/18/2020</b>		Analyst: <b>LB</b>
Mercury	ND	0.00020		mg/L	1	2/19/2020
<b>SPLP Mercury</b>	<b>SW1312/7470A</b>			Prep Date: <b>2/24/2020</b>		Analyst: <b>LB</b>
Mercury	ND	0.00020		mg/L	1	2/25/2020
<b>Mercury</b>	<b>SW7471B</b>			Prep Date: <b>3/6/2020</b>		Analyst: <b>LB</b>
Mercury	ND	0.019		mg/Kg-dry	1	3/9/2020
<b>pH (25 °C)</b>	<b>SW9045C</b>			Prep Date: <b>2/18/2020</b>		Analyst: <b>JAR</b>
pH	8.09			pH Units	1	2/18/2020
<b>Percent Moisture</b>	<b>D2974</b>			Prep Date: <b>2/14/2020</b>		Analyst: <b>FN</b>
Percent Moisture	15.0	0.2	*	wt%	1	2/17/2020

**Qualifiers:**  
 ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 HT - Sample received past holding time  
 \* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis  
 S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range  
 H - Holding time exceeded

**STAT Analysis Corporation**

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: March 10, 2020

Date Printed: March 10, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-14-06 (4-8)

Work Order: 20020373 Revision 0

Collection Date: 2/12/2020 1:12:00 PM

Project: 81.0220509.75, IDOT WO37 Elk Grove, Elk Grove

Matrix: Soil

Lab ID: 20020373-021

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Volatile Organic Compounds by GC/MS</b>		<b>SW5035/8260B</b>		Prep Date: 2/14/2020		Analyst: JDT
Acetone	ND	0.075		mg/Kg-dry	1	2/19/2020
Benzene	ND	0.0050		mg/Kg-dry	1	2/19/2020
Bromodichloromethane	ND	0.0050		mg/Kg-dry	1	2/19/2020
Bromoform	ND	0.0050		mg/Kg-dry	1	2/19/2020
Bromomethane	ND	0.010		mg/Kg-dry	1	2/19/2020
2-Butanone	ND	0.075		mg/Kg-dry	1	2/19/2020
Carbon disulfide	ND	0.050		mg/Kg-dry	1	2/19/2020
Carbon tetrachloride	ND	0.0050		mg/Kg-dry	1	2/19/2020
Chlorobenzene	ND	0.0050		mg/Kg-dry	1	2/19/2020
Chloroethane	ND	0.010		mg/Kg-dry	1	2/19/2020
Chloroform	ND	0.0050		mg/Kg-dry	1	2/19/2020
Chloromethane	ND	0.010		mg/Kg-dry	1	2/19/2020
Dibromochloromethane	ND	0.0050		mg/Kg-dry	1	2/19/2020
1,1-Dichloroethane	ND	0.0050		mg/Kg-dry	1	2/19/2020
1,2-Dichloroethane	ND	0.0050		mg/Kg-dry	1	2/19/2020
1,1-Dichloroethene	ND	0.0050		mg/Kg-dry	1	2/19/2020
cis-1,2-Dichloroethene	ND	0.0050		mg/Kg-dry	1	2/19/2020
trans-1,2-Dichloroethene	ND	0.0050		mg/Kg-dry	1	2/19/2020
1,2-Dichloropropane	ND	0.0050		mg/Kg-dry	1	2/19/2020
cis-1,3-Dichloropropene	ND	0.0020		mg/Kg-dry	1	2/19/2020
trans-1,3-Dichloropropene	ND	0.0020		mg/Kg-dry	1	2/19/2020
Ethylbenzene	ND	0.0050		mg/Kg-dry	1	2/19/2020
2-Hexanone	ND	0.020		mg/Kg-dry	1	2/19/2020
4-Methyl-2-pentanone	ND	0.020		mg/Kg-dry	1	2/19/2020
Methylene chloride	ND	0.010		mg/Kg-dry	1	2/19/2020
Methyl tert-butyl ether	ND	0.0050		mg/Kg-dry	1	2/19/2020
Styrene	ND	0.0050		mg/Kg-dry	1	2/19/2020
1,1,2,2-Tetrachloroethane	ND	0.0050		mg/Kg-dry	1	2/19/2020
Tetrachloroethene	ND	0.0050		mg/Kg-dry	1	2/19/2020
Toluene	ND	0.0050		mg/Kg-dry	1	2/19/2020
1,1,1-Trichloroethane	ND	0.0050		mg/Kg-dry	1	2/19/2020
1,1,2-Trichloroethane	ND	0.0050		mg/Kg-dry	1	2/19/2020
Trichloroethene	ND	0.0050		mg/Kg-dry	1	2/19/2020
Vinyl chloride	ND	0.0050		mg/Kg-dry	1	2/19/2020
Xylenes, Total	ND	0.015		mg/Kg-dry	1	2/19/2020
<b>Semivolatile Organic Compounds by GC/MS</b>		<b>SW8270D (SW3550B)</b>		Prep Date: 2/14/2020		Analyst: TEM
Acenaphthene	ND	0.041		mg/Kg-dry	1	2/17/2020
Acenaphthylene	ND	0.041		mg/Kg-dry	1	2/17/2020

**Qualifiers:**  
 ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 HT - Sample received past holding time  
 \* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis  
 S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range  
 H - Holding time exceeded

**STAT Analysis Corporation**

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: March 10, 2020

Date Printed: March 10, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-14-06 (4-8)

Work Order: 20020373 Revision 0

Collection Date: 2/12/2020 1:12:00 PM

Project: 81.0220509.75, IDOT WO37 Elk Grove, Elk Grove

Matrix: Soil

Lab ID: 20020373-021

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Semivolatile Organic Compounds by GC/MS</b>	<b>SW8270D (SW3550B)</b>				Prep Date: 2/14/2020	Analyst: TEM
Aniline	ND	0.41		mg/Kg-dry	1	2/17/2020
Anthracene	ND	0.041		mg/Kg-dry	1	2/17/2020
Benz(a)anthracene	ND	0.041		mg/Kg-dry	1	2/17/2020
Benzidine	ND	0.41		mg/Kg-dry	1	2/17/2020
Benzo(a)pyrene	ND	0.041		mg/Kg-dry	1	2/17/2020
Benzo(b)fluoranthene	ND	0.041		mg/Kg-dry	1	2/17/2020
Benzo(g,h,i)perylene	ND	0.041		mg/Kg-dry	1	2/17/2020
Benzo(k)fluoranthene	ND	0.041		mg/Kg-dry	1	2/17/2020
Benzoic acid	ND	1.0		mg/Kg-dry	1	2/17/2020
Benzyl alcohol	ND	0.21		mg/Kg-dry	1	2/17/2020
Bis(2-chloroethoxy)methane	ND	0.21		mg/Kg-dry	1	2/17/2020
Bis(2-chloroethyl)ether	ND	0.21		mg/Kg-dry	1	2/17/2020
Bis(2-ethylhexyl)phthalate	ND	1.0		mg/Kg-dry	1	2/17/2020
4-Bromophenyl phenyl ether	ND	0.21		mg/Kg-dry	1	2/17/2020
Butyl benzyl phthalate	ND	0.21		mg/Kg-dry	1	2/17/2020
Carbazole	ND	0.21		mg/Kg-dry	1	2/17/2020
4-Chloroaniline	ND	0.21		mg/Kg-dry	1	2/17/2020
4-Chloro-3-methylphenol	ND	0.41		mg/Kg-dry	1	2/17/2020
2-Chloronaphthalene	ND	0.21		mg/Kg-dry	1	2/17/2020
2-Chlorophenol	ND	0.21		mg/Kg-dry	1	2/17/2020
4-Chlorophenyl phenyl ether	ND	0.21		mg/Kg-dry	1	2/17/2020
Chrysene	ND	0.041		mg/Kg-dry	1	2/17/2020
Dibenz(a,h)anthracene	ND	0.041		mg/Kg-dry	1	2/17/2020
Dibenzofuran	ND	0.21		mg/Kg-dry	1	2/17/2020
1,2-Dichlorobenzene	ND	0.21		mg/Kg-dry	1	2/17/2020
1,3-Dichlorobenzene	ND	0.21		mg/Kg-dry	1	2/17/2020
1,4-Dichlorobenzene	ND	0.21		mg/Kg-dry	1	2/17/2020
3,3'-Dichlorobenzidine	ND	0.21		mg/Kg-dry	1	2/17/2020
2,4-Dichlorophenol	ND	0.21		mg/Kg-dry	1	2/17/2020
Diethyl phthalate	ND	0.21		mg/Kg-dry	1	2/17/2020
2,4-Dimethylphenol	ND	0.21		mg/Kg-dry	1	2/17/2020
Dimethyl phthalate	ND	0.21		mg/Kg-dry	1	2/17/2020
4,6-Dinitro-2-methylphenol	ND	0.41		mg/Kg-dry	1	2/17/2020
2,4-Dinitrophenol	ND	1.0		mg/Kg-dry	1	2/17/2020
2,4-Dinitrotoluene	ND	0.041		mg/Kg-dry	1	2/17/2020
2,6-Dinitrotoluene	ND	0.041		mg/Kg-dry	1	2/17/2020
Di-n-butyl phthalate	ND	0.21		mg/Kg-dry	1	2/17/2020
Di-n-octyl phthalate	ND	0.21		mg/Kg-dry	1	2/17/2020

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers: J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded

**STAT Analysis Corporation**

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: March 10, 2020

Date Printed: March 10, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-14-06 (4-8)

Work Order: 20020373 Revision 0

Collection Date: 2/12/2020 1:12:00 PM

Project: 81.0220509.75, IDOT WO37 Elk Grove, Elk Grove

Matrix: Soil

Lab ID: 20020373-021

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Semivolatile Organic Compounds by GC/MS</b>		<b>SW8270D (SW3550B)</b>		Prep Date: <b>2/14/2020</b>		Analyst: <b>TEM</b>
Fluoranthene	ND	0.041		mg/Kg-dry	1	2/17/2020
Fluorene	ND	0.041		mg/Kg-dry	1	2/17/2020
Hexachlorobenzene	ND	0.21		mg/Kg-dry	1	2/17/2020
Hexachlorobutadiene	ND	0.21		mg/Kg-dry	1	2/17/2020
Hexachlorocyclopentadiene	ND	0.21		mg/Kg-dry	1	2/17/2020
Hexachloroethane	ND	0.21		mg/Kg-dry	1	2/17/2020
Indeno(1,2,3-cd)pyrene	ND	0.041		mg/Kg-dry	1	2/17/2020
Isophorone	ND	0.21		mg/Kg-dry	1	2/17/2020
2-Methylnaphthalene	ND	0.21		mg/Kg-dry	1	2/17/2020
2-Methylphenol	ND	0.21		mg/Kg-dry	1	2/17/2020
4-Methylphenol	ND	0.21		mg/Kg-dry	1	2/17/2020
Naphthalene	ND	0.041		mg/Kg-dry	1	2/17/2020
2-Nitroaniline	ND	0.21		mg/Kg-dry	1	2/17/2020
3-Nitroaniline	ND	0.21		mg/Kg-dry	1	2/17/2020
4-Nitroaniline	ND	0.21		mg/Kg-dry	1	2/17/2020
2-Nitrophenol	ND	0.21		mg/Kg-dry	1	2/17/2020
4-Nitrophenol	ND	0.41		mg/Kg-dry	1	2/17/2020
Nitrobenzene	ND	0.041		mg/Kg-dry	1	2/17/2020
N-Nitrosodi-n-propylamine	ND	0.041		mg/Kg-dry	1	2/17/2020
N-Nitrosodimethylamine	ND	0.21		mg/Kg-dry	1	2/17/2020
N-Nitrosodiphenylamine	ND	0.041		mg/Kg-dry	1	2/17/2020
2, 2'-oxybis(1-Chloropropane)	ND	0.21		mg/Kg-dry	1	2/17/2020
Pentachlorophenol	ND	0.041		mg/Kg-dry	1	2/17/2020
Phenanthrene	ND	0.041		mg/Kg-dry	1	2/17/2020
Phenol	ND	0.21		mg/Kg-dry	1	2/17/2020
Pyrene	ND	0.041		mg/Kg-dry	1	2/17/2020
Pyridine	ND	0.83		mg/Kg-dry	1	2/17/2020
1,2,4-Trichlorobenzene	ND	0.21		mg/Kg-dry	1	2/17/2020
2,4,5-Trichlorophenol	ND	0.21		mg/Kg-dry	1	2/17/2020
2,4,6-Trichlorophenol	ND	0.21		mg/Kg-dry	1	2/17/2020
<b>Metals by ICP/MS</b>		<b>SW6020A (SW3050B)</b>		Prep Date: <b>2/19/2020</b>		Analyst: <b>MDT</b>
Antimony	ND	2.3		mg/Kg-dry	10	2/20/2020
Arsenic	8.0	1.1		mg/Kg-dry	10	2/20/2020
Barium	80	1.1		mg/Kg-dry	10	2/20/2020
Beryllium	ND	0.57		mg/Kg-dry	10	2/20/2020
Cadmium	ND	0.57		mg/Kg-dry	10	2/20/2020
Calcium	74000	68		mg/Kg-dry	10	2/20/2020
Chromium	20	1.1		mg/Kg-dry	10	2/20/2020

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers: J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded



**STAT Analysis Corporation**

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: March 10, 2020

Date Printed: March 10, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-14-06 (4-8)

Work Order: 20020373 Revision 0

Collection Date: 2/12/2020 1:12:00 PM

Project: 81.0220509.75, IDOT WO37 Elk Grove, Elk Grove

Matrix: Soil

Lab ID: 20020373-021

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Metals by ICP/MS</b>	<b>SW6020A (SW3050B)</b>		Prep Date: 2/19/2020		Analyst: MDT	
Cobalt	11	1.1		mg/Kg-dry	10	2/20/2020
Copper	20	2.8		mg/Kg-dry	10	2/20/2020
Iron	20000	34		mg/Kg-dry	10	2/20/2020
Lead	17	0.57		mg/Kg-dry	10	2/20/2020
Magnesium	41000	34		mg/Kg-dry	10	2/20/2020
Manganese	460	1.1		mg/Kg-dry	10	2/20/2020
Nickel	26	1.1		mg/Kg-dry	10	2/20/2020
Potassium	1700	34		mg/Kg-dry	10	2/20/2020
Selenium	ND	1.1		mg/Kg-dry	10	2/20/2020
Silver	ND	1.1		mg/Kg-dry	10	2/20/2020
Sodium	280	68		mg/Kg-dry	10	2/20/2020
Thallium	ND	1.1		mg/Kg-dry	10	2/20/2020
Vanadium	27	1.1		mg/Kg-dry	10	2/20/2020
Zinc	47	5.7		mg/Kg-dry	10	2/20/2020
<b>SPLP Metals by ICP/MS</b>	<b>SW1312/6020A (SW3005A)</b>		Prep Date: 2/19/2020		Analyst: MDT	
Arsenic	ND	0.0040		mg/L	2	2/19/2020
Barium	ND	0.020		mg/L	2	2/19/2020
Beryllium	ND	0.0020		mg/L	2	2/19/2020
Cadmium	ND	0.0020		mg/L	2	2/19/2020
Chromium	ND	0.0040		mg/L	2	2/19/2020
Cobalt	ND	0.0040		mg/L	2	2/19/2020
Copper	ND	0.040		mg/L	2	2/19/2020
Iron	0.58	0.10		mg/L	2	2/19/2020
Lead	ND	0.0020		mg/L	2	2/19/2020
Manganese	ND	0.0040		mg/L	2	2/19/2020
Nickel	ND	0.0040		mg/L	2	2/19/2020
Selenium	ND	0.0040		mg/L	2	2/19/2020
Silver	ND	0.0040		mg/L	2	2/19/2020
Zinc	ND	0.020		mg/L	2	2/19/2020
<b>TCLP Metals by ICP/MS</b>	<b>SW1311/6020A (SW3005A)</b>		Prep Date: 2/18/2020		Analyst: MDT	
Arsenic	0.010	0.010		mg/L	5	2/19/2020
Barium	0.64	0.050		mg/L	5	2/19/2020
Beryllium	ND	0.0050		mg/L	5	2/19/2020
Cadmium	ND	0.0050		mg/L	5	2/19/2020
Chromium	ND	0.010		mg/L	5	2/19/2020
Cobalt	0.023	0.010		mg/L	5	2/19/2020
Copper	ND	0.10		mg/L	5	2/19/2020

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers: J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded

**STAT Analysis Corporation**

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: March 10, 2020

Date Printed: March 10, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-14-06 (4-8)

Work Order: 20020373 Revision 0

Collection Date: 2/12/2020 1:12:00 PM

Project: 81.0220509.75, IDOT WO37 Elk Grove, Elk Grove

Matrix: Soil

Lab ID: 20020373-021

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>TCLP Metals by ICP/MS</b>	<b>SW1311/6020A (SW3005A)</b>			Prep Date: <b>2/18/2020</b>		Analyst: <b>MDT</b>
Iron	ND	0.25		mg/L	5	2/19/2020
Lead	ND	0.0050		mg/L	5	2/19/2020
Manganese	3.2	0.010		mg/L	5	2/19/2020
Nickel	0.019	0.010		mg/L	5	2/19/2020
Selenium	ND	0.010		mg/L	5	2/19/2020
Silver	ND	0.010		mg/L	5	2/19/2020
Zinc	ND	0.050		mg/L	5	2/19/2020
<b>TCLP Mercury</b>	<b>SW1311/7470A</b>			Prep Date: <b>2/18/2020</b>		Analyst: <b>LB</b>
Mercury	ND	0.00020		mg/L	1	2/19/2020
<b>SPLP Mercury</b>	<b>SW1312/7470A</b>			Prep Date: <b>2/24/2020</b>		Analyst: <b>LB</b>
Mercury	ND	0.00020		mg/L	1	2/25/2020
<b>Mercury</b>	<b>SW7471B</b>			Prep Date: <b>3/6/2020</b>		Analyst: <b>LB</b>
Mercury	0.030	0.020		mg/Kg-dry	1	3/9/2020
<b>pH (25 °C)</b>	<b>SW9045C</b>			Prep Date: <b>2/18/2020</b>		Analyst: <b>JAR</b>
pH	8.21			pH Units	1	2/18/2020
<b>Percent Moisture</b>	<b>D2974</b>			Prep Date: <b>2/14/2020</b>		Analyst: <b>FN</b>
Percent Moisture	20.2	0.2	*	wt%	1	2/17/2020

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	RL - Reporting / Quantitation Limit for the analysis
	J - Analyte detected below quantitation limits	S - Spike Recovery outside accepted recovery limits
	B - Analyte detected in the associated Method Blank	R - RPD outside accepted recovery limits
	HT - Sample received past holding time	E - Value above quantitation range
	* - Non-accredited parameter	H - Holding time exceeded

**STAT Analysis Corporation**

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: March 10, 2020

Date Printed: March 10, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-15-01 (0-1.5)

Work Order: 20020373 Revision 0

Collection Date: 2/12/2020 11:17:00 AM

Project: 81.0220509.75, IDOT WO37 Elk Grove, Elk Grove

Matrix: Soil

Lab ID: 20020373-022

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Volatile Organic Compounds by GC/MS</b>		<b>SW5035/8260B</b>		Prep Date: 2/14/2020		Analyst: JDT
Acetone	ND	0.078		mg/Kg-dry	1	2/19/2020
Benzene	ND	0.0052		mg/Kg-dry	1	2/19/2020
Bromodichloromethane	ND	0.0052		mg/Kg-dry	1	2/19/2020
Bromoform	ND	0.0052		mg/Kg-dry	1	2/19/2020
Bromomethane	ND	0.010		mg/Kg-dry	1	2/19/2020
2-Butanone	ND	0.078		mg/Kg-dry	1	2/19/2020
Carbon disulfide	ND	0.052		mg/Kg-dry	1	2/19/2020
Carbon tetrachloride	ND	0.0052		mg/Kg-dry	1	2/19/2020
Chlorobenzene	ND	0.0052		mg/Kg-dry	1	2/19/2020
Chloroethane	ND	0.010		mg/Kg-dry	1	2/19/2020
Chloroform	ND	0.0052		mg/Kg-dry	1	2/19/2020
Chloromethane	ND	0.010		mg/Kg-dry	1	2/19/2020
Dibromochloromethane	ND	0.0052		mg/Kg-dry	1	2/19/2020
1,1-Dichloroethane	ND	0.0052		mg/Kg-dry	1	2/19/2020
1,2-Dichloroethane	ND	0.0052		mg/Kg-dry	1	2/19/2020
1,1-Dichloroethene	ND	0.0052		mg/Kg-dry	1	2/19/2020
cis-1,2-Dichloroethene	ND	0.0052		mg/Kg-dry	1	2/19/2020
trans-1,2-Dichloroethene	ND	0.0052		mg/Kg-dry	1	2/19/2020
1,2-Dichloropropane	ND	0.0052		mg/Kg-dry	1	2/19/2020
cis-1,3-Dichloropropene	ND	0.0021		mg/Kg-dry	1	2/19/2020
trans-1,3-Dichloropropene	ND	0.0021		mg/Kg-dry	1	2/19/2020
Ethylbenzene	ND	0.0052		mg/Kg-dry	1	2/19/2020
2-Hexanone	ND	0.021		mg/Kg-dry	1	2/19/2020
4-Methyl-2-pentanone	ND	0.021		mg/Kg-dry	1	2/19/2020
Methylene chloride	ND	0.010		mg/Kg-dry	1	2/19/2020
Methyl tert-butyl ether	ND	0.0052		mg/Kg-dry	1	2/19/2020
Styrene	ND	0.0052		mg/Kg-dry	1	2/19/2020
1,1,2,2-Tetrachloroethane	ND	0.0052		mg/Kg-dry	1	2/19/2020
Tetrachloroethene	ND	0.0052		mg/Kg-dry	1	2/19/2020
Toluene	ND	0.0052		mg/Kg-dry	1	2/19/2020
1,1,1-Trichloroethane	ND	0.0052		mg/Kg-dry	1	2/19/2020
1,1,2-Trichloroethane	ND	0.0052		mg/Kg-dry	1	2/19/2020
Trichloroethene	ND	0.0052		mg/Kg-dry	1	2/19/2020
Vinyl chloride	ND	0.0052		mg/Kg-dry	1	2/19/2020
Xylenes, Total	ND	0.016		mg/Kg-dry	1	2/19/2020
<b>Semivolatile Organic Compounds by GC/MS</b>		<b>SW8270D (SW3550B)</b>		Prep Date: 2/14/2020		Analyst: TEM
Acenaphthene	ND	0.040		mg/Kg-dry	1	2/17/2020
Acenaphthylene	ND	0.040		mg/Kg-dry	1	2/17/2020

**Qualifiers:**  
 ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 HT - Sample received past holding time  
 \* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis  
 S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range  
 H - Holding time exceeded

**STAT Analysis Corporation**

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: March 10, 2020

Date Printed: March 10, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-15-01 (0-1.5)

Work Order: 20020373 Revision 0

Collection Date: 2/12/2020 11:17:00 AM

Project: 81.0220509.75, IDOT WO37 Elk Grove, Elk Grove

Matrix: Soil

Lab ID: 20020373-022

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Semivolatile Organic Compounds by GC/MS</b>	<b>SW8270D (SW3550B)</b>				Prep Date: 2/14/2020	Analyst: TEM
Aniline	ND	0.40		mg/Kg-dry	1	2/17/2020
Anthracene	ND	0.040		mg/Kg-dry	1	2/17/2020
Benz(a)anthracene	ND	0.040		mg/Kg-dry	1	2/17/2020
Benzidine	ND	0.40		mg/Kg-dry	1	2/17/2020
Benzo(a)pyrene	ND	0.040		mg/Kg-dry	1	2/17/2020
Benzo(b)fluoranthene	ND	0.040		mg/Kg-dry	1	2/17/2020
Benzo(g,h,i)perylene	ND	0.040		mg/Kg-dry	1	2/17/2020
Benzo(k)fluoranthene	ND	0.040		mg/Kg-dry	1	2/17/2020
Benzoic acid	ND	1.0		mg/Kg-dry	1	2/17/2020
Benzyl alcohol	ND	0.21		mg/Kg-dry	1	2/17/2020
Bis(2-chloroethoxy)methane	ND	0.21		mg/Kg-dry	1	2/17/2020
Bis(2-chloroethyl)ether	ND	0.21		mg/Kg-dry	1	2/17/2020
Bis(2-ethylhexyl)phthalate	ND	1.0		mg/Kg-dry	1	2/17/2020
4-Bromophenyl phenyl ether	ND	0.21		mg/Kg-dry	1	2/17/2020
Butyl benzyl phthalate	ND	0.21		mg/Kg-dry	1	2/17/2020
Carbazole	ND	0.21		mg/Kg-dry	1	2/17/2020
4-Chloroaniline	ND	0.21		mg/Kg-dry	1	2/17/2020
4-Chloro-3-methylphenol	ND	0.40		mg/Kg-dry	1	2/17/2020
2-Chloronaphthalene	ND	0.21		mg/Kg-dry	1	2/17/2020
2-Chlorophenol	ND	0.21		mg/Kg-dry	1	2/17/2020
4-Chlorophenyl phenyl ether	ND	0.21		mg/Kg-dry	1	2/17/2020
Chrysene	ND	0.040		mg/Kg-dry	1	2/17/2020
Dibenz(a,h)anthracene	ND	0.040		mg/Kg-dry	1	2/17/2020
Dibenzofuran	ND	0.21		mg/Kg-dry	1	2/17/2020
1,2-Dichlorobenzene	ND	0.21		mg/Kg-dry	1	2/17/2020
1,3-Dichlorobenzene	ND	0.21		mg/Kg-dry	1	2/17/2020
1,4-Dichlorobenzene	ND	0.21		mg/Kg-dry	1	2/17/2020
3,3'-Dichlorobenzidine	ND	0.21		mg/Kg-dry	1	2/17/2020
2,4-Dichlorophenol	ND	0.21		mg/Kg-dry	1	2/17/2020
Diethyl phthalate	ND	0.21		mg/Kg-dry	1	2/17/2020
2,4-Dimethylphenol	ND	0.21		mg/Kg-dry	1	2/17/2020
Dimethyl phthalate	ND	0.21		mg/Kg-dry	1	2/17/2020
4,6-Dinitro-2-methylphenol	ND	0.40		mg/Kg-dry	1	2/17/2020
2,4-Dinitrophenol	ND	1.0		mg/Kg-dry	1	2/17/2020
2,4-Dinitrotoluene	ND	0.040		mg/Kg-dry	1	2/17/2020
2,6-Dinitrotoluene	ND	0.040		mg/Kg-dry	1	2/17/2020
Di-n-butyl phthalate	ND	0.21		mg/Kg-dry	1	2/17/2020
Di-n-octyl phthalate	ND	0.21		mg/Kg-dry	1	2/17/2020

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

**Qualifiers:**

J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded

**STAT Analysis Corporation**

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: March 10, 2020

Date Printed: March 10, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-15-01 (0-1.5)

Work Order: 20020373 Revision 0

Collection Date: 2/12/2020 11:17:00 AM

Project: 81.0220509.75, IDOT WO37 Elk Grove, Elk Grove

Matrix: Soil

Lab ID: 20020373-022

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Semivolatile Organic Compounds by GC/MS</b>	<b>SW8270D (SW3550B)</b>				Prep Date: 2/14/2020	Analyst: TEM
Fluoranthene	ND	0.040		mg/Kg-dry	1	2/17/2020
Fluorene	ND	0.040		mg/Kg-dry	1	2/17/2020
Hexachlorobenzene	ND	0.21		mg/Kg-dry	1	2/17/2020
Hexachlorobutadiene	ND	0.21		mg/Kg-dry	1	2/17/2020
Hexachlorocyclopentadiene	ND	0.21		mg/Kg-dry	1	2/17/2020
Hexachloroethane	ND	0.21		mg/Kg-dry	1	2/17/2020
Indeno(1,2,3-cd)pyrene	ND	0.040		mg/Kg-dry	1	2/17/2020
Isophorone	ND	0.21		mg/Kg-dry	1	2/17/2020
2-Methylnaphthalene	ND	0.21		mg/Kg-dry	1	2/17/2020
2-Methylphenol	ND	0.21		mg/Kg-dry	1	2/17/2020
4-Methylphenol	ND	0.21		mg/Kg-dry	1	2/17/2020
Naphthalene	ND	0.040		mg/Kg-dry	1	2/17/2020
2-Nitroaniline	ND	0.21		mg/Kg-dry	1	2/17/2020
3-Nitroaniline	ND	0.21		mg/Kg-dry	1	2/17/2020
4-Nitroaniline	ND	0.21		mg/Kg-dry	1	2/17/2020
2-Nitrophenol	ND	0.21		mg/Kg-dry	1	2/17/2020
4-Nitrophenol	ND	0.40		mg/Kg-dry	1	2/17/2020
Nitrobenzene	ND	0.040		mg/Kg-dry	1	2/17/2020
N-Nitrosodi-n-propylamine	ND	0.040		mg/Kg-dry	1	2/17/2020
N-Nitrosodimethylamine	ND	0.21		mg/Kg-dry	1	2/17/2020
N-Nitrosodiphenylamine	ND	0.040		mg/Kg-dry	1	2/17/2020
2, 2'-oxybis(1-Chloropropane)	ND	0.21		mg/Kg-dry	1	2/17/2020
Pentachlorophenol	ND	0.040		mg/Kg-dry	1	2/17/2020
Phenanthrene	ND	0.040		mg/Kg-dry	1	2/17/2020
Phenol	ND	0.21		mg/Kg-dry	1	2/17/2020
Pyrene	ND	0.040		mg/Kg-dry	1	2/17/2020
Pyridine	ND	0.81		mg/Kg-dry	1	2/17/2020
1,2,4-Trichlorobenzene	ND	0.21		mg/Kg-dry	1	2/17/2020
2,4,5-Trichlorophenol	ND	0.21		mg/Kg-dry	1	2/17/2020
2,4,6-Trichlorophenol	ND	0.21		mg/Kg-dry	1	2/17/2020
<b>Metals by ICP/MS</b>	<b>SW6020A (SW3050B)</b>				Prep Date: 2/19/2020	Analyst: MDT
Antimony	ND	2.1		mg/Kg-dry	10	2/20/2020
Arsenic	10	1.1		mg/Kg-dry	10	2/20/2020
Barium	160	1.1		mg/Kg-dry	10	2/20/2020
Beryllium	0.67	0.53		mg/Kg-dry	10	2/20/2020
Cadmium	ND	0.53		mg/Kg-dry	10	2/20/2020
Calcium	23000	64		mg/Kg-dry	10	2/20/2020
Chromium	22	1.1		mg/Kg-dry	10	2/20/2020

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers: J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded

**STAT Analysis Corporation**

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: March 10, 2020

Date Printed: March 10, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-15-01 (0-1.5)

Work Order: 20020373 Revision 0

Collection Date: 2/12/2020 11:17:00 AM

Project: 81.0220509.75, IDOT WO37 Elk Grove, Elk Grove

Matrix: Soil

Lab ID: 20020373-022

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Metals by ICP/MS</b>		<b>SW6020A (SW3050B)</b>		Prep Date: 2/19/2020		Analyst: MDT
Cobalt	14	1.1		mg/Kg-dry	10	2/20/2020
Copper	24	2.7		mg/Kg-dry	10	2/20/2020
Iron	26000	32		mg/Kg-dry	10	2/20/2020
Lead	32	0.53		mg/Kg-dry	10	2/20/2020
Magnesium	12000	32		mg/Kg-dry	10	2/20/2020
Manganese	910	1.1		mg/Kg-dry	10	2/20/2020
Nickel	26	1.1		mg/Kg-dry	10	2/20/2020
Potassium	1600	32		mg/Kg-dry	10	2/20/2020
Selenium	ND	1.1		mg/Kg-dry	10	2/20/2020
Silver	ND	1.1		mg/Kg-dry	10	2/20/2020
Sodium	1400	64		mg/Kg-dry	10	2/20/2020
Thallium	ND	1.1		mg/Kg-dry	10	2/20/2020
Vanadium	32	1.1		mg/Kg-dry	10	2/20/2020
Zinc	87	5.3		mg/Kg-dry	10	2/20/2020
<b>SPLP Metals by ICP/MS</b>		<b>SW1312/6020A (SW3005A)</b>		Prep Date: 2/19/2020		Analyst: MDT
Arsenic	ND	0.0040		mg/L	2	2/19/2020
Barium	0.027	0.020		mg/L	2	2/19/2020
Beryllium	ND	0.0020		mg/L	2	2/19/2020
Cadmium	ND	0.0020		mg/L	2	2/19/2020
Chromium	0.0054	0.0040		mg/L	2	2/19/2020
Cobalt	ND	0.0040		mg/L	2	2/19/2020
Copper	ND	0.040		mg/L	2	2/19/2020
Iron	1.7	0.10		mg/L	2	2/19/2020
Lead	ND	0.0020		mg/L	2	2/19/2020
Manganese	0.015	0.0040		mg/L	2	2/19/2020
Nickel	ND	0.0040		mg/L	2	2/19/2020
Selenium	ND	0.0040		mg/L	2	2/19/2020
Silver	ND	0.0040		mg/L	2	2/19/2020
Zinc	ND	0.020		mg/L	2	2/19/2020
<b>TCLP Metals by ICP/MS</b>		<b>SW1311/6020A (SW3005A)</b>		Prep Date: 2/18/2020		Analyst: MDT
Arsenic	ND	0.010		mg/L	5	2/19/2020
Barium	0.28	0.050		mg/L	5	2/19/2020
Beryllium	ND	0.0050		mg/L	5	2/19/2020
Cadmium	ND	0.0050		mg/L	5	2/19/2020
Chromium	ND	0.010		mg/L	5	2/19/2020
Cobalt	ND	0.010		mg/L	5	2/19/2020
Copper	ND	0.10		mg/L	5	2/19/2020

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

**Qualifiers:**

J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded

**STAT Analysis Corporation**

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: March 10, 2020

Date Printed: March 10, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-15-01 (0-1.5)

Work Order: 20020373 Revision 0

Collection Date: 2/12/2020 11:17:00 AM

Project: 81.0220509.75, IDOT WO37 Elk Grove, Elk Grove

Matrix: Soil

Lab ID: 20020373-022

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>TCLP Metals by ICP/MS</b>	<b>SW1311/6020A (SW3005A)</b>			Prep Date: <b>2/18/2020</b>		Analyst: <b>MDT</b>
Iron	ND	0.25		mg/L	5	2/19/2020
Lead	ND	0.0050		mg/L	5	2/19/2020
Manganese	0.12	0.010		mg/L	5	2/19/2020
Nickel	ND	0.010		mg/L	5	2/19/2020
Selenium	ND	0.010		mg/L	5	2/19/2020
Silver	ND	0.010		mg/L	5	2/19/2020
Zinc	ND	0.050		mg/L	5	2/19/2020
<b>TCLP Mercury</b>	<b>SW1311/7470A</b>			Prep Date: <b>2/18/2020</b>		Analyst: <b>LB</b>
Mercury	ND	0.00020		mg/L	1	2/19/2020
<b>SPLP Mercury</b>	<b>SW1312/7470A</b>			Prep Date: <b>2/24/2020</b>		Analyst: <b>LB</b>
Mercury	ND	0.00020		mg/L	1	2/25/2020
<b>Mercury</b>	<b>SW7471B</b>			Prep Date: <b>3/6/2020</b>		Analyst: <b>LB</b>
Mercury	0.039	0.020		mg/Kg-dry	1	3/9/2020
<b>pH (25 °C)</b>	<b>SW9045C</b>			Prep Date: <b>2/18/2020</b>		Analyst: <b>JAR</b>
pH	7.98			pH Units	1	2/18/2020
<b>Percent Moisture</b>	<b>D2974</b>			Prep Date: <b>2/14/2020</b>		Analyst: <b>FN</b>
Percent Moisture	18.2	0.2	*	wt%	1	2/17/2020

**Qualifiers:**  
 ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 HT - Sample received past holding time  
 \* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis  
 S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range  
 H - Holding time exceeded

**STAT Analysis Corporation**

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: March 12, 2020

Date Printed: March 12, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-1-01 (0-2)

Work Order: 20020495 Revision 0

Collection Date: 2/17/2020 9:50:00 AM

Project: 81.0220509.75, WO #37, Elk Grove

Matrix: Soil

Lab ID: 20020495-001

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Volatile Organic Compounds by GC/MS</b>		<b>SW5035/8260B</b>		Prep Date: <b>2/19/2020</b>		Analyst: <b>JDT</b>
Acetone	ND	0.083		mg/Kg-dry	1	2/25/2020
Benzene	ND	0.0056		mg/Kg-dry	1	2/25/2020
Bromodichloromethane	ND	0.0056		mg/Kg-dry	1	2/25/2020
Bromoform	ND	0.0056		mg/Kg-dry	1	2/25/2020
Bromomethane	ND	0.011		mg/Kg-dry	1	2/25/2020
2-Butanone	ND	0.083		mg/Kg-dry	1	2/25/2020
Carbon disulfide	ND	0.056		mg/Kg-dry	1	2/25/2020
Carbon tetrachloride	ND	0.0056		mg/Kg-dry	1	2/25/2020
Chlorobenzene	ND	0.0056		mg/Kg-dry	1	2/25/2020
Chloroethane	ND	0.011		mg/Kg-dry	1	2/25/2020
Chloroform	ND	0.0056		mg/Kg-dry	1	2/25/2020
Chloromethane	ND	0.011		mg/Kg-dry	1	2/25/2020
Dibromochloromethane	ND	0.0056		mg/Kg-dry	1	2/25/2020
1,1-Dichloroethane	ND	0.0056		mg/Kg-dry	1	2/25/2020
1,2-Dichloroethane	ND	0.0056		mg/Kg-dry	1	2/25/2020
1,1-Dichloroethene	ND	0.0056		mg/Kg-dry	1	2/25/2020
cis-1,2-Dichloroethene	ND	0.0056		mg/Kg-dry	1	2/25/2020
trans-1,2-Dichloroethene	ND	0.0056		mg/Kg-dry	1	2/25/2020
1,2-Dichloropropane	ND	0.0056		mg/Kg-dry	1	2/25/2020
cis-1,3-Dichloropropene	ND	0.0022		mg/Kg-dry	1	2/25/2020
trans-1,3-Dichloropropene	ND	0.0022		mg/Kg-dry	1	2/25/2020
Ethylbenzene	ND	0.0056		mg/Kg-dry	1	2/25/2020
2-Hexanone	ND	0.022		mg/Kg-dry	1	2/25/2020
4-Methyl-2-pentanone	ND	0.022		mg/Kg-dry	1	2/25/2020
Methylene chloride	ND	0.011		mg/Kg-dry	1	2/25/2020
Methyl tert-butyl ether	ND	0.0056		mg/Kg-dry	1	2/25/2020
Styrene	ND	0.0056		mg/Kg-dry	1	2/25/2020
1,1,2,2-Tetrachloroethane	ND	0.0056		mg/Kg-dry	1	2/25/2020
Tetrachloroethene	ND	0.0056		mg/Kg-dry	1	2/25/2020
Toluene	ND	0.0056		mg/Kg-dry	1	2/25/2020
1,1,1-Trichloroethane	ND	0.0056		mg/Kg-dry	1	2/25/2020
1,1,2-Trichloroethane	ND	0.0056		mg/Kg-dry	1	2/25/2020
Trichloroethene	ND	0.0056		mg/Kg-dry	1	2/25/2020
Vinyl chloride	ND	0.0056		mg/Kg-dry	1	2/25/2020
Xylenes, Total	ND	0.017		mg/Kg-dry	1	2/25/2020
<b>Semivolatile Organic Compounds by GC/MS</b>		<b>SW8270D (SW3550B)</b>		Prep Date: <b>2/20/2020</b>		Analyst: <b>DM</b>
Acenaphthene	ND	0.042		mg/Kg-dry	1	2/21/2020
Acenaphthylene	ND	0.042		mg/Kg-dry	1	2/21/2020

**Qualifiers:**  
 ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 HT - Sample received past holding time  
 \* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis  
 S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range  
 H - Holding time exceeded



**STAT Analysis Corporation**

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: March 12, 2020

Date Printed: March 12, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-1-01 (0-2)

Work Order: 20020495 Revision 0

Collection Date: 2/17/2020 9:50:00 AM

Project: 81.0220509.75, WO #37, Elk Grove

Matrix: Soil

Lab ID: 20020495-001

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Semivolatile Organic Compounds by GC/MS</b>		<b>SW8270D (SW3550B)</b>		Prep Date: 2/20/2020		Analyst: DM
Aniline	ND	0.43		mg/Kg-dry	1	2/21/2020
Anthracene	ND	0.042		mg/Kg-dry	1	2/21/2020
Benz(a)anthracene	ND	0.042		mg/Kg-dry	1	2/21/2020
Benzidine	ND	0.42		mg/Kg-dry	1	2/21/2020
Benzo(a)pyrene	ND	0.042		mg/Kg-dry	1	2/21/2020
Benzo(b)fluoranthene	ND	0.042		mg/Kg-dry	1	2/21/2020
Benzo(g,h,i)perylene	ND	0.042		mg/Kg-dry	1	2/21/2020
Benzo(k)fluoranthene	ND	0.042		mg/Kg-dry	1	2/21/2020
Benzoic acid	ND	1.1		mg/Kg-dry	1	2/21/2020
Benzyl alcohol	ND	0.22		mg/Kg-dry	1	2/21/2020
Bis(2-chloroethoxy)methane	ND	0.22		mg/Kg-dry	1	2/21/2020
Bis(2-chloroethyl)ether	ND	0.22		mg/Kg-dry	1	2/21/2020
Bis(2-ethylhexyl)phthalate	ND	1.1		mg/Kg-dry	1	2/21/2020
4-Bromophenyl phenyl ether	ND	0.22		mg/Kg-dry	1	2/21/2020
Butyl benzyl phthalate	ND	0.22		mg/Kg-dry	1	2/21/2020
Carbazole	ND	0.22		mg/Kg-dry	1	2/21/2020
4-Chloroaniline	ND	0.22		mg/Kg-dry	1	2/21/2020
4-Chloro-3-methylphenol	ND	0.42		mg/Kg-dry	1	2/21/2020
2-Chloronaphthalene	ND	0.22		mg/Kg-dry	1	2/21/2020
2-Chlorophenol	ND	0.22		mg/Kg-dry	1	2/21/2020
4-Chlorophenyl phenyl ether	ND	0.22		mg/Kg-dry	1	2/21/2020
Chrysene	ND	0.042		mg/Kg-dry	1	2/21/2020
Dibenz(a,h)anthracene	ND	0.042		mg/Kg-dry	1	2/21/2020
Dibenzofuran	ND	0.22		mg/Kg-dry	1	2/21/2020
1,2-Dichlorobenzene	ND	0.22		mg/Kg-dry	1	2/21/2020
1,3-Dichlorobenzene	ND	0.22		mg/Kg-dry	1	2/21/2020
1,4-Dichlorobenzene	ND	0.22		mg/Kg-dry	1	2/21/2020
3,3'-Dichlorobenzidine	ND	0.22		mg/Kg-dry	1	2/21/2020
2,4-Dichlorophenol	ND	0.22		mg/Kg-dry	1	2/21/2020
Diethyl phthalate	ND	0.22		mg/Kg-dry	1	2/21/2020
2,4-Dimethylphenol	ND	0.22		mg/Kg-dry	1	2/21/2020
Dimethyl phthalate	ND	0.22		mg/Kg-dry	1	2/21/2020
4,6-Dinitro-2-methylphenol	ND	0.42		mg/Kg-dry	1	2/21/2020
2,4-Dinitrophenol	ND	1.1		mg/Kg-dry	1	2/21/2020
2,4-Dinitrotoluene	ND	0.042		mg/Kg-dry	1	2/21/2020
2,6-Dinitrotoluene	ND	0.042		mg/Kg-dry	1	2/21/2020
Di-n-butyl phthalate	ND	0.22		mg/Kg-dry	1	2/21/2020
Di-n-octyl phthalate	ND	0.22		mg/Kg-dry	1	2/21/2020

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers: J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded

**STAT Analysis Corporation**

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: March 12, 2020

Date Printed: March 12, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-1-01 (0-2)

Work Order: 20020495 Revision 0

Collection Date: 2/17/2020 9:50:00 AM

Project: 81.0220509.75, WO #37, Elk Grove

Matrix: Soil

Lab ID: 20020495-001

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
----------	--------	----	-----------	-------	----	---------------

Semivolatile Organic Compounds by GC/MS	SW8270D (SW3550B)	Prep Date: 2/20/2020			Analyst: DM
---	-------------------	----------------------	--	--	-------------

Fluoranthene	ND	0.042		mg/Kg-dry	1	2/21/2020
Fluorene	ND	0.042		mg/Kg-dry	1	2/21/2020
Hexachlorobenzene	ND	0.22		mg/Kg-dry	1	2/21/2020
Hexachlorobutadiene	ND	0.22		mg/Kg-dry	1	2/21/2020
Hexachlorocyclopentadiene	ND	0.22		mg/Kg-dry	1	2/21/2020
Hexachloroethane	ND	0.22		mg/Kg-dry	1	2/21/2020
Indeno(1,2,3-cd)pyrene	ND	0.042		mg/Kg-dry	1	2/21/2020
Isophorone	ND	0.22		mg/Kg-dry	1	2/21/2020
2-Methylnaphthalene	ND	0.22		mg/Kg-dry	1	2/21/2020
2-Methylphenol	ND	0.22		mg/Kg-dry	1	2/21/2020
4-Methylphenol	ND	0.22		mg/Kg-dry	1	2/21/2020
Naphthalene	ND	0.042		mg/Kg-dry	1	2/21/2020
2-Nitroaniline	ND	0.22		mg/Kg-dry	1	2/21/2020
3-Nitroaniline	ND	0.22		mg/Kg-dry	1	2/21/2020
4-Nitroaniline	ND	0.22		mg/Kg-dry	1	2/21/2020
2-Nitrophenol	ND	0.22		mg/Kg-dry	1	2/21/2020
4-Nitrophenol	ND	0.42		mg/Kg-dry	1	2/21/2020
Nitrobenzene	ND	0.042		mg/Kg-dry	1	2/21/2020
N-Nitrosodi-n-propylamine	ND	0.042		mg/Kg-dry	1	2/21/2020
N-Nitrosodimethylamine	ND	0.22		mg/Kg-dry	1	2/21/2020
N-Nitrosodiphenylamine	ND	0.042		mg/Kg-dry	1	2/21/2020
2, 2'-oxybis(1-Chloropropane)	ND	0.22		mg/Kg-dry	1	2/21/2020
Pentachlorophenol	ND	0.042		mg/Kg-dry	1	2/21/2020
Phenanthrene	ND	0.042		mg/Kg-dry	1	2/21/2020
Phenol	ND	0.22		mg/Kg-dry	1	2/21/2020
Pyrene	ND	0.042		mg/Kg-dry	1	2/21/2020
Pyridine	ND	0.86		mg/Kg-dry	1	2/21/2020
1,2,4-Trichlorobenzene	ND	0.22		mg/Kg-dry	1	2/21/2020
2,4,5-Trichlorophenol	ND	0.22		mg/Kg-dry	1	2/21/2020
2,4,6-Trichlorophenol	ND	0.22		mg/Kg-dry	1	2/21/2020

Metals by ICP/MS	SW6020A (SW3050B)	Prep Date: 2/24/2020			Analyst: JG
------------------	-------------------	----------------------	--	--	-------------

Antimony	ND	2.3		mg/Kg-dry	10	2/24/2020
Arsenic	9.2	1.2		mg/Kg-dry	10	2/24/2020
Barium	80	1.2		mg/Kg-dry	10	2/24/2020
Beryllium	0.88	0.58		mg/Kg-dry	10	2/24/2020
Cadmium	ND	0.58		mg/Kg-dry	10	2/24/2020
Calcium	4700	69		mg/Kg-dry	10	2/24/2020
Chromium	20	1.2		mg/Kg-dry	10	2/24/2020

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	RL - Reporting / Quantitation Limit for the analysis
	J - Analyte detected below quantitation limits	S - Spike Recovery outside accepted recovery limits
	B - Analyte detected in the associated Method Blank	R - RPD outside accepted recovery limits
	HT - Sample received past holding time	E - Value above quantitation range
	* - Non-accredited parameter	H - Holding time exceeded

**STAT Analysis Corporation**

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: March 12, 2020

Date Printed: March 12, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-1-01 (0-2)

Work Order: 20020495 Revision 0

Collection Date: 2/17/2020 9:50:00 AM

Project: 81.0220509.75, WO #37, Elk Grove

Matrix: Soil

Lab ID: 20020495-001

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Metals by ICP/MS</b>		<b>SW6020A (SW3050B)</b>		Prep Date: <b>2/24/2020</b>		Analyst: <b>JG</b>
Cobalt	10	1.2		mg/Kg-dry	10	2/24/2020
Copper	22	2.9		mg/Kg-dry	10	2/24/2020
Iron	21000	35		mg/Kg-dry	10	2/24/2020
Lead	24	0.58		mg/Kg-dry	10	2/24/2020
Magnesium	4000	35		mg/Kg-dry	10	2/24/2020
Manganese	400	1.2		mg/Kg-dry	10	2/24/2020
Nickel	22	1.2		mg/Kg-dry	10	2/24/2020
Potassium	1900	35		mg/Kg-dry	10	2/24/2020
Selenium	1.4	1.2		mg/Kg-dry	10	2/24/2020
Silver	ND	1.2		mg/Kg-dry	10	2/24/2020
Sodium	4400	69		mg/Kg-dry	10	2/24/2020
Thallium	ND	1.2		mg/Kg-dry	10	2/24/2020
Vanadium	30	1.2		mg/Kg-dry	10	2/24/2020
Zinc	60	5.8		mg/Kg-dry	10	2/24/2020
<b>SPLP Metals by ICP/MS</b>		<b>SW1312/6020A (SW3005A)</b>		Prep Date: <b>2/20/2020</b>		Analyst: <b>MDT</b>
Arsenic	0.0060	0.0040		mg/L	2	2/21/2020
Barium	0.025	0.020		mg/L	2	2/21/2020
Beryllium	ND	0.0020		mg/L	2	2/21/2020
Cadmium	ND	0.0020		mg/L	2	2/21/2020
Chromium	0.0094	0.0040		mg/L	2	2/21/2020
Cobalt	ND	0.0040		mg/L	2	2/21/2020
Copper	ND	0.040		mg/L	2	2/21/2020
Iron	5.4	0.10		mg/L	2	2/21/2020
Lead	0.0029	0.0020		mg/L	2	2/21/2020
Manganese	0.057	0.0040		mg/L	2	2/21/2020
Nickel	0.0095	0.0040		mg/L	2	2/21/2020
Selenium	ND	0.0040		mg/L	2	2/21/2020
Silver	ND	0.0040		mg/L	2	2/21/2020
Zinc	ND	0.020		mg/L	2	2/21/2020
<b>TCLP Metals by ICP/MS</b>		<b>SW1311/6020A (SW3005A)</b>		Prep Date: <b>2/21/2020</b>		Analyst: <b>JG</b>
Arsenic	ND	0.010		mg/L	5	2/24/2020
Barium	0.10	0.050		mg/L	5	2/24/2020
Beryllium	ND	0.0050		mg/L	5	2/24/2020
Cadmium	ND	0.0050		mg/L	5	2/24/2020
Chromium	ND	0.010		mg/L	5	2/24/2020
Cobalt	ND	0.010		mg/L	5	2/24/2020
Copper	ND	0.10		mg/L	5	2/24/2020

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers: J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded

**STAT Analysis Corporation**

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: March 12, 2020

Date Printed: March 12, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Work Order: 20020495 Revision 0

Project: 81.0220509.75, WO #37, Elk Grove

Lab ID: 20020495-001

Client Sample ID: 2360V2-1-01 (0-2)

Collection Date: 2/17/2020 9:50:00 AM

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>TCLP Metals by ICP/MS</b>	<b>SW1311/6020A (SW3005A)</b>		Prep Date: <b>2/21/2020</b>		Analyst: <b>JG</b>	
Iron	1.4	0.25		mg/L	5	2/24/2020
Lead	ND	0.0050		mg/L	5	2/24/2020
Manganese	2.6	0.010		mg/L	5	2/24/2020
Nickel	ND	0.010		mg/L	5	2/24/2020
Selenium	ND	0.010		mg/L	5	2/24/2020
Silver	ND	0.010		mg/L	5	2/24/2020
Zinc	ND	0.050		mg/L	5	2/24/2020
<b>TCLP Mercury</b>	<b>SW1311/7470A</b>		Prep Date: <b>3/6/2020</b>		Analyst: <b>JG</b>	
Mercury	ND	0.00020		mg/L	1	3/7/2020
<b>SPLP Mercury</b>	<b>SW1312/7470A</b>		Prep Date: <b>2/24/2020</b>		Analyst: <b>LB</b>	
Mercury	ND	0.00020		mg/L	1	2/27/2020
<b>Mercury</b>	<b>SW7471B</b>		Prep Date: <b>3/10/2020</b>		Analyst: <b>LB</b>	
Mercury	0.084	0.020		mg/Kg-dry	1	3/11/2020
<b>pH (25 °C)</b>	<b>SW9045C</b>		Prep Date: <b>2/25/2020</b>		Analyst: <b>FN</b>	
pH	8.59			pH Units	1	2/25/2020
<b>Percent Moisture</b>	<b>D2974</b>		Prep Date: <b>2/19/2020</b>		Analyst: <b>FN</b>	
Percent Moisture	22.4	0.2	*	wt%	1	2/20/2020

**Qualifiers:**  
 ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 HT - Sample received past holding time  
 \* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis  
 S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range  
 H - Holding time exceeded

**STAT Analysis Corporation**

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: March 12, 2020

Date Printed: March 12, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-1-02 (0-2)

Work Order: 20020495 Revision 0

Collection Date: 2/17/2020 9:55:00 AM

Project: 81.0220509.75, WO #37, Elk Grove

Matrix: Soil

Lab ID: 20020495-002

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Volatile Organic Compounds by GC/MS</b>		<b>SW5035/8260B</b>		Prep Date: <b>2/19/2020</b>		Analyst: <b>JDT</b>
Acetone	0.098	0.088		mg/Kg-dry	1	2/25/2020
Benzene	ND	0.0059		mg/Kg-dry	1	2/25/2020
Bromodichloromethane	ND	0.0059		mg/Kg-dry	1	2/25/2020
Bromoform	ND	0.0059		mg/Kg-dry	1	2/25/2020
Bromomethane	ND	0.012		mg/Kg-dry	1	2/25/2020
2-Butanone	ND	0.088		mg/Kg-dry	1	2/25/2020
Carbon disulfide	ND	0.059		mg/Kg-dry	1	2/25/2020
Carbon tetrachloride	ND	0.0059		mg/Kg-dry	1	2/25/2020
Chlorobenzene	ND	0.0059		mg/Kg-dry	1	2/25/2020
Chloroethane	ND	0.012		mg/Kg-dry	1	2/25/2020
Chloroform	ND	0.0059		mg/Kg-dry	1	2/25/2020
Chloromethane	ND	0.012		mg/Kg-dry	1	2/25/2020
Dibromochloromethane	ND	0.0059		mg/Kg-dry	1	2/25/2020
1,1-Dichloroethane	ND	0.0059		mg/Kg-dry	1	2/25/2020
1,2-Dichloroethane	ND	0.0059		mg/Kg-dry	1	2/25/2020
1,1-Dichloroethene	ND	0.0059		mg/Kg-dry	1	2/25/2020
cis-1,2-Dichloroethene	ND	0.0059		mg/Kg-dry	1	2/25/2020
trans-1,2-Dichloroethene	ND	0.0059		mg/Kg-dry	1	2/25/2020
1,2-Dichloropropane	ND	0.0059		mg/Kg-dry	1	2/25/2020
cis-1,3-Dichloropropene	ND	0.0023		mg/Kg-dry	1	2/25/2020
trans-1,3-Dichloropropene	ND	0.0023		mg/Kg-dry	1	2/25/2020
Ethylbenzene	ND	0.0059		mg/Kg-dry	1	2/25/2020
2-Hexanone	ND	0.023		mg/Kg-dry	1	2/25/2020
4-Methyl-2-pentanone	ND	0.023		mg/Kg-dry	1	2/25/2020
Methylene chloride	ND	0.012		mg/Kg-dry	1	2/25/2020
Methyl tert-butyl ether	ND	0.0059		mg/Kg-dry	1	2/25/2020
Styrene	ND	0.0059		mg/Kg-dry	1	2/25/2020
1,1,2,2-Tetrachloroethane	ND	0.0059		mg/Kg-dry	1	2/25/2020
Tetrachloroethene	ND	0.0059		mg/Kg-dry	1	2/25/2020
Toluene	ND	0.0059		mg/Kg-dry	1	2/25/2020
1,1,1-Trichloroethane	ND	0.0059		mg/Kg-dry	1	2/25/2020
1,1,2-Trichloroethane	ND	0.0059		mg/Kg-dry	1	2/25/2020
Trichloroethene	ND	0.0059		mg/Kg-dry	1	2/25/2020
Vinyl chloride	ND	0.0059		mg/Kg-dry	1	2/25/2020
Xylenes, Total	ND	0.018		mg/Kg-dry	1	2/25/2020
<b>Semivolatile Organic Compounds by GC/MS</b>		<b>SW8270D (SW3550B)</b>		Prep Date: <b>2/20/2020</b>		Analyst: <b>DM</b>
Acenaphthene	ND	0.043		mg/Kg-dry	1	2/21/2020
Acenaphthylene	ND	0.043		mg/Kg-dry	1	2/21/2020

**Qualifiers:**  
 ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 HT - Sample received past holding time  
 \* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis  
 S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range  
 H - Holding time exceeded

**STAT Analysis Corporation**

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: March 12, 2020

Date Printed: March 12, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-1-02 (0-2)

Work Order: 20020495 Revision 0

Collection Date: 2/17/2020 9:55:00 AM

Project: 81.0220509.75, WO #37, Elk Grove

Matrix: Soil

Lab ID: 20020495-002

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Semivolatile Organic Compounds by GC/MS</b>		<b>SW8270D (SW3550B)</b>		Prep Date: 2/20/2020		Analyst: DM
Aniline	ND	0.44		mg/Kg-dry	1	2/21/2020
Anthracene	ND	0.043		mg/Kg-dry	1	2/21/2020
Benz(a)anthracene	ND	0.043		mg/Kg-dry	1	2/21/2020
Benzidine	ND	0.43		mg/Kg-dry	1	2/21/2020
Benzo(a)pyrene	ND	0.043		mg/Kg-dry	1	2/21/2020
Benzo(b)fluoranthene	ND	0.043		mg/Kg-dry	1	2/21/2020
Benzo(g,h,i)perylene	ND	0.043		mg/Kg-dry	1	2/21/2020
Benzo(k)fluoranthene	ND	0.043		mg/Kg-dry	1	2/21/2020
Benzoic acid	ND	1.1		mg/Kg-dry	1	2/21/2020
Benzyl alcohol	ND	0.22		mg/Kg-dry	1	2/21/2020
Bis(2-chloroethoxy)methane	ND	0.22		mg/Kg-dry	1	2/21/2020
Bis(2-chloroethyl)ether	ND	0.22		mg/Kg-dry	1	2/21/2020
Bis(2-ethylhexyl)phthalate	ND	1.1		mg/Kg-dry	1	2/21/2020
4-Bromophenyl phenyl ether	ND	0.22		mg/Kg-dry	1	2/21/2020
Butyl benzyl phthalate	ND	0.22		mg/Kg-dry	1	2/21/2020
Carbazole	ND	0.22		mg/Kg-dry	1	2/21/2020
4-Chloroaniline	ND	0.22		mg/Kg-dry	1	2/21/2020
4-Chloro-3-methylphenol	ND	0.43		mg/Kg-dry	1	2/21/2020
2-Chloronaphthalene	ND	0.22		mg/Kg-dry	1	2/21/2020
2-Chlorophenol	ND	0.22		mg/Kg-dry	1	2/21/2020
4-Chlorophenyl phenyl ether	ND	0.22		mg/Kg-dry	1	2/21/2020
Chrysene	ND	0.043		mg/Kg-dry	1	2/21/2020
Dibenz(a,h)anthracene	ND	0.043		mg/Kg-dry	1	2/21/2020
Dibenzofuran	ND	0.22		mg/Kg-dry	1	2/21/2020
1,2-Dichlorobenzene	ND	0.22		mg/Kg-dry	1	2/21/2020
1,3-Dichlorobenzene	ND	0.22		mg/Kg-dry	1	2/21/2020
1,4-Dichlorobenzene	ND	0.22		mg/Kg-dry	1	2/21/2020
3,3'-Dichlorobenzidine	ND	0.22		mg/Kg-dry	1	2/21/2020
2,4-Dichlorophenol	ND	0.22		mg/Kg-dry	1	2/21/2020
Diethyl phthalate	ND	0.22		mg/Kg-dry	1	2/21/2020
2,4-Dimethylphenol	ND	0.22		mg/Kg-dry	1	2/21/2020
Dimethyl phthalate	ND	0.22		mg/Kg-dry	1	2/21/2020
4,6-Dinitro-2-methylphenol	ND	0.43		mg/Kg-dry	1	2/21/2020
2,4-Dinitrophenol	ND	1.1		mg/Kg-dry	1	2/21/2020
2,4-Dinitrotoluene	ND	0.043		mg/Kg-dry	1	2/21/2020
2,6-Dinitrotoluene	ND	0.043		mg/Kg-dry	1	2/21/2020
Di-n-butyl phthalate	ND	0.22		mg/Kg-dry	1	2/21/2020
Di-n-octyl phthalate	ND	0.22		mg/Kg-dry	1	2/21/2020

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

**Qualifiers:**

J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded

**STAT Analysis Corporation**

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: March 12, 2020

Date Printed: March 12, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-1-02 (0-2)

Work Order: 20020495 Revision 0

Collection Date: 2/17/2020 9:55:00 AM

Project: 81.0220509.75, WO #37, Elk Grove

Matrix: Soil

Lab ID: 20020495-002

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
----------	--------	----	-----------	-------	----	---------------

Semivolatile Organic Compounds by GC/MS	SW8270D (SW3550B)		Prep Date: 2/20/2020		Analyst: DM
---	-------------------	--	----------------------	--	-------------

Fluoranthene	0.048	0.043		mg/Kg-dry	1	2/21/2020
Fluorene	ND	0.043		mg/Kg-dry	1	2/21/2020
Hexachlorobenzene	ND	0.22		mg/Kg-dry	1	2/21/2020
Hexachlorobutadiene	ND	0.22		mg/Kg-dry	1	2/21/2020
Hexachlorocyclopentadiene	ND	0.22		mg/Kg-dry	1	2/21/2020
Hexachloroethane	ND	0.22		mg/Kg-dry	1	2/21/2020
Indeno(1,2,3-cd)pyrene	ND	0.043		mg/Kg-dry	1	2/21/2020
Isophorone	ND	0.22		mg/Kg-dry	1	2/21/2020
2-Methylnaphthalene	ND	0.22		mg/Kg-dry	1	2/21/2020
2-Methylphenol	ND	0.22		mg/Kg-dry	1	2/21/2020
4-Methylphenol	ND	0.22		mg/Kg-dry	1	2/21/2020
Naphthalene	ND	0.043		mg/Kg-dry	1	2/21/2020
2-Nitroaniline	ND	0.22		mg/Kg-dry	1	2/21/2020
3-Nitroaniline	ND	0.22		mg/Kg-dry	1	2/21/2020
4-Nitroaniline	ND	0.22		mg/Kg-dry	1	2/21/2020
2-Nitrophenol	ND	0.22		mg/Kg-dry	1	2/21/2020
4-Nitrophenol	ND	0.43		mg/Kg-dry	1	2/21/2020
Nitrobenzene	ND	0.043		mg/Kg-dry	1	2/21/2020
N-Nitrosodi-n-propylamine	ND	0.043		mg/Kg-dry	1	2/21/2020
N-Nitrosodimethylamine	ND	0.22		mg/Kg-dry	1	2/21/2020
N-Nitrosodiphenylamine	ND	0.043		mg/Kg-dry	1	2/21/2020
2, 2'-oxybis(1-Chloropropane)	ND	0.22		mg/Kg-dry	1	2/21/2020
Pentachlorophenol	ND	0.043		mg/Kg-dry	1	2/21/2020
Phenanthrene	ND	0.043		mg/Kg-dry	1	2/21/2020
Phenol	ND	0.22		mg/Kg-dry	1	2/21/2020
Pyrene	0.044	0.043		mg/Kg-dry	1	2/21/2020
Pyridine	ND	0.88		mg/Kg-dry	1	2/21/2020
1,2,4-Trichlorobenzene	ND	0.22		mg/Kg-dry	1	2/21/2020
2,4,5-Trichlorophenol	ND	0.22		mg/Kg-dry	1	2/21/2020
2,4,6-Trichlorophenol	ND	0.22		mg/Kg-dry	1	2/21/2020

Metals by ICP/MS	SW6020A (SW3050B)		Prep Date: 2/24/2020		Analyst: JG
------------------	-------------------	--	----------------------	--	-------------

Antimony	ND	2.4		mg/Kg-dry	10	2/24/2020
Arsenic	6.6	1.2		mg/Kg-dry	10	2/24/2020
Barium	110	1.2		mg/Kg-dry	10	2/24/2020
Beryllium	0.87	0.60		mg/Kg-dry	10	2/24/2020
Cadmium	ND	0.60		mg/Kg-dry	10	2/24/2020
Calcium	7100	73		mg/Kg-dry	10	2/24/2020
Chromium	21	1.2		mg/Kg-dry	10	2/24/2020

**Qualifiers:**  
 ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 HT - Sample received past holding time  
 \* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis  
 S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range  
 H - Holding time exceeded

**STAT Analysis Corporation**

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: March 12, 2020

Date Printed: March 12, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-1-02 (0-2)

Work Order: 20020495 Revision 0

Collection Date: 2/17/2020 9:55:00 AM

Project: 81.0220509.75, WO #37, Elk Grove

Matrix: Soil

Lab ID: 20020495-002

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
----------	--------	----	-----------	-------	----	---------------

**Metals by ICP/MS****SW6020A (SW3050B)**

Prep Date: 2/24/2020

Analyst: JG

Cobalt	7.9	1.2		mg/Kg-dry	10	2/24/2020
Copper	21	3.0		mg/Kg-dry	10	2/24/2020
Iron	21000	36		mg/Kg-dry	10	2/24/2020
Lead	30	0.60		mg/Kg-dry	10	2/24/2020
Magnesium	4300	36		mg/Kg-dry	10	2/24/2020
Manganese	320	1.2		mg/Kg-dry	10	2/24/2020
Nickel	20	1.2		mg/Kg-dry	10	2/24/2020
Potassium	1300	36		mg/Kg-dry	10	2/24/2020
Selenium	1.2	1.2		mg/Kg-dry	10	2/24/2020
Silver	ND	1.2		mg/Kg-dry	10	2/24/2020
Sodium	2000	73		mg/Kg-dry	10	2/24/2020
Thallium	ND	1.2		mg/Kg-dry	10	2/24/2020
Vanadium	30	1.2		mg/Kg-dry	10	2/24/2020
Zinc	67	6.0		mg/Kg-dry	10	2/24/2020

**SPLP Metals by ICP/MS****SW1312/6020A (SW3005A)**

Prep Date: 2/20/2020

Analyst: MDT

Arsenic	ND	0.0040		mg/L	2	2/21/2020
Barium	0.021	0.020		mg/L	2	2/21/2020
Beryllium	ND	0.0020		mg/L	2	2/21/2020
Cadmium	ND	0.0020		mg/L	2	2/21/2020
Chromium	0.0063	0.0040		mg/L	2	2/21/2020
Cobalt	ND	0.0040		mg/L	2	2/21/2020
Copper	ND	0.040		mg/L	2	2/21/2020
Iron	2.9	0.10		mg/L	2	2/21/2020
Lead	ND	0.0020		mg/L	2	2/21/2020
Manganese	0.012	0.0040		mg/L	2	2/21/2020
Nickel	ND	0.0040		mg/L	2	2/21/2020
Selenium	ND	0.0040		mg/L	2	2/21/2020
Silver	ND	0.0040		mg/L	2	2/21/2020
Zinc	ND	0.020		mg/L	2	2/21/2020

**TCLP Metals by ICP/MS****SW1311/6020A (SW3005A)**

Prep Date: 2/21/2020

Analyst: JG

Arsenic	ND	0.010		mg/L	5	2/24/2020
Barium	0.23	0.050		mg/L	5	2/24/2020
Beryllium	ND	0.0050		mg/L	5	2/24/2020
Cadmium	ND	0.0050		mg/L	5	2/24/2020
Chromium	ND	0.010		mg/L	5	2/24/2020
Cobalt	ND	0.010		mg/L	5	2/24/2020
Copper	ND	0.10		mg/L	5	2/24/2020

**Qualifiers:**

ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 HT - Sample received past holding time  
 \* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis  
 S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range  
 H - Holding time exceeded



**STAT Analysis Corporation**

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: March 12, 2020

Date Printed: March 12, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Work Order: 20020495 Revision 0

Project: 81.0220509.75, WO #37, Elk Grove

Lab ID: 20020495-002

Client Sample ID: 2360V2-1-02 (0-2)

Collection Date: 2/17/2020 9:55:00 AM

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>TCLP Metals by ICP/MS</b>	<b>SW1311/6020A (SW3005A)</b>		Prep Date: <b>2/21/2020</b>		Analyst: <b>JG</b>	
Iron	0.26	0.25		mg/L	5	2/24/2020
Lead	ND	0.0050		mg/L	5	2/24/2020
Manganese	0.10	0.010		mg/L	5	2/24/2020
Nickel	ND	0.010		mg/L	5	2/24/2020
Selenium	ND	0.010		mg/L	5	2/24/2020
Silver	ND	0.010		mg/L	5	2/24/2020
Zinc	ND	0.050		mg/L	5	2/24/2020
<b>TCLP Mercury</b>	<b>SW1311/7470A</b>		Prep Date: <b>3/6/2020</b>		Analyst: <b>JG</b>	
Mercury	ND	0.00020		mg/L	1	3/7/2020
<b>SPLP Mercury</b>	<b>SW1312/7470A</b>		Prep Date: <b>2/24/2020</b>		Analyst: <b>LB</b>	
Mercury	ND	0.00020		mg/L	1	2/27/2020
<b>Mercury</b>	<b>SW7471B</b>		Prep Date: <b>3/10/2020</b>		Analyst: <b>LB</b>	
Mercury	0.048	0.021		mg/Kg-dry	1	3/11/2020
<b>pH (25 °C)</b>	<b>SW9045C</b>		Prep Date: <b>2/25/2020</b>		Analyst: <b>FN</b>	
pH	8.49			pH Units	1	2/25/2020
<b>Percent Moisture</b>	<b>D2974</b>		Prep Date: <b>2/19/2020</b>		Analyst: <b>FN</b>	
Percent Moisture	24.8	0.2	*	wt%	1	2/20/2020

**Qualifiers:**

ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 HT - Sample received past holding time  
 \* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis  
 S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range  
 H - Holding time exceeded

**STAT Analysis Corporation**

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: March 12, 2020

Date Printed: March 12, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-4-01 (0-1.5)

Work Order: 20020495 Revision 0

Collection Date: 2/17/2020 10:15:00 AM

Project: 81.0220509.75, WO #37, Elk Grove

Matrix: Soil

Lab ID: 20020495-005

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Volatile Organic Compounds by GC/MS</b>		<b>SW5035/8260B</b>		Prep Date: <b>2/19/2020</b>		Analyst: <b>JDT</b>
Acetone	ND	0.069		mg/Kg-dry	1	2/25/2020
Benzene	ND	0.0046		mg/Kg-dry	1	2/25/2020
Bromodichloromethane	ND	0.0046		mg/Kg-dry	1	2/25/2020
Bromoform	ND	0.0046		mg/Kg-dry	1	2/25/2020
Bromomethane	ND	0.0091		mg/Kg-dry	1	2/25/2020
2-Butanone	ND	0.069		mg/Kg-dry	1	2/25/2020
Carbon disulfide	ND	0.046		mg/Kg-dry	1	2/25/2020
Carbon tetrachloride	ND	0.0046		mg/Kg-dry	1	2/25/2020
Chlorobenzene	ND	0.0046		mg/Kg-dry	1	2/25/2020
Chloroethane	ND	0.0091		mg/Kg-dry	1	2/25/2020
Chloroform	ND	0.0046		mg/Kg-dry	1	2/25/2020
Chloromethane	ND	0.0091		mg/Kg-dry	1	2/25/2020
Dibromochloromethane	ND	0.0046		mg/Kg-dry	1	2/25/2020
1,1-Dichloroethane	ND	0.0046		mg/Kg-dry	1	2/25/2020
1,2-Dichloroethane	ND	0.0046		mg/Kg-dry	1	2/25/2020
1,1-Dichloroethene	ND	0.0046		mg/Kg-dry	1	2/25/2020
cis-1,2-Dichloroethene	ND	0.0046		mg/Kg-dry	1	2/25/2020
trans-1,2-Dichloroethene	ND	0.0046		mg/Kg-dry	1	2/25/2020
1,2-Dichloropropane	ND	0.0046		mg/Kg-dry	1	2/25/2020
cis-1,3-Dichloropropene	ND	0.0018		mg/Kg-dry	1	2/25/2020
trans-1,3-Dichloropropene	ND	0.0018		mg/Kg-dry	1	2/25/2020
Ethylbenzene	ND	0.0046		mg/Kg-dry	1	2/25/2020
2-Hexanone	ND	0.018		mg/Kg-dry	1	2/25/2020
4-Methyl-2-pentanone	ND	0.018		mg/Kg-dry	1	2/25/2020
Methylene chloride	ND	0.0091		mg/Kg-dry	1	2/25/2020
Methyl tert-butyl ether	ND	0.0046		mg/Kg-dry	1	2/25/2020
Styrene	ND	0.0046		mg/Kg-dry	1	2/25/2020
1,1,2,2-Tetrachloroethane	ND	0.0046		mg/Kg-dry	1	2/25/2020
Tetrachloroethene	ND	0.0046		mg/Kg-dry	1	2/25/2020
Toluene	ND	0.0046		mg/Kg-dry	1	2/25/2020
1,1,1-Trichloroethane	ND	0.0046		mg/Kg-dry	1	2/25/2020
1,1,2-Trichloroethane	ND	0.0046		mg/Kg-dry	1	2/25/2020
Trichloroethene	ND	0.0046		mg/Kg-dry	1	2/25/2020
Vinyl chloride	ND	0.0046		mg/Kg-dry	1	2/25/2020
Xylenes, Total	ND	0.014		mg/Kg-dry	1	2/25/2020
<b>Semivolatile Organic Compounds by GC/MS</b>		<b>SW8270D (SW3550B)</b>		Prep Date: <b>2/20/2020</b>		Analyst: <b>DM</b>
Acenaphthene	ND	0.038		mg/Kg-dry	1	2/21/2020
Acenaphthylene	ND	0.038		mg/Kg-dry	1	2/21/2020

**Qualifiers:**  
 ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 HT - Sample received past holding time  
 \* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis  
 S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range  
 H - Holding time exceeded

**STAT Analysis Corporation**

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: March 12, 2020

Date Printed: March 12, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-4-01 (0-1.5)

Work Order: 20020495 Revision 0

Collection Date: 2/17/2020 10:15:00 AM

Project: 81.0220509.75, WO #37, Elk Grove

Matrix: Soil

Lab ID: 20020495-005

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Semivolatile Organic Compounds by GC/MS</b>	<b>SW8270D (SW3550B)</b>				Prep Date: 2/20/2020	Analyst: DM
Aniline	ND	0.39		mg/Kg-dry	1	2/21/2020
Anthracene	ND	0.038		mg/Kg-dry	1	2/21/2020
Benz(a)anthracene	ND	0.038		mg/Kg-dry	1	2/21/2020
Benzidine	ND	0.38		mg/Kg-dry	1	2/21/2020
Benzo(a)pyrene	ND	0.038		mg/Kg-dry	1	2/21/2020
Benzo(b)fluoranthene	ND	0.038		mg/Kg-dry	1	2/21/2020
Benzo(g,h,i)perylene	ND	0.038		mg/Kg-dry	1	2/21/2020
Benzo(k)fluoranthene	ND	0.038		mg/Kg-dry	1	2/21/2020
Benzoic acid	ND	0.97		mg/Kg-dry	1	2/21/2020
Benzyl alcohol	ND	0.20		mg/Kg-dry	1	2/21/2020
Bis(2-chloroethoxy)methane	ND	0.20		mg/Kg-dry	1	2/21/2020
Bis(2-chloroethyl)ether	ND	0.20		mg/Kg-dry	1	2/21/2020
Bis(2-ethylhexyl)phthalate	ND	0.97		mg/Kg-dry	1	2/21/2020
4-Bromophenyl phenyl ether	ND	0.20		mg/Kg-dry	1	2/21/2020
Butyl benzyl phthalate	ND	0.20		mg/Kg-dry	1	2/21/2020
Carbazole	ND	0.20		mg/Kg-dry	1	2/21/2020
4-Chloroaniline	ND	0.20		mg/Kg-dry	1	2/21/2020
4-Chloro-3-methylphenol	ND	0.38		mg/Kg-dry	1	2/21/2020
2-Chloronaphthalene	ND	0.20		mg/Kg-dry	1	2/21/2020
2-Chlorophenol	ND	0.20		mg/Kg-dry	1	2/21/2020
4-Chlorophenyl phenyl ether	ND	0.20		mg/Kg-dry	1	2/21/2020
Chrysene	ND	0.038		mg/Kg-dry	1	2/21/2020
Dibenz(a,h)anthracene	ND	0.038		mg/Kg-dry	1	2/21/2020
Dibenzofuran	ND	0.20		mg/Kg-dry	1	2/21/2020
1,2-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	2/21/2020
1,3-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	2/21/2020
1,4-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	2/21/2020
3,3'-Dichlorobenzidine	ND	0.20		mg/Kg-dry	1	2/21/2020
2,4-Dichlorophenol	ND	0.20		mg/Kg-dry	1	2/21/2020
Diethyl phthalate	ND	0.20		mg/Kg-dry	1	2/21/2020
2,4-Dimethylphenol	ND	0.20		mg/Kg-dry	1	2/21/2020
Dimethyl phthalate	ND	0.20		mg/Kg-dry	1	2/21/2020
4,6-Dinitro-2-methylphenol	ND	0.38		mg/Kg-dry	1	2/21/2020
2,4-Dinitrophenol	ND	0.97		mg/Kg-dry	1	2/21/2020
2,4-Dinitrotoluene	ND	0.038		mg/Kg-dry	1	2/21/2020
2,6-Dinitrotoluene	ND	0.038		mg/Kg-dry	1	2/21/2020
Di-n-butyl phthalate	ND	0.20		mg/Kg-dry	1	2/21/2020
Di-n-octyl phthalate	ND	0.20		mg/Kg-dry	1	2/21/2020

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers: J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded

**STAT Analysis Corporation**

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: March 12, 2020

Date Printed: March 12, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-4-01 (0-1.5)

Work Order: 20020495 Revision 0

Collection Date: 2/17/2020 10:15:00 AM

Project: 81.0220509.75, WO #37, Elk Grove

Matrix: Soil

Lab ID: 20020495-005

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
----------	--------	----	-----------	-------	----	---------------

Semivolatile Organic Compounds by GC/MS	SW8270D (SW3550B)				Prep Date: 2/20/2020	Analyst: DM
---	-------------------	--	--	--	----------------------	-------------

Fluoranthene	ND	0.038		mg/Kg-dry	1	2/21/2020
Fluorene	ND	0.038		mg/Kg-dry	1	2/21/2020
Hexachlorobenzene	ND	0.20		mg/Kg-dry	1	2/21/2020
Hexachlorobutadiene	ND	0.20		mg/Kg-dry	1	2/21/2020
Hexachlorocyclopentadiene	ND	0.20		mg/Kg-dry	1	2/21/2020
Hexachloroethane	ND	0.20		mg/Kg-dry	1	2/21/2020
Indeno(1,2,3-cd)pyrene	ND	0.038		mg/Kg-dry	1	2/21/2020
Isophorone	ND	0.20		mg/Kg-dry	1	2/21/2020
2-Methylnaphthalene	ND	0.20		mg/Kg-dry	1	2/21/2020
2-Methylphenol	ND	0.20		mg/Kg-dry	1	2/21/2020
4-Methylphenol	ND	0.20		mg/Kg-dry	1	2/21/2020
Naphthalene	ND	0.038		mg/Kg-dry	1	2/21/2020
2-Nitroaniline	ND	0.20		mg/Kg-dry	1	2/21/2020
3-Nitroaniline	ND	0.20		mg/Kg-dry	1	2/21/2020
4-Nitroaniline	ND	0.20		mg/Kg-dry	1	2/21/2020
2-Nitrophenol	ND	0.20		mg/Kg-dry	1	2/21/2020
4-Nitrophenol	ND	0.38		mg/Kg-dry	1	2/21/2020
Nitrobenzene	ND	0.038		mg/Kg-dry	1	2/21/2020
N-Nitrosodi-n-propylamine	ND	0.038		mg/Kg-dry	1	2/21/2020
N-Nitrosodimethylamine	ND	0.20		mg/Kg-dry	1	2/21/2020
N-Nitrosodiphenylamine	ND	0.038		mg/Kg-dry	1	2/21/2020
2, 2'-oxybis(1-Chloropropane)	ND	0.20		mg/Kg-dry	1	2/21/2020
Pentachlorophenol	ND	0.038		mg/Kg-dry	1	2/21/2020
Phenanthrene	ND	0.038		mg/Kg-dry	1	2/21/2020
Phenol	ND	0.20		mg/Kg-dry	1	2/21/2020
Pyrene	ND	0.038		mg/Kg-dry	1	2/21/2020
Pyridine	ND	0.78		mg/Kg-dry	1	2/21/2020
1,2,4-Trichlorobenzene	ND	0.20		mg/Kg-dry	1	2/21/2020
2,4,5-Trichlorophenol	ND	0.20		mg/Kg-dry	1	2/21/2020
2,4,6-Trichlorophenol	ND	0.20		mg/Kg-dry	1	2/21/2020

Metals by ICP/MS	SW6020A (SW3050B)				Prep Date: 2/24/2020	Analyst: JG
------------------	-------------------	--	--	--	----------------------	-------------

Antimony	ND	2.0		mg/Kg-dry	10	2/25/2020
Arsenic	4.8	1.0		mg/Kg-dry	10	2/25/2020
Barium	63	1.0		mg/Kg-dry	10	2/25/2020
Beryllium	0.55	0.50		mg/Kg-dry	10	2/25/2020
Cadmium	ND	0.50		mg/Kg-dry	10	2/25/2020
Calcium	62000	60		mg/Kg-dry	10	2/25/2020
Chromium	17	1.0		mg/Kg-dry	10	2/25/2020

**Qualifiers:**  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 HT - Sample received past holding time  
 \* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis  
 S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range  
 H - Holding time exceeded

**STAT Analysis Corporation**

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: March 12, 2020

Date Printed: March 12, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-4-01 (0-1.5)

Work Order: 20020495 Revision 0

Collection Date: 2/17/2020 10:15:00 AM

Project: 81.0220509.75, WO #37, Elk Grove

Matrix: Soil

Lab ID: 20020495-005

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
----------	--------	----	-----------	-------	----	---------------

**Metals by ICP/MS****SW6020A (SW3050B)**

Prep Date: 2/24/2020

Analyst: JG

Cobalt	7.5	1.0		mg/Kg-dry	10	2/25/2020
Copper	20	2.5		mg/Kg-dry	10	2/25/2020
Iron	16000	30		mg/Kg-dry	10	2/25/2020
Lead	33	0.50		mg/Kg-dry	10	2/25/2020
Magnesium	28000	30		mg/Kg-dry	10	2/25/2020
Manganese	320	1.0		mg/Kg-dry	10	2/25/2020
Nickel	19	1.0		mg/Kg-dry	10	2/25/2020
Potassium	1800	30		mg/Kg-dry	10	2/25/2020
Selenium	ND	1.0		mg/Kg-dry	10	2/25/2020
Silver	ND	1.0		mg/Kg-dry	10	2/25/2020
Sodium	1000	60		mg/Kg-dry	10	2/25/2020
Thallium	ND	1.0		mg/Kg-dry	10	2/25/2020
Vanadium	20	1.0		mg/Kg-dry	10	2/25/2020
Zinc	69	5.0		mg/Kg-dry	10	2/25/2020

**SPLP Metals by ICP/MS****SW1312/6020A (SW3005A)**

Prep Date: 2/20/2020

Analyst: MDT

Arsenic	0.0068	0.0040		mg/L	2	2/21/2020
Barium	0.043	0.020		mg/L	2	2/21/2020
Beryllium	ND	0.0020		mg/L	2	2/21/2020
Cadmium	ND	0.0020		mg/L	2	2/21/2020
Chromium	0.011	0.0040		mg/L	2	2/21/2020
Cobalt	ND	0.0040		mg/L	2	2/21/2020
Copper	ND	0.040		mg/L	2	2/21/2020
Iron	7.7	0.10		mg/L	2	2/21/2020
Lead	0.0097	0.0020		mg/L	2	2/21/2020
Manganese	0.11	0.0040		mg/L	2	2/21/2020
Nickel	0.010	0.0040		mg/L	2	2/21/2020
Selenium	ND	0.0040		mg/L	2	2/21/2020
Silver	ND	0.0040		mg/L	2	2/21/2020
Zinc	0.024	0.020		mg/L	2	2/21/2020

**TCLP Metals by ICP/MS****SW1311/6020A (SW3005A)**

Prep Date: 2/21/2020

Analyst: JG

Arsenic	ND	0.010		mg/L	5	2/24/2020
Barium	0.51	0.050		mg/L	5	2/24/2020
Beryllium	ND	0.0050		mg/L	5	2/24/2020
Cadmium	ND	0.0050		mg/L	5	2/24/2020
Chromium	ND	0.010		mg/L	5	2/24/2020
Cobalt	0.014	0.010		mg/L	5	2/24/2020
Copper	ND	0.10		mg/L	5	2/24/2020

**Qualifiers:**  
 ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 HT - Sample received past holding time  
 \* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis  
 S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range  
 H - Holding time exceeded

**STAT Analysis Corporation**

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: March 12, 2020

Date Printed: March 12, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Work Order: 20020495 Revision 0

Project: 81.0220509.75, WO #37, Elk Grove

Lab ID: 20020495-005

Client Sample ID: 2360V2-4-01 (0-1.5)

Collection Date: 2/17/2020 10:15:00 AM

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>TCLP Metals by ICP/MS</b>	<b>SW1311/6020A (SW3005A)</b>			Prep Date: <b>2/21/2020</b>		Analyst: <b>JG</b>
Iron	ND	0.25		mg/L	5	2/24/2020
Lead	ND	0.0050		mg/L	5	2/24/2020
Manganese	3.8	0.010		mg/L	5	2/24/2020
Nickel	0.016	0.010		mg/L	5	2/24/2020
Selenium	ND	0.010		mg/L	5	2/24/2020
Silver	ND	0.010		mg/L	5	2/24/2020
Zinc	ND	0.050		mg/L	5	2/24/2020
<b>TCLP Mercury</b>	<b>SW1311/7470A</b>			Prep Date: <b>3/6/2020</b>		Analyst: <b>JG</b>
Mercury	ND	0.00020		mg/L	1	3/7/2020
<b>SPLP Mercury</b>	<b>SW1312/7470A</b>			Prep Date: <b>2/24/2020</b>		Analyst: <b>LB</b>
Mercury	ND	0.00020		mg/L	1	2/27/2020
<b>Mercury</b>	<b>SW7471B</b>			Prep Date: <b>3/10/2020</b>		Analyst: <b>LB</b>
Mercury	0.045	0.021		mg/Kg-dry	1	3/11/2020
<b>pH (25 °C)</b>	<b>SW9045C</b>			Prep Date: <b>2/25/2020</b>		Analyst: <b>FN</b>
pH	8.77			pH Units	1	2/25/2020
<b>Percent Moisture</b>	<b>D2974</b>			Prep Date: <b>2/19/2020</b>		Analyst: <b>FN</b>
Percent Moisture	16.0	0.2	*	wt%	1	2/20/2020

**Qualifiers:**

ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 HT - Sample received past holding time  
 \* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis  
 S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range  
 H - Holding time exceeded

**STAT Analysis Corporation**

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: March 12, 2020

Date Printed: March 12, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-7-01 (0-1.5)

Work Order: 20020495 Revision 0

Collection Date: 2/17/2020 1:15:00 PM

Project: 81.0220509.75, WO #37, Elk Grove

Matrix: Soil

Lab ID: 20020495-010

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Volatile Organic Compounds by GC/MS</b>		<b>SW5035/8260B</b>		Prep Date: <b>2/19/2020</b>		Analyst: <b>JDT</b>
Acetone	ND	0.087		mg/Kg-dry	1	2/24/2020
Benzene	ND	0.0058		mg/Kg-dry	1	2/24/2020
Bromodichloromethane	ND	0.0058		mg/Kg-dry	1	2/24/2020
Bromoform	ND	0.0058		mg/Kg-dry	1	2/24/2020
Bromomethane	ND	0.012		mg/Kg-dry	1	2/24/2020
2-Butanone	ND	0.087		mg/Kg-dry	1	2/24/2020
Carbon disulfide	ND	0.058		mg/Kg-dry	1	2/24/2020
Carbon tetrachloride	ND	0.0058		mg/Kg-dry	1	2/24/2020
Chlorobenzene	ND	0.0058		mg/Kg-dry	1	2/24/2020
Chloroethane	ND	0.012		mg/Kg-dry	1	2/24/2020
Chloroform	ND	0.0058		mg/Kg-dry	1	2/24/2020
Chloromethane	ND	0.012		mg/Kg-dry	1	2/24/2020
Dibromochloromethane	ND	0.0058		mg/Kg-dry	1	2/24/2020
1,1-Dichloroethane	ND	0.0058		mg/Kg-dry	1	2/24/2020
1,2-Dichloroethane	ND	0.0058		mg/Kg-dry	1	2/24/2020
1,1-Dichloroethene	ND	0.0058		mg/Kg-dry	1	2/24/2020
cis-1,2-Dichloroethene	ND	0.0058		mg/Kg-dry	1	2/24/2020
trans-1,2-Dichloroethene	ND	0.0058		mg/Kg-dry	1	2/24/2020
1,2-Dichloropropane	ND	0.0058		mg/Kg-dry	1	2/24/2020
cis-1,3-Dichloropropene	ND	0.0023		mg/Kg-dry	1	2/24/2020
trans-1,3-Dichloropropene	ND	0.0023		mg/Kg-dry	1	2/24/2020
Ethylbenzene	ND	0.0058		mg/Kg-dry	1	2/24/2020
2-Hexanone	ND	0.023		mg/Kg-dry	1	2/24/2020
4-Methyl-2-pentanone	ND	0.023		mg/Kg-dry	1	2/24/2020
Methylene chloride	ND	0.012		mg/Kg-dry	1	2/24/2020
Methyl tert-butyl ether	ND	0.0058		mg/Kg-dry	1	2/24/2020
Styrene	ND	0.0058		mg/Kg-dry	1	2/24/2020
1,1,2,2-Tetrachloroethane	ND	0.0058		mg/Kg-dry	1	2/24/2020
Tetrachloroethene	ND	0.0058		mg/Kg-dry	1	2/24/2020
Toluene	ND	0.0058		mg/Kg-dry	1	2/24/2020
1,1,1-Trichloroethane	ND	0.0058		mg/Kg-dry	1	2/24/2020
1,1,2-Trichloroethane	ND	0.0058		mg/Kg-dry	1	2/24/2020
Trichloroethene	ND	0.0058		mg/Kg-dry	1	2/24/2020
Vinyl chloride	ND	0.0058		mg/Kg-dry	1	2/24/2020
Xylenes, Total	ND	0.017		mg/Kg-dry	1	2/24/2020
<b>Semivolatile Organic Compounds by GC/MS</b>		<b>SW8270D (SW3550B)</b>		Prep Date: <b>2/20/2020</b>		Analyst: <b>DM</b>
Acenaphthene	ND	0.044		mg/Kg-dry	1	2/21/2020
Acenaphthylene	ND	0.044		mg/Kg-dry	1	2/21/2020

**Qualifiers:**  
 ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 HT - Sample received past holding time  
 \* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis  
 S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range  
 H - Holding time exceeded

**STAT Analysis Corporation**

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: March 12, 2020

Date Printed: March 12, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-7-01 (0-1.5)

Work Order: 20020495 Revision 0

Collection Date: 2/17/2020 1:15:00 PM

Project: 81.0220509.75, WO #37, Elk Grove

Matrix: Soil

Lab ID: 20020495-010

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Semivolatile Organic Compounds by GC/MS</b>		<b>SW8270D (SW3550B)</b>			Prep Date: 2/20/2020	Analyst: DM
Aniline	ND	0.44		mg/Kg-dry	1	2/21/2020
Anthracene	ND	0.044		mg/Kg-dry	1	2/21/2020
Benz(a)anthracene	0.047	0.044		mg/Kg-dry	1	2/21/2020
Benzidine	ND	0.44		mg/Kg-dry	1	2/21/2020
Benzo(a)pyrene	0.050	0.044		mg/Kg-dry	1	2/21/2020
Benzo(b)fluoranthene	0.052	0.044		mg/Kg-dry	1	2/21/2020
Benzo(g,h,i)perylene	ND	0.044		mg/Kg-dry	1	2/21/2020
Benzo(k)fluoranthene	ND	0.044		mg/Kg-dry	1	2/21/2020
Benzoic acid	ND	1.1		mg/Kg-dry	1	2/21/2020
Benzyl alcohol	ND	0.23		mg/Kg-dry	1	2/21/2020
Bis(2-chloroethoxy)methane	ND	0.23		mg/Kg-dry	1	2/21/2020
Bis(2-chloroethyl)ether	ND	0.23		mg/Kg-dry	1	2/21/2020
Bis(2-ethylhexyl)phthalate	ND	1.1		mg/Kg-dry	1	2/21/2020
4-Bromophenyl phenyl ether	ND	0.23		mg/Kg-dry	1	2/21/2020
Butyl benzyl phthalate	ND	0.23		mg/Kg-dry	1	2/21/2020
Carbazole	ND	0.23		mg/Kg-dry	1	2/21/2020
4-Chloroaniline	ND	0.23		mg/Kg-dry	1	2/21/2020
4-Chloro-3-methylphenol	ND	0.44		mg/Kg-dry	1	2/21/2020
2-Chloronaphthalene	ND	0.23		mg/Kg-dry	1	2/21/2020
2-Chlorophenol	ND	0.23		mg/Kg-dry	1	2/21/2020
4-Chlorophenyl phenyl ether	ND	0.23		mg/Kg-dry	1	2/21/2020
Chrysene	ND	0.044		mg/Kg-dry	1	2/21/2020
Dibenz(a,h)anthracene	ND	0.044		mg/Kg-dry	1	2/21/2020
Dibenzofuran	ND	0.23		mg/Kg-dry	1	2/21/2020
1,2-Dichlorobenzene	ND	0.23		mg/Kg-dry	1	2/21/2020
1,3-Dichlorobenzene	ND	0.23		mg/Kg-dry	1	2/21/2020
1,4-Dichlorobenzene	ND	0.23		mg/Kg-dry	1	2/21/2020
3,3'-Dichlorobenzidine	ND	0.23		mg/Kg-dry	1	2/21/2020
2,4-Dichlorophenol	ND	0.23		mg/Kg-dry	1	2/21/2020
Diethyl phthalate	ND	0.23		mg/Kg-dry	1	2/21/2020
2,4-Dimethylphenol	ND	0.23		mg/Kg-dry	1	2/21/2020
Dimethyl phthalate	ND	0.23		mg/Kg-dry	1	2/21/2020
4,6-Dinitro-2-methylphenol	ND	0.44		mg/Kg-dry	1	2/21/2020
2,4-Dinitrophenol	ND	1.1		mg/Kg-dry	1	2/21/2020
2,4-Dinitrotoluene	ND	0.044		mg/Kg-dry	1	2/21/2020
2,6-Dinitrotoluene	ND	0.044		mg/Kg-dry	1	2/21/2020
Di-n-butyl phthalate	ND	0.23		mg/Kg-dry	1	2/21/2020
Di-n-octyl phthalate	ND	0.23		mg/Kg-dry	1	2/21/2020

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers: J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded



**STAT Analysis Corporation**

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: March 12, 2020

Date Printed: March 12, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-7-01 (0-1.5)

Work Order: 20020495 Revision 0

Collection Date: 2/17/2020 1:15:00 PM

Project: 81.0220509.75, WO #37, Elk Grove

Matrix: Soil

Lab ID: 20020495-010

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
----------	--------	----	-----------	-------	----	---------------

Semivolatile Organic Compounds by GC/MS	SW8270D (SW3550B)	Prep Date: 2/20/2020			Analyst: DM
---	-------------------	----------------------	--	--	-------------

Fluoranthene	0.094	0.044		mg/Kg-dry	1	2/21/2020
Fluorene	ND	0.044		mg/Kg-dry	1	2/21/2020
Hexachlorobenzene	ND	0.23		mg/Kg-dry	1	2/21/2020
Hexachlorobutadiene	ND	0.23		mg/Kg-dry	1	2/21/2020
Hexachlorocyclopentadiene	ND	0.23		mg/Kg-dry	1	2/21/2020
Hexachloroethane	ND	0.23		mg/Kg-dry	1	2/21/2020
Indeno(1,2,3-cd)pyrene	ND	0.044		mg/Kg-dry	1	2/21/2020
Isophorone	ND	0.23		mg/Kg-dry	1	2/21/2020
2-Methylnaphthalene	ND	0.23		mg/Kg-dry	1	2/21/2020
2-Methylphenol	ND	0.23		mg/Kg-dry	1	2/21/2020
4-Methylphenol	ND	0.23		mg/Kg-dry	1	2/21/2020
Naphthalene	ND	0.044		mg/Kg-dry	1	2/21/2020
2-Nitroaniline	ND	0.23		mg/Kg-dry	1	2/21/2020
3-Nitroaniline	ND	0.23		mg/Kg-dry	1	2/21/2020
4-Nitroaniline	ND	0.23		mg/Kg-dry	1	2/21/2020
2-Nitrophenol	ND	0.23		mg/Kg-dry	1	2/21/2020
4-Nitrophenol	ND	0.44		mg/Kg-dry	1	2/21/2020
Nitrobenzene	ND	0.044		mg/Kg-dry	1	2/21/2020
N-Nitrosodi-n-propylamine	ND	0.044		mg/Kg-dry	1	2/21/2020
N-Nitrosodimethylamine	ND	0.23		mg/Kg-dry	1	2/21/2020
N-Nitrosodiphenylamine	ND	0.044		mg/Kg-dry	1	2/21/2020
2, 2'-oxybis(1-Chloropropane)	ND	0.23		mg/Kg-dry	1	2/21/2020
Pentachlorophenol	ND	0.044		mg/Kg-dry	1	2/21/2020
Phenanthrene	ND	0.044		mg/Kg-dry	1	2/21/2020
Phenol	ND	0.23		mg/Kg-dry	1	2/21/2020
Pyrene	0.067	0.044		mg/Kg-dry	1	2/21/2020
Pyridine	ND	0.89		mg/Kg-dry	1	2/21/2020
1,2,4-Trichlorobenzene	ND	0.23		mg/Kg-dry	1	2/21/2020
2,4,5-Trichlorophenol	ND	0.23		mg/Kg-dry	1	2/21/2020
2,4,6-Trichlorophenol	ND	0.23		mg/Kg-dry	1	2/21/2020

Metals by ICP/MS	SW6020A (SW3050B)	Prep Date: 2/24/2020			Analyst: JG
------------------	-------------------	----------------------	--	--	-------------

Antimony	ND	2.4		mg/Kg-dry	10	2/25/2020
Arsenic	9.3	1.2		mg/Kg-dry	10	2/25/2020
Barium	99	1.2		mg/Kg-dry	10	2/25/2020
Beryllium	0.91	0.61		mg/Kg-dry	10	2/25/2020
Cadmium	ND	0.61		mg/Kg-dry	10	2/25/2020
Calcium	6600	73		mg/Kg-dry	10	2/25/2020
Chromium	23	1.2		mg/Kg-dry	10	2/25/2020

**Qualifiers:**  
 ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 HT - Sample received past holding time  
 \* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis  
 S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range  
 H - Holding time exceeded

**STAT Analysis Corporation**

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: March 12, 2020

Date Printed: March 12, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-7-01 (0-1.5)

Work Order: 20020495 Revision 0

Collection Date: 2/17/2020 1:15:00 PM

Project: 81.0220509.75, WO #37, Elk Grove

Matrix: Soil

Lab ID: 20020495-010

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Metals by ICP/MS</b>	<b>SW6020A (SW3050B)</b>		Prep Date: <b>2/24/2020</b>		Analyst: <b>JG</b>	
Cobalt	14	1.2		mg/Kg-dry	10	2/25/2020
Copper	23	3.0		mg/Kg-dry	10	2/25/2020
Iron	26000	37		mg/Kg-dry	10	2/25/2020
Lead	21	0.61		mg/Kg-dry	10	2/25/2020
Magnesium	6000	37		mg/Kg-dry	10	2/25/2020
Manganese	590	1.2		mg/Kg-dry	10	2/25/2020
Nickel	28	1.2		mg/Kg-dry	10	2/25/2020
Potassium	2000	37		mg/Kg-dry	10	2/25/2020
Selenium	ND	1.2		mg/Kg-dry	10	2/25/2020
Silver	ND	1.2		mg/Kg-dry	10	2/25/2020
Sodium	1300	73		mg/Kg-dry	10	2/25/2020
Thallium	ND	1.2		mg/Kg-dry	10	2/25/2020
Vanadium	33	1.2		mg/Kg-dry	10	2/25/2020
Zinc	60	6.1		mg/Kg-dry	10	2/25/2020
<b>SPLP Metals by ICP/MS</b>	<b>SW1312/6020A (SW3005A)</b>		Prep Date: <b>2/20/2020</b>		Analyst: <b>MDT</b>	
Arsenic	ND	0.0040		mg/L	2	2/21/2020
Barium	0.027	0.020		mg/L	2	2/21/2020
Beryllium	ND	0.0020		mg/L	2	2/21/2020
Cadmium	ND	0.0020		mg/L	2	2/21/2020
Chromium	0.0061	0.0040		mg/L	2	2/21/2020
Cobalt	ND	0.0040		mg/L	2	2/21/2020
Copper	ND	0.040		mg/L	2	2/21/2020
Iron	3.3	0.10		mg/L	2	2/21/2020
Lead	ND	0.0020		mg/L	2	2/21/2020
Manganese	0.022	0.0040		mg/L	2	2/21/2020
Nickel	ND	0.0040		mg/L	2	2/21/2020
Selenium	ND	0.0040		mg/L	2	2/21/2020
Silver	ND	0.0040		mg/L	2	2/21/2020
Zinc	ND	0.020		mg/L	2	2/21/2020
<b>TCLP Metals by ICP/MS</b>	<b>SW1311/6020A (SW3005A)</b>		Prep Date: <b>2/21/2020</b>		Analyst: <b>JG</b>	
Arsenic	ND	0.010		mg/L	5	2/24/2020
Barium	0.43	0.050		mg/L	5	2/24/2020
Beryllium	ND	0.0050		mg/L	5	2/24/2020
Cadmium	ND	0.0050		mg/L	5	2/24/2020
Chromium	ND	0.010		mg/L	5	2/24/2020
Cobalt	ND	0.010		mg/L	5	2/24/2020
Copper	ND	0.10		mg/L	5	2/24/2020

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers: J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded

**STAT Analysis Corporation**

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: March 12, 2020

Date Printed: March 12, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Work Order: 20020495 Revision 0

Project: 81.0220509.75, WO #37, Elk Grove

Lab ID: 20020495-010

Client Sample ID: 2360V2-7-01 (0-1.5)

Collection Date: 2/17/2020 1:15:00 PM

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>TCLP Metals by ICP/MS</b>	<b>SW1311/6020A (SW3005A)</b>			Prep Date: <b>2/21/2020</b>		Analyst: <b>JG</b>
Iron	ND	0.25		mg/L	5	2/24/2020
Lead	ND	0.0050		mg/L	5	2/24/2020
Manganese	0.76	0.010		mg/L	5	2/24/2020
Nickel	ND	0.010		mg/L	5	2/24/2020
Selenium	ND	0.010		mg/L	5	2/24/2020
Silver	ND	0.010		mg/L	5	2/24/2020
Zinc	0.059	0.050		mg/L	5	2/24/2020
<b>TCLP Mercury</b>	<b>SW1311/7470A</b>			Prep Date: <b>3/6/2020</b>		Analyst: <b>JG</b>
Mercury	ND	0.00020		mg/L	1	3/7/2020
<b>SPLP Mercury</b>	<b>SW1312/7470A</b>			Prep Date: <b>2/24/2020</b>		Analyst: <b>LB</b>
Mercury	ND	0.00020		mg/L	1	2/27/2020
<b>Mercury</b>	<b>SW7471B</b>			Prep Date: <b>3/10/2020</b>		Analyst: <b>LB</b>
Mercury	0.042	0.021		mg/Kg-dry	1	3/11/2020
<b>pH (25 °C)</b>	<b>SW9045C</b>			Prep Date: <b>2/25/2020</b>		Analyst: <b>FN</b>
pH	7.97			pH Units	1	2/25/2020
<b>Percent Moisture</b>	<b>D2974</b>			Prep Date: <b>2/19/2020</b>		Analyst: <b>FN</b>
Percent Moisture	26.6	0.2	*	wt%	1	2/20/2020

**Qualifiers:**  
 ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 HT - Sample received past holding time  
 \* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis  
 S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range  
 H - Holding time exceeded

**STAT Analysis Corporation**

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: March 12, 2020

Date Printed: March 12, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-8-03 (0-5)

Work Order: 20020495 Revision 0

Collection Date: 2/17/2020 11:35:00 AM

Project: 81.0220509.75, WO #37, Elk Grove

Matrix: Soil

Lab ID: 20020495-017

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Volatile Organic Compounds by GC/MS</b>		<b>SW5035/8260B</b>		Prep Date: <b>2/19/2020</b>		Analyst: <b>CBG</b>
Acetone	ND	0.064		mg/Kg-dry	1	2/25/2020
Benzene	ND	0.0043		mg/Kg-dry	1	2/25/2020
Bromodichloromethane	ND	0.0043		mg/Kg-dry	1	2/25/2020
Bromoform	ND	0.0043		mg/Kg-dry	1	2/25/2020
Bromomethane	ND	0.0086		mg/Kg-dry	1	2/25/2020
2-Butanone	ND	0.064		mg/Kg-dry	1	2/25/2020
Carbon disulfide	ND	0.043		mg/Kg-dry	1	2/25/2020
Carbon tetrachloride	ND	0.0043		mg/Kg-dry	1	2/25/2020
Chlorobenzene	ND	0.0043		mg/Kg-dry	1	2/25/2020
Chloroethane	ND	0.0086		mg/Kg-dry	1	2/25/2020
Chloroform	ND	0.0043		mg/Kg-dry	1	2/25/2020
Chloromethane	ND	0.0086		mg/Kg-dry	1	2/25/2020
Dibromochloromethane	ND	0.0043		mg/Kg-dry	1	2/25/2020
1,1-Dichloroethane	ND	0.0043		mg/Kg-dry	1	2/25/2020
1,2-Dichloroethane	ND	0.0043		mg/Kg-dry	1	2/25/2020
1,1-Dichloroethene	ND	0.0043		mg/Kg-dry	1	2/25/2020
cis-1,2-Dichloroethene	ND	0.0043		mg/Kg-dry	1	2/25/2020
trans-1,2-Dichloroethene	ND	0.0043		mg/Kg-dry	1	2/25/2020
1,2-Dichloropropane	ND	0.0043		mg/Kg-dry	1	2/25/2020
cis-1,3-Dichloropropene	ND	0.0017		mg/Kg-dry	1	2/25/2020
trans-1,3-Dichloropropene	ND	0.0017		mg/Kg-dry	1	2/25/2020
Ethylbenzene	ND	0.0043		mg/Kg-dry	1	2/25/2020
2-Hexanone	ND	0.017		mg/Kg-dry	1	2/25/2020
4-Methyl-2-pentanone	ND	0.017		mg/Kg-dry	1	2/25/2020
Methylene chloride	ND	0.0086		mg/Kg-dry	1	2/25/2020
Methyl tert-butyl ether	ND	0.0043		mg/Kg-dry	1	2/25/2020
Styrene	ND	0.0043		mg/Kg-dry	1	2/25/2020
1,1,2,2-Tetrachloroethane	ND	0.0043		mg/Kg-dry	1	2/25/2020
Tetrachloroethene	ND	0.0043		mg/Kg-dry	1	2/25/2020
Toluene	ND	0.0043		mg/Kg-dry	1	2/25/2020
1,1,1-Trichloroethane	ND	0.0043		mg/Kg-dry	1	2/25/2020
1,1,2-Trichloroethane	ND	0.0043		mg/Kg-dry	1	2/25/2020
Trichloroethene	ND	0.0043		mg/Kg-dry	1	2/25/2020
Vinyl chloride	ND	0.0043		mg/Kg-dry	1	2/25/2020
Xylenes, Total	ND	0.013		mg/Kg-dry	1	2/25/2020
<b>Semivolatile Organic Compounds by GC/MS</b>		<b>SW8270D (SW3550B)</b>		Prep Date: <b>2/20/2020</b>		Analyst: <b>TEM</b>
Acenaphthene	ND	0.040		mg/Kg-dry	1	2/21/2020
Acenaphthylene	ND	0.040		mg/Kg-dry	1	2/21/2020

**Qualifiers:**  
 ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 HT - Sample received past holding time  
 \* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis  
 S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range  
 H - Holding time exceeded

**STAT Analysis Corporation**

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: March 12, 2020

Date Printed: March 12, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-8-03 (0-5)

Work Order: 20020495 Revision 0

Collection Date: 2/17/2020 11:35:00 AM

Project: 81.0220509.75, WO #37, Elk Grove

Matrix: Soil

Lab ID: 20020495-017

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Semivolatile Organic Compounds by GC/MS</b>	<b>SW8270D (SW3550B)</b>			Prep Date: 2/20/2020		Analyst: TEM
Aniline	ND	0.40		mg/Kg-dry	1	2/21/2020
Anthracene	ND	0.040		mg/Kg-dry	1	2/21/2020
Benz(a)anthracene	ND	0.040		mg/Kg-dry	1	2/21/2020
Benzidine	ND	0.40		mg/Kg-dry	1	2/21/2020
Benzo(a)pyrene	ND	0.040		mg/Kg-dry	1	2/21/2020
Benzo(b)fluoranthene	ND	0.040		mg/Kg-dry	1	2/21/2020
Benzo(g,h,i)perylene	ND	0.040		mg/Kg-dry	1	2/21/2020
Benzo(k)fluoranthene	ND	0.040		mg/Kg-dry	1	2/21/2020
Benzoic acid	ND	1.0		mg/Kg-dry	1	2/21/2020
Benzyl alcohol	ND	0.21		mg/Kg-dry	1	2/21/2020
Bis(2-chloroethoxy)methane	ND	0.21		mg/Kg-dry	1	2/21/2020
Bis(2-chloroethyl)ether	ND	0.21		mg/Kg-dry	1	2/21/2020
Bis(2-ethylhexyl)phthalate	ND	1.0		mg/Kg-dry	1	2/21/2020
4-Bromophenyl phenyl ether	ND	0.21		mg/Kg-dry	1	2/21/2020
Butyl benzyl phthalate	ND	0.21		mg/Kg-dry	1	2/21/2020
Carbazole	ND	0.21		mg/Kg-dry	1	2/21/2020
4-Chloroaniline	ND	0.21		mg/Kg-dry	1	2/21/2020
4-Chloro-3-methylphenol	ND	0.40		mg/Kg-dry	1	2/21/2020
2-Chloronaphthalene	ND	0.21		mg/Kg-dry	1	2/21/2020
2-Chlorophenol	ND	0.21		mg/Kg-dry	1	2/21/2020
4-Chlorophenyl phenyl ether	ND	0.21		mg/Kg-dry	1	2/21/2020
Chrysene	ND	0.040		mg/Kg-dry	1	2/21/2020
Dibenz(a,h)anthracene	ND	0.040		mg/Kg-dry	1	2/21/2020
Dibenzofuran	ND	0.21		mg/Kg-dry	1	2/21/2020
1,2-Dichlorobenzene	ND	0.21		mg/Kg-dry	1	2/21/2020
1,3-Dichlorobenzene	ND	0.21		mg/Kg-dry	1	2/21/2020
1,4-Dichlorobenzene	ND	0.21		mg/Kg-dry	1	2/21/2020
3,3'-Dichlorobenzidine	ND	0.21		mg/Kg-dry	1	2/21/2020
2,4-Dichlorophenol	ND	0.21		mg/Kg-dry	1	2/21/2020
Diethyl phthalate	ND	0.21		mg/Kg-dry	1	2/21/2020
2,4-Dimethylphenol	ND	0.21		mg/Kg-dry	1	2/21/2020
Dimethyl phthalate	ND	0.21		mg/Kg-dry	1	2/21/2020
4,6-Dinitro-2-methylphenol	ND	0.40		mg/Kg-dry	1	2/21/2020
2,4-Dinitrophenol	ND	1.0		mg/Kg-dry	1	2/21/2020
2,4-Dinitrotoluene	ND	0.040		mg/Kg-dry	1	2/21/2020
2,6-Dinitrotoluene	ND	0.040		mg/Kg-dry	1	2/21/2020
Di-n-butyl phthalate	ND	0.21		mg/Kg-dry	1	2/21/2020
Di-n-octyl phthalate	ND	0.21		mg/Kg-dry	1	2/21/2020

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

**Qualifiers:**

J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded

**STAT Analysis Corporation**

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: March 12, 2020

Date Printed: March 12, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-8-03 (0-5)

Work Order: 20020495 Revision 0

Collection Date: 2/17/2020 11:35:00 AM

Project: 81.0220509.75, WO #37, Elk Grove

Matrix: Soil

Lab ID: 20020495-017

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Semivolatile Organic Compounds by GC/MS</b>		<b>SW8270D (SW3550B)</b>		Prep Date: 2/20/2020		Analyst: TEM
Fluoranthene	ND	0.040		mg/Kg-dry	1	2/21/2020
Fluorene	ND	0.040		mg/Kg-dry	1	2/21/2020
Hexachlorobenzene	ND	0.21		mg/Kg-dry	1	2/21/2020
Hexachlorobutadiene	ND	0.21		mg/Kg-dry	1	2/21/2020
Hexachlorocyclopentadiene	ND	0.21		mg/Kg-dry	1	2/21/2020
Hexachloroethane	ND	0.21		mg/Kg-dry	1	2/21/2020
Indeno(1,2,3-cd)pyrene	ND	0.040		mg/Kg-dry	1	2/21/2020
Isophorone	ND	0.21		mg/Kg-dry	1	2/21/2020
2-Methylnaphthalene	ND	0.21		mg/Kg-dry	1	2/21/2020
2-Methylphenol	ND	0.21		mg/Kg-dry	1	2/21/2020
4-Methylphenol	ND	0.21		mg/Kg-dry	1	2/21/2020
Naphthalene	ND	0.040		mg/Kg-dry	1	2/21/2020
2-Nitroaniline	ND	0.21		mg/Kg-dry	1	2/21/2020
3-Nitroaniline	ND	0.21		mg/Kg-dry	1	2/21/2020
4-Nitroaniline	ND	0.21		mg/Kg-dry	1	2/21/2020
2-Nitrophenol	ND	0.21		mg/Kg-dry	1	2/21/2020
4-Nitrophenol	ND	0.40		mg/Kg-dry	1	2/21/2020
Nitrobenzene	ND	0.040		mg/Kg-dry	1	2/21/2020
N-Nitrosodi-n-propylamine	ND	0.040		mg/Kg-dry	1	2/21/2020
N-Nitrosodimethylamine	ND	0.21		mg/Kg-dry	1	2/21/2020
N-Nitrosodiphenylamine	ND	0.040		mg/Kg-dry	1	2/21/2020
2, 2'-oxybis(1-Chloropropane)	ND	0.21		mg/Kg-dry	1	2/21/2020
Pentachlorophenol	ND	0.040		mg/Kg-dry	1	2/21/2020
Phenanthrene	ND	0.040		mg/Kg-dry	1	2/21/2020
Phenol	ND	0.21		mg/Kg-dry	1	2/21/2020
Pyrene	ND	0.040		mg/Kg-dry	1	2/21/2020
Pyridine	ND	0.81		mg/Kg-dry	1	2/21/2020
1,2,4-Trichlorobenzene	ND	0.21		mg/Kg-dry	1	2/21/2020
2,4,5-Trichlorophenol	ND	0.21		mg/Kg-dry	1	2/21/2020
2,4,6-Trichlorophenol	ND	0.21		mg/Kg-dry	1	2/21/2020
<b>Metals by ICP/MS</b>		<b>SW6020A (SW3050B)</b>		Prep Date: 2/24/2020		Analyst: JG
Antimony	ND	2.1		mg/Kg-dry	10	2/24/2020
Arsenic	7.2	1.0		mg/Kg-dry	10	2/24/2020
Barium	110	1.0		mg/Kg-dry	10	2/24/2020
Beryllium	0.99	0.52		mg/Kg-dry	10	2/24/2020
Cadmium	ND	0.52		mg/Kg-dry	10	2/24/2020
Calcium	7200	63		mg/Kg-dry	10	2/24/2020
Chromium	25	1.0		mg/Kg-dry	10	2/24/2020

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers: J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded

**STAT Analysis Corporation**

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: March 12, 2020

Date Printed: March 12, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-8-03 (0-5)

Work Order: 20020495 Revision 0

Collection Date: 2/17/2020 11:35:00 AM

Project: 81.0220509.75, WO #37, Elk Grove

Matrix: Soil

Lab ID: 20020495-017

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Metals by ICP/MS</b>		<b>SW6020A (SW3050B)</b>		Prep Date: <b>2/24/2020</b>		Analyst: <b>JG</b>
Cobalt	13	1.0		mg/Kg-dry	10	2/24/2020
Copper	27	2.6		mg/Kg-dry	10	2/24/2020
Iron	26000	31		mg/Kg-dry	10	2/24/2020
Lead	13	0.52		mg/Kg-dry	10	2/24/2020
Magnesium	6600	31		mg/Kg-dry	10	2/24/2020
Manganese	710	1.0		mg/Kg-dry	10	2/24/2020
Nickel	30	1.0		mg/Kg-dry	10	2/24/2020
Potassium	1800	31		mg/Kg-dry	10	2/24/2020
Selenium	1.2	1.0		mg/Kg-dry	10	2/24/2020
Silver	ND	1.0		mg/Kg-dry	10	2/24/2020
Sodium	2500	63		mg/Kg-dry	10	2/24/2020
Thallium	ND	1.0		mg/Kg-dry	10	2/24/2020
Vanadium	34	1.0		mg/Kg-dry	10	2/24/2020
Zinc	64	5.2		mg/Kg-dry	10	2/24/2020
<b>SPLP Metals by ICP/MS</b>		<b>SW1312/6020A (SW3005A)</b>		Prep Date: <b>2/20/2020</b>		Analyst: <b>MDT</b>
Arsenic	ND	0.0040		mg/L	2	2/21/2020
Barium	0.030	0.020		mg/L	2	2/21/2020
Beryllium	ND	0.0020		mg/L	2	2/21/2020
Cadmium	ND	0.0020		mg/L	2	2/21/2020
Chromium	0.0081	0.0040		mg/L	2	2/21/2020
Cobalt	ND	0.0040		mg/L	2	2/21/2020
Copper	ND	0.040		mg/L	2	2/21/2020
Iron	5.8	0.10		mg/L	2	2/21/2020
Lead	0.0024	0.0020		mg/L	2	2/21/2020
Manganese	0.056	0.0040		mg/L	2	2/21/2020
Nickel	0.0063	0.0040		mg/L	2	2/21/2020
Selenium	ND	0.0040		mg/L	2	2/21/2020
Silver	ND	0.0040		mg/L	2	2/21/2020
Zinc	ND	0.020		mg/L	2	2/21/2020
<b>TCLP Metals by ICP/MS</b>		<b>SW1311/6020A (SW3005A)</b>		Prep Date: <b>2/21/2020</b>		Analyst: <b>MDT</b>
Arsenic	ND	0.010		mg/L	5	2/22/2020
Barium	0.46	0.050		mg/L	5	2/22/2020
Beryllium	ND	0.0050		mg/L	5	2/22/2020
Cadmium	ND	0.0050		mg/L	5	2/22/2020
Chromium	ND	0.010		mg/L	5	2/22/2020
Cobalt	0.035	0.010		mg/L	5	2/22/2020
Copper	ND	0.10		mg/L	5	2/22/2020

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers: J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded

**STAT Analysis Corporation**

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: March 12, 2020

Date Printed: March 12, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Work Order: 20020495 Revision 0

Project: 81.0220509.75, WO #37, Elk Grove

Lab ID: 20020495-017

Client Sample ID: 2360V2-8-03 (0-5)

Collection Date: 2/17/2020 11:35:00 AM

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>TCLP Metals by ICP/MS</b>	<b>SW1311/6020A (SW3005A)</b>		Prep Date: <b>2/21/2020</b>		Analyst: <b>MDT</b>	
Iron	0.63	0.25		mg/L	5	2/22/2020
Lead	0.012	0.0050		mg/L	5	2/22/2020
Manganese	6.3	0.010		mg/L	5	2/22/2020
Nickel	0.021	0.010		mg/L	5	2/22/2020
Selenium	ND	0.010		mg/L	5	2/22/2020
Silver	ND	0.010		mg/L	5	2/22/2020
Zinc	ND	0.050		mg/L	5	2/22/2020
<b>TCLP Mercury</b>	<b>SW1311/7470A</b>		Prep Date: <b>3/6/2020</b>		Analyst: <b>JG</b>	
Mercury	ND	0.00020		mg/L	1	3/7/2020
<b>SPLP Mercury</b>	<b>SW1312/7470A</b>		Prep Date: <b>2/24/2020</b>		Analyst: <b>LB</b>	
Mercury	ND	0.00020		mg/L	1	2/27/2020
<b>Mercury</b>	<b>SW7471B</b>		Prep Date: <b>3/10/2020</b>		Analyst: <b>LB</b>	
Mercury	0.060	0.022		mg/Kg-dry	1	3/11/2020
<b>pH (25 °C)</b>	<b>SW9045C</b>		Prep Date: <b>2/25/2020</b>		Analyst: <b>FN</b>	
pH	8.12			pH Units	1	2/25/2020
<b>Percent Moisture</b>	<b>D2974</b>		Prep Date: <b>2/19/2020</b>		Analyst: <b>FN</b>	
Percent Moisture	18.7	0.2	*	wt%	1	2/20/2020

**Qualifiers:**

ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 HT - Sample received past holding time  
 \* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis  
 S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range  
 H - Holding time exceeded



**STAT Analysis Corporation**

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: March 12, 2020

Date Printed: March 12, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-8-03 (5-10)

Work Order: 20020495 Revision 0

Collection Date: 2/17/2020 11:38:00 AM

Project: 81.0220509.75, WO #37, Elk Grove

Matrix: Soil

Lab ID: 20020495-018

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Volatile Organic Compounds by GC/MS</b>		<b>SW5035/8260B</b>		Prep Date: <b>2/19/2020</b>		Analyst: <b>CBG</b>
Acetone	ND	0.11		mg/Kg-dry	1	2/25/2020
Benzene	ND	0.0073		mg/Kg-dry	1	2/25/2020
Bromodichloromethane	ND	0.0073		mg/Kg-dry	1	2/25/2020
Bromoform	ND	0.0073		mg/Kg-dry	1	2/25/2020
Bromomethane	ND	0.015		mg/Kg-dry	1	2/25/2020
2-Butanone	ND	0.11		mg/Kg-dry	1	2/25/2020
Carbon disulfide	ND	0.073		mg/Kg-dry	1	2/25/2020
Carbon tetrachloride	ND	0.0073		mg/Kg-dry	1	2/25/2020
Chlorobenzene	ND	0.0073		mg/Kg-dry	1	2/25/2020
Chloroethane	ND	0.015		mg/Kg-dry	1	2/25/2020
Chloroform	ND	0.0073		mg/Kg-dry	1	2/25/2020
Chloromethane	ND	0.015		mg/Kg-dry	1	2/25/2020
Dibromochloromethane	ND	0.0073		mg/Kg-dry	1	2/25/2020
1,1-Dichloroethane	ND	0.0073		mg/Kg-dry	1	2/25/2020
1,2-Dichloroethane	ND	0.0073		mg/Kg-dry	1	2/25/2020
1,1-Dichloroethene	ND	0.0073		mg/Kg-dry	1	2/25/2020
cis-1,2-Dichloroethene	ND	0.0073		mg/Kg-dry	1	2/25/2020
trans-1,2-Dichloroethene	ND	0.0073		mg/Kg-dry	1	2/25/2020
1,2-Dichloropropane	ND	0.0073		mg/Kg-dry	1	2/25/2020
cis-1,3-Dichloropropene	ND	0.0029		mg/Kg-dry	1	2/25/2020
trans-1,3-Dichloropropene	ND	0.0029		mg/Kg-dry	1	2/25/2020
Ethylbenzene	ND	0.0073		mg/Kg-dry	1	2/25/2020
2-Hexanone	ND	0.029		mg/Kg-dry	1	2/25/2020
4-Methyl-2-pentanone	ND	0.029		mg/Kg-dry	1	2/25/2020
Methylene chloride	ND	0.015		mg/Kg-dry	1	2/25/2020
Methyl tert-butyl ether	ND	0.0073		mg/Kg-dry	1	2/25/2020
Styrene	ND	0.0073		mg/Kg-dry	1	2/25/2020
1,1,2,2-Tetrachloroethane	ND	0.0073		mg/Kg-dry	1	2/25/2020
Tetrachloroethene	ND	0.0073		mg/Kg-dry	1	2/25/2020
Toluene	ND	0.0073		mg/Kg-dry	1	2/25/2020
1,1,1-Trichloroethane	ND	0.0073		mg/Kg-dry	1	2/25/2020
1,1,2-Trichloroethane	ND	0.0073		mg/Kg-dry	1	2/25/2020
Trichloroethene	ND	0.0073		mg/Kg-dry	1	2/25/2020
Vinyl chloride	ND	0.0073		mg/Kg-dry	1	2/25/2020
Xylenes, Total	ND	0.022		mg/Kg-dry	1	2/25/2020
<b>Semivolatile Organic Compounds by GC/MS</b>		<b>SW8270D (SW3550B)</b>		Prep Date: <b>2/20/2020</b>		Analyst: <b>TEM</b>
Acenaphthene	ND	0.038		mg/Kg-dry	1	2/21/2020
Acenaphthylene	ND	0.038		mg/Kg-dry	1	2/21/2020

**Qualifiers:**  
 ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 HT - Sample received past holding time  
 \* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis  
 S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range  
 H - Holding time exceeded

**STAT Analysis Corporation**

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: March 12, 2020

Date Printed: March 12, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-8-03 (5-10)

Work Order: 20020495 Revision 0

Collection Date: 2/17/2020 11:38:00 AM

Project: 81.0220509.75, WO #37, Elk Grove

Matrix: Soil

Lab ID: 20020495-018

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Semivolatile Organic Compounds by GC/MS</b>	<b>SW8270D (SW3550B)</b>				Prep Date: 2/20/2020	Analyst: TEM
Aniline	ND	0.38		mg/Kg-dry	1	2/21/2020
Anthracene	ND	0.038		mg/Kg-dry	1	2/21/2020
Benz(a)anthracene	ND	0.038		mg/Kg-dry	1	2/21/2020
Benzidine	ND	0.38		mg/Kg-dry	1	2/21/2020
Benzo(a)pyrene	ND	0.038		mg/Kg-dry	1	2/21/2020
Benzo(b)fluoranthene	ND	0.038		mg/Kg-dry	1	2/21/2020
Benzo(g,h,i)perylene	ND	0.038		mg/Kg-dry	1	2/21/2020
Benzo(k)fluoranthene	ND	0.038		mg/Kg-dry	1	2/21/2020
Benzoic acid	ND	0.96		mg/Kg-dry	1	2/21/2020
Benzyl alcohol	ND	0.20		mg/Kg-dry	1	2/21/2020
Bis(2-chloroethoxy)methane	ND	0.20		mg/Kg-dry	1	2/21/2020
Bis(2-chloroethyl)ether	ND	0.20		mg/Kg-dry	1	2/21/2020
Bis(2-ethylhexyl)phthalate	ND	0.96		mg/Kg-dry	1	2/21/2020
4-Bromophenyl phenyl ether	ND	0.20		mg/Kg-dry	1	2/21/2020
Butyl benzyl phthalate	ND	0.20		mg/Kg-dry	1	2/21/2020
Carbazole	ND	0.20		mg/Kg-dry	1	2/21/2020
4-Chloroaniline	ND	0.20		mg/Kg-dry	1	2/21/2020
4-Chloro-3-methylphenol	ND	0.38		mg/Kg-dry	1	2/21/2020
2-Chloronaphthalene	ND	0.20		mg/Kg-dry	1	2/21/2020
2-Chlorophenol	ND	0.20		mg/Kg-dry	1	2/21/2020
4-Chlorophenyl phenyl ether	ND	0.20		mg/Kg-dry	1	2/21/2020
Chrysene	ND	0.038		mg/Kg-dry	1	2/21/2020
Dibenz(a,h)anthracene	ND	0.038		mg/Kg-dry	1	2/21/2020
Dibenzofuran	ND	0.20		mg/Kg-dry	1	2/21/2020
1,2-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	2/21/2020
1,3-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	2/21/2020
1,4-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	2/21/2020
3,3'-Dichlorobenzidine	ND	0.20		mg/Kg-dry	1	2/21/2020
2,4-Dichlorophenol	ND	0.20		mg/Kg-dry	1	2/21/2020
Diethyl phthalate	ND	0.20		mg/Kg-dry	1	2/21/2020
2,4-Dimethylphenol	ND	0.20		mg/Kg-dry	1	2/21/2020
Dimethyl phthalate	ND	0.20		mg/Kg-dry	1	2/21/2020
4,6-Dinitro-2-methylphenol	ND	0.38		mg/Kg-dry	1	2/21/2020
2,4-Dinitrophenol	ND	0.96		mg/Kg-dry	1	2/21/2020
2,4-Dinitrotoluene	ND	0.038		mg/Kg-dry	1	2/21/2020
2,6-Dinitrotoluene	ND	0.038		mg/Kg-dry	1	2/21/2020
Di-n-butyl phthalate	ND	0.20		mg/Kg-dry	1	2/21/2020
Di-n-octyl phthalate	ND	0.20		mg/Kg-dry	1	2/21/2020

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

**Qualifiers:**

J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded

**STAT Analysis Corporation**

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: March 12, 2020

Date Printed: March 12, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-8-03 (5-10)

Work Order: 20020495 Revision 0

Collection Date: 2/17/2020 11:38:00 AM

Project: 81.0220509.75, WO #37, Elk Grove

Matrix: Soil

Lab ID: 20020495-018

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Semivolatile Organic Compounds by GC/MS</b>		<b>SW8270D (SW3550B)</b>		Prep Date: <b>2/20/2020</b>		Analyst: <b>TEM</b>
Fluoranthene	ND	0.038		mg/Kg-dry	1	2/21/2020
Fluorene	ND	0.038		mg/Kg-dry	1	2/21/2020
Hexachlorobenzene	ND	0.20		mg/Kg-dry	1	2/21/2020
Hexachlorobutadiene	ND	0.20		mg/Kg-dry	1	2/21/2020
Hexachlorocyclopentadiene	ND	0.20		mg/Kg-dry	1	2/21/2020
Hexachloroethane	ND	0.20		mg/Kg-dry	1	2/21/2020
Indeno(1,2,3-cd)pyrene	ND	0.038		mg/Kg-dry	1	2/21/2020
Isophorone	ND	0.20		mg/Kg-dry	1	2/21/2020
2-Methylnaphthalene	ND	0.20		mg/Kg-dry	1	2/21/2020
2-Methylphenol	ND	0.20		mg/Kg-dry	1	2/21/2020
4-Methylphenol	ND	0.20		mg/Kg-dry	1	2/21/2020
Naphthalene	ND	0.038		mg/Kg-dry	1	2/21/2020
2-Nitroaniline	ND	0.20		mg/Kg-dry	1	2/21/2020
3-Nitroaniline	ND	0.20		mg/Kg-dry	1	2/21/2020
4-Nitroaniline	ND	0.20		mg/Kg-dry	1	2/21/2020
2-Nitrophenol	ND	0.20		mg/Kg-dry	1	2/21/2020
4-Nitrophenol	ND	0.38		mg/Kg-dry	1	2/21/2020
Nitrobenzene	ND	0.038		mg/Kg-dry	1	2/21/2020
N-Nitrosodi-n-propylamine	ND	0.038		mg/Kg-dry	1	2/21/2020
N-Nitrosodimethylamine	ND	0.20		mg/Kg-dry	1	2/21/2020
N-Nitrosodiphenylamine	ND	0.038		mg/Kg-dry	1	2/21/2020
2, 2'-oxybis(1-Chloropropane)	ND	0.20		mg/Kg-dry	1	2/21/2020
Pentachlorophenol	ND	0.038		mg/Kg-dry	1	2/21/2020
Phenanthrene	ND	0.038		mg/Kg-dry	1	2/21/2020
Phenol	ND	0.20		mg/Kg-dry	1	2/21/2020
Pyrene	ND	0.038		mg/Kg-dry	1	2/21/2020
Pyridine	ND	0.77		mg/Kg-dry	1	2/21/2020
1,2,4-Trichlorobenzene	ND	0.20		mg/Kg-dry	1	2/21/2020
2,4,5-Trichlorophenol	ND	0.20		mg/Kg-dry	1	2/21/2020
2,4,6-Trichlorophenol	ND	0.20		mg/Kg-dry	1	2/21/2020
<b>Metals by ICP/MS</b>		<b>SW6020A (SW3050B)</b>		Prep Date: <b>2/24/2020</b>		Analyst: <b>JG</b>
Antimony	ND	1.9		mg/Kg-dry	10	2/24/2020
Arsenic	7.6	0.97		mg/Kg-dry	10	2/24/2020
Barium	37	0.97		mg/Kg-dry	10	2/24/2020
Beryllium	0.54	0.48		mg/Kg-dry	10	2/24/2020
Cadmium	ND	0.48		mg/Kg-dry	10	2/24/2020
Calcium	70000	58		mg/Kg-dry	10	2/24/2020
Chromium	17	0.97		mg/Kg-dry	10	2/24/2020

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers: J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded

**STAT Analysis Corporation**

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: March 12, 2020

Date Printed: March 12, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-8-03 (5-10)

Work Order: 20020495 Revision 0

Collection Date: 2/17/2020 11:38:00 AM

Project: 81.0220509.75, WO #37, Elk Grove

Matrix: Soil

Lab ID: 20020495-018

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Metals by ICP/MS</b>		<b>SW6020A (SW3050B)</b>		Prep Date: <b>2/24/2020</b>		Analyst: <b>JG</b>
Cobalt	6.5	0.97		mg/Kg-dry	10	2/24/2020
Copper	23	2.4		mg/Kg-dry	10	2/24/2020
Iron	20000	29		mg/Kg-dry	10	2/24/2020
Lead	12	0.48		mg/Kg-dry	10	2/24/2020
Magnesium	35000	29		mg/Kg-dry	10	2/24/2020
Manganese	370	0.97		mg/Kg-dry	10	2/24/2020
Nickel	25	0.97		mg/Kg-dry	10	2/24/2020
Potassium	2100	29		mg/Kg-dry	10	2/24/2020
Selenium	ND	0.97		mg/Kg-dry	10	2/24/2020
Silver	ND	0.97		mg/Kg-dry	10	2/24/2020
Sodium	1100	58		mg/Kg-dry	10	2/24/2020
Thallium	ND	0.97		mg/Kg-dry	10	2/24/2020
Vanadium	20	0.97		mg/Kg-dry	10	2/24/2020
Zinc	45	4.8		mg/Kg-dry	10	2/24/2020
<b>SPLP Metals by ICP/MS</b>		<b>SW1312/6020A (SW3005A)</b>		Prep Date: <b>2/20/2020</b>		Analyst: <b>MDT</b>
Arsenic	ND	0.0040		mg/L	2	2/21/2020
Barium	ND	0.020		mg/L	2	2/21/2020
Beryllium	ND	0.0020		mg/L	2	2/21/2020
Cadmium	ND	0.0020		mg/L	2	2/21/2020
Chromium	0.0048	0.0040		mg/L	2	2/21/2020
Cobalt	ND	0.0040		mg/L	2	2/21/2020
Copper	ND	0.040		mg/L	2	2/21/2020
Iron	3.0	0.10		mg/L	2	2/21/2020
Lead	ND	0.0020		mg/L	2	2/21/2020
Manganese	0.019	0.0040		mg/L	2	2/21/2020
Nickel	ND	0.0040		mg/L	2	2/21/2020
Selenium	ND	0.0040		mg/L	2	2/21/2020
Silver	ND	0.0040		mg/L	2	2/21/2020
Zinc	ND	0.020		mg/L	2	2/21/2020
<b>TCLP Metals by ICP/MS</b>		<b>SW1311/6020A (SW3005A)</b>		Prep Date: <b>2/21/2020</b>		Analyst: <b>MDT</b>
Arsenic	ND	0.010		mg/L	5	2/22/2020
Barium	0.53	0.050		mg/L	5	2/22/2020
Beryllium	ND	0.0050		mg/L	5	2/22/2020
Cadmium	ND	0.0050		mg/L	5	2/22/2020
Chromium	ND	0.010		mg/L	5	2/22/2020
Cobalt	ND	0.010		mg/L	5	2/22/2020
Copper	ND	0.10		mg/L	5	2/22/2020

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

**Qualifiers:**

J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded

**STAT Analysis Corporation**

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: March 12, 2020

Date Printed: March 12, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Work Order: 20020495 Revision 0

Project: 81.0220509.75, WO #37, Elk Grove

Lab ID: 20020495-018

Client Sample ID: 2360V2-8-03 (5-10)

Collection Date: 2/17/2020 11:38:00 AM

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>TCLP Metals by ICP/MS</b>	<b>SW1311/6020A (SW3005A)</b>			Prep Date: <b>2/21/2020</b>		Analyst: <b>MDT</b>
Iron	ND	0.25		mg/L	5	2/22/2020
Lead	ND	0.0050		mg/L	5	2/22/2020
Manganese	1.6	0.010		mg/L	5	2/22/2020
Nickel	ND	0.010		mg/L	5	2/22/2020
Selenium	ND	0.010		mg/L	5	2/22/2020
Silver	ND	0.010		mg/L	5	2/22/2020
Zinc	ND	0.050		mg/L	5	2/22/2020
<b>TCLP Mercury</b>	<b>SW1311/7470A</b>			Prep Date: <b>3/6/2020</b>		Analyst: <b>JG</b>
Mercury	ND	0.00020		mg/L	1	3/7/2020
<b>SPLP Mercury</b>	<b>SW1312/7470A</b>			Prep Date: <b>2/24/2020</b>		Analyst: <b>LB</b>
Mercury	ND	0.00020		mg/L	1	2/27/2020
<b>Mercury</b>	<b>SW7471B</b>			Prep Date: <b>3/10/2020</b>		Analyst: <b>LB</b>
Mercury	0.028	0.019		mg/Kg-dry	1	3/11/2020
<b>pH (25 °C)</b>	<b>SW9045C</b>			Prep Date: <b>2/25/2020</b>		Analyst: <b>FN</b>
pH	8.38			pH Units	1	2/25/2020
<b>Percent Moisture</b>	<b>D2974</b>			Prep Date: <b>2/19/2020</b>		Analyst: <b>FN</b>
Percent Moisture	13.6	0.2	*	wt%	1	2/20/2020

**Qualifiers:**  
 ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 HT - Sample received past holding time  
 \* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis  
 S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range  
 H - Holding time exceeded

**STAT Analysis Corporation**

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: March 12, 2020

Date Printed: March 12, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-8-03 (10-12)

Work Order: 20020495 Revision 0

Collection Date: 2/17/2020 11:40:00 AM

Project: 81.0220509.75, WO #37, Elk Grove

Matrix: Soil

Lab ID: 20020495-019

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Volatile Organic Compounds by GC/MS</b>		<b>SW5035/8260B</b>		Prep Date: <b>2/19/2020</b>		Analyst: <b>CBG</b>
Acetone	ND	0.076		mg/Kg-dry	1	2/25/2020
Benzene	ND	0.0051		mg/Kg-dry	1	2/25/2020
Bromodichloromethane	ND	0.0051		mg/Kg-dry	1	2/25/2020
Bromoform	ND	0.0051		mg/Kg-dry	1	2/25/2020
Bromomethane	ND	0.010		mg/Kg-dry	1	2/25/2020
2-Butanone	ND	0.076		mg/Kg-dry	1	2/25/2020
Carbon disulfide	ND	0.051		mg/Kg-dry	1	2/25/2020
Carbon tetrachloride	ND	0.0051		mg/Kg-dry	1	2/25/2020
Chlorobenzene	ND	0.0051		mg/Kg-dry	1	2/25/2020
Chloroethane	ND	0.010		mg/Kg-dry	1	2/25/2020
Chloroform	ND	0.0051		mg/Kg-dry	1	2/25/2020
Chloromethane	ND	0.010		mg/Kg-dry	1	2/25/2020
Dibromochloromethane	ND	0.0051		mg/Kg-dry	1	2/25/2020
1,1-Dichloroethane	ND	0.0051		mg/Kg-dry	1	2/25/2020
1,2-Dichloroethane	ND	0.0051		mg/Kg-dry	1	2/25/2020
1,1-Dichloroethene	ND	0.0051		mg/Kg-dry	1	2/25/2020
cis-1,2-Dichloroethene	ND	0.0051		mg/Kg-dry	1	2/25/2020
trans-1,2-Dichloroethene	ND	0.0051		mg/Kg-dry	1	2/25/2020
1,2-Dichloropropane	ND	0.0051		mg/Kg-dry	1	2/25/2020
cis-1,3-Dichloropropene	ND	0.0020		mg/Kg-dry	1	2/25/2020
trans-1,3-Dichloropropene	ND	0.0020		mg/Kg-dry	1	2/25/2020
Ethylbenzene	ND	0.0051		mg/Kg-dry	1	2/25/2020
2-Hexanone	ND	0.020		mg/Kg-dry	1	2/25/2020
4-Methyl-2-pentanone	ND	0.020		mg/Kg-dry	1	2/25/2020
Methylene chloride	ND	0.010		mg/Kg-dry	1	2/25/2020
Methyl tert-butyl ether	ND	0.0051		mg/Kg-dry	1	2/25/2020
Styrene	ND	0.0051		mg/Kg-dry	1	2/25/2020
1,1,2,2-Tetrachloroethane	ND	0.0051		mg/Kg-dry	1	2/25/2020
Tetrachloroethene	ND	0.0051		mg/Kg-dry	1	2/25/2020
Toluene	ND	0.0051		mg/Kg-dry	1	2/25/2020
1,1,1-Trichloroethane	ND	0.0051		mg/Kg-dry	1	2/25/2020
1,1,2-Trichloroethane	ND	0.0051		mg/Kg-dry	1	2/25/2020
Trichloroethene	ND	0.0051		mg/Kg-dry	1	2/25/2020
Vinyl chloride	ND	0.0051		mg/Kg-dry	1	2/25/2020
Xylenes, Total	ND	0.015		mg/Kg-dry	1	2/25/2020
<b>Semivolatile Organic Compounds by GC/MS</b>		<b>SW8270D (SW3550B)</b>		Prep Date: <b>2/20/2020</b>		Analyst: <b>TEM</b>
Acenaphthene	ND	0.038		mg/Kg-dry	1	2/21/2020
Acenaphthylene	ND	0.038		mg/Kg-dry	1	2/21/2020

**Qualifiers:**  
 ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 HT - Sample received past holding time  
 \* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis  
 S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range  
 H - Holding time exceeded

**STAT Analysis Corporation**

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: March 12, 2020

Date Printed: March 12, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-8-03 (10-12)

Work Order: 20020495 Revision 0

Collection Date: 2/17/2020 11:40:00 AM

Project: 81.0220509.75, WO #37, Elk Grove

Matrix: Soil

Lab ID: 20020495-019

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Semivolatile Organic Compounds by GC/MS</b>	<b>SW8270D (SW3550B)</b>				Prep Date: 2/20/2020	Analyst: TEM
Aniline	ND	0.38		mg/Kg-dry	1	2/21/2020
Anthracene	ND	0.038		mg/Kg-dry	1	2/21/2020
Benz(a)anthracene	ND	0.038		mg/Kg-dry	1	2/21/2020
Benzidine	ND	0.38		mg/Kg-dry	1	2/21/2020
Benzo(a)pyrene	ND	0.038		mg/Kg-dry	1	2/21/2020
Benzo(b)fluoranthene	ND	0.038		mg/Kg-dry	1	2/21/2020
Benzo(g,h,i)perylene	ND	0.038		mg/Kg-dry	1	2/21/2020
Benzo(k)fluoranthene	ND	0.038		mg/Kg-dry	1	2/21/2020
Benzoic acid	ND	0.94		mg/Kg-dry	1	2/21/2020
Benzyl alcohol	ND	0.19		mg/Kg-dry	1	2/21/2020
Bis(2-chloroethoxy)methane	ND	0.19		mg/Kg-dry	1	2/21/2020
Bis(2-chloroethyl)ether	ND	0.19		mg/Kg-dry	1	2/21/2020
Bis(2-ethylhexyl)phthalate	ND	0.94		mg/Kg-dry	1	2/21/2020
4-Bromophenyl phenyl ether	ND	0.19		mg/Kg-dry	1	2/21/2020
Butyl benzyl phthalate	ND	0.19		mg/Kg-dry	1	2/21/2020
Carbazole	ND	0.19		mg/Kg-dry	1	2/21/2020
4-Chloroaniline	ND	0.19		mg/Kg-dry	1	2/21/2020
4-Chloro-3-methylphenol	ND	0.38		mg/Kg-dry	1	2/21/2020
2-Chloronaphthalene	ND	0.19		mg/Kg-dry	1	2/21/2020
2-Chlorophenol	ND	0.19		mg/Kg-dry	1	2/21/2020
4-Chlorophenyl phenyl ether	ND	0.19		mg/Kg-dry	1	2/21/2020
Chrysene	ND	0.038		mg/Kg-dry	1	2/21/2020
Dibenz(a,h)anthracene	ND	0.038		mg/Kg-dry	1	2/21/2020
Dibenzofuran	ND	0.19		mg/Kg-dry	1	2/21/2020
1,2-Dichlorobenzene	ND	0.19		mg/Kg-dry	1	2/21/2020
1,3-Dichlorobenzene	ND	0.19		mg/Kg-dry	1	2/21/2020
1,4-Dichlorobenzene	ND	0.19		mg/Kg-dry	1	2/21/2020
3,3'-Dichlorobenzidine	ND	0.19		mg/Kg-dry	1	2/21/2020
2,4-Dichlorophenol	ND	0.19		mg/Kg-dry	1	2/21/2020
Diethyl phthalate	ND	0.19		mg/Kg-dry	1	2/21/2020
2,4-Dimethylphenol	ND	0.19		mg/Kg-dry	1	2/21/2020
Dimethyl phthalate	ND	0.19		mg/Kg-dry	1	2/21/2020
4,6-Dinitro-2-methylphenol	ND	0.38		mg/Kg-dry	1	2/21/2020
2,4-Dinitrophenol	ND	0.94		mg/Kg-dry	1	2/21/2020
2,4-Dinitrotoluene	ND	0.038		mg/Kg-dry	1	2/21/2020
2,6-Dinitrotoluene	ND	0.038		mg/Kg-dry	1	2/21/2020
Di-n-butyl phthalate	ND	0.19		mg/Kg-dry	1	2/21/2020
Di-n-octyl phthalate	ND	0.19		mg/Kg-dry	1	2/21/2020

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers: J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded

**STAT Analysis Corporation**

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: March 12, 2020

Date Printed: March 12, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-8-03 (10-12)

Work Order: 20020495 Revision 0

Collection Date: 2/17/2020 11:40:00 AM

Project: 81.0220509.75, WO #37, Elk Grove

Matrix: Soil

Lab ID: 20020495-019

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Semivolatile Organic Compounds by GC/MS</b>						
	<b>SW8270D (SW3550B)</b>		Prep Date: <b>2/20/2020</b>		Analyst: <b>TEM</b>	
Fluoranthene	ND	0.038		mg/Kg-dry	1	2/21/2020
Fluorene	ND	0.038		mg/Kg-dry	1	2/21/2020
Hexachlorobenzene	ND	0.19		mg/Kg-dry	1	2/21/2020
Hexachlorobutadiene	ND	0.19		mg/Kg-dry	1	2/21/2020
Hexachlorocyclopentadiene	ND	0.19		mg/Kg-dry	1	2/21/2020
Hexachloroethane	ND	0.19		mg/Kg-dry	1	2/21/2020
Indeno(1,2,3-cd)pyrene	ND	0.038		mg/Kg-dry	1	2/21/2020
Isophorone	ND	0.19		mg/Kg-dry	1	2/21/2020
2-Methylnaphthalene	ND	0.19		mg/Kg-dry	1	2/21/2020
2-Methylphenol	ND	0.19		mg/Kg-dry	1	2/21/2020
4-Methylphenol	ND	0.19		mg/Kg-dry	1	2/21/2020
Naphthalene	ND	0.038		mg/Kg-dry	1	2/21/2020
2-Nitroaniline	ND	0.19		mg/Kg-dry	1	2/21/2020
3-Nitroaniline	ND	0.19		mg/Kg-dry	1	2/21/2020
4-Nitroaniline	ND	0.19		mg/Kg-dry	1	2/21/2020
2-Nitrophenol	ND	0.19		mg/Kg-dry	1	2/21/2020
4-Nitrophenol	ND	0.38		mg/Kg-dry	1	2/21/2020
Nitrobenzene	ND	0.038		mg/Kg-dry	1	2/21/2020
N-Nitrosodi-n-propylamine	ND	0.038		mg/Kg-dry	1	2/21/2020
N-Nitrosodimethylamine	ND	0.19		mg/Kg-dry	1	2/21/2020
N-Nitrosodiphenylamine	ND	0.038		mg/Kg-dry	1	2/21/2020
2, 2'-oxybis(1-Chloropropane)	ND	0.19		mg/Kg-dry	1	2/21/2020
Pentachlorophenol	ND	0.038		mg/Kg-dry	1	2/21/2020
Phenanthrene	ND	0.038		mg/Kg-dry	1	2/21/2020
Phenol	ND	0.19		mg/Kg-dry	1	2/21/2020
Pyrene	ND	0.038		mg/Kg-dry	1	2/21/2020
Pyridine	ND	0.76		mg/Kg-dry	1	2/21/2020
1,2,4-Trichlorobenzene	ND	0.19		mg/Kg-dry	1	2/21/2020
2,4,5-Trichlorophenol	ND	0.19		mg/Kg-dry	1	2/21/2020
2,4,6-Trichlorophenol	ND	0.19		mg/Kg-dry	1	2/21/2020
<b>Metals by ICP/MS</b>						
	<b>SW6020A (SW3050B)</b>		Prep Date: <b>2/24/2020</b>		Analyst: <b>JG</b>	
Antimony	ND	2.0		mg/Kg-dry	10	2/24/2020
Arsenic	7.4	1.0		mg/Kg-dry	10	2/24/2020
Barium	38	1.0		mg/Kg-dry	10	2/24/2020
Beryllium	ND	0.50		mg/Kg-dry	10	2/24/2020
Cadmium	ND	0.50		mg/Kg-dry	10	2/24/2020
Calcium	68000	61		mg/Kg-dry	10	2/24/2020
Chromium	15	1.0		mg/Kg-dry	10	2/24/2020

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers: J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded



**STAT Analysis Corporation**

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: March 12, 2020

Date Printed: March 12, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-8-03 (10-12)

Work Order: 20020495 Revision 0

Collection Date: 2/17/2020 11:40:00 AM

Project: 81.0220509.75, WO #37, Elk Grove

Matrix: Soil

Lab ID: 20020495-019

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Metals by ICP/MS</b>		<b>SW6020A (SW3050B)</b>		Prep Date: <b>2/24/2020</b>		Analyst: <b>JG</b>
Cobalt	6.5	1.0		mg/Kg-dry	10	2/24/2020
Copper	22	2.5		mg/Kg-dry	10	2/24/2020
Iron	19000	30		mg/Kg-dry	10	2/24/2020
Lead	12	0.50		mg/Kg-dry	10	2/24/2020
Magnesium	33000	30		mg/Kg-dry	10	2/24/2020
Manganese	390	1.0		mg/Kg-dry	10	2/24/2020
Nickel	21	1.0		mg/Kg-dry	10	2/24/2020
Potassium	1900	30		mg/Kg-dry	10	2/24/2020
Selenium	ND	1.0		mg/Kg-dry	10	2/24/2020
Silver	ND	1.0		mg/Kg-dry	10	2/24/2020
Sodium	890	61		mg/Kg-dry	10	2/24/2020
Thallium	ND	1.0		mg/Kg-dry	10	2/24/2020
Vanadium	18	1.0		mg/Kg-dry	10	2/24/2020
Zinc	46	5.0		mg/Kg-dry	10	2/24/2020
<b>SPLP Metals by ICP/MS</b>		<b>SW1312/6020A (SW3005A)</b>		Prep Date: <b>2/21/2020</b>		Analyst: <b>MDT</b>
Arsenic	ND	0.0040		mg/L	2	2/22/2020
Barium	ND	0.020		mg/L	2	2/22/2020
Beryllium	ND	0.0020		mg/L	2	2/24/2020
Cadmium	ND	0.0020		mg/L	2	2/22/2020
Chromium	ND	0.0040		mg/L	2	2/22/2020
Cobalt	ND	0.0040		mg/L	2	2/22/2020
Copper	ND	0.040		mg/L	2	2/22/2020
Iron	1.1	0.10		mg/L	2	2/22/2020
Lead	ND	0.0020		mg/L	2	2/22/2020
Manganese	ND	0.0040		mg/L	2	2/22/2020
Nickel	ND	0.0040		mg/L	2	2/22/2020
Selenium	ND	0.0040		mg/L	2	2/22/2020
Silver	ND	0.0040		mg/L	2	2/22/2020
Zinc	ND	0.020		mg/L	2	2/22/2020
<b>TCLP Metals by ICP/MS</b>		<b>SW1311/6020A (SW3005A)</b>		Prep Date: <b>2/21/2020</b>		Analyst: <b>MDT</b>
Arsenic	ND	0.010		mg/L	5	2/22/2020
Barium	0.16	0.050		mg/L	5	2/22/2020
Beryllium	ND	0.0050		mg/L	5	2/22/2020
Cadmium	ND	0.0050		mg/L	5	2/22/2020
Chromium	ND	0.010		mg/L	5	2/22/2020
Cobalt	ND	0.010		mg/L	5	2/22/2020
Copper	ND	0.10		mg/L	5	2/22/2020

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers: J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded

**STAT Analysis Corporation**

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: March 12, 2020

Date Printed: March 12, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Work Order: 20020495 Revision 0

Project: 81.0220509.75, WO #37, Elk Grove

Lab ID: 20020495-019

Client Sample ID: 2360V2-8-03 (10-12)

Collection Date: 2/17/2020 11:40:00 AM

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>TCLP Metals by ICP/MS</b>	<b>SW1311/6020A (SW3005A)</b>			Prep Date: <b>2/21/2020</b>		Analyst: <b>MDT</b>
Iron	ND	0.25		mg/L	5	2/22/2020
Lead	ND	0.0050		mg/L	5	2/22/2020
Manganese	1.1	0.010		mg/L	5	2/22/2020
Nickel	ND	0.010		mg/L	5	2/22/2020
Selenium	ND	0.010		mg/L	5	2/22/2020
Silver	ND	0.010		mg/L	5	2/22/2020
Zinc	ND	0.050		mg/L	5	2/22/2020
<b>TCLP Mercury</b>	<b>SW1311/7470A</b>			Prep Date: <b>3/6/2020</b>		Analyst: <b>JG</b>
Mercury	ND	0.00020		mg/L	1	3/7/2020
<b>SPLP Mercury</b>	<b>SW1312/7470A</b>			Prep Date: <b>2/28/2020</b>		Analyst: <b>LB</b>
Mercury	ND	0.00020		mg/L	1	3/2/2020
<b>Mercury</b>	<b>SW7471B</b>			Prep Date: <b>3/10/2020</b>		Analyst: <b>LB</b>
Mercury	ND	0.019		mg/Kg-dry	1	3/11/2020
<b>pH (25 °C)</b>	<b>SW9045C</b>			Prep Date: <b>2/25/2020</b>		Analyst: <b>FN</b>
pH	8.72			pH Units	1	2/25/2020
<b>Percent Moisture</b>	<b>D2974</b>			Prep Date: <b>2/19/2020</b>		Analyst: <b>FN</b>
Percent Moisture	12.2	0.2	*	wt%	1	2/20/2020

**Qualifiers:**

ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 HT - Sample received past holding time  
 \* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis  
 S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range  
 H - Holding time exceeded

**STAT Analysis Corporation**

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: March 12, 2020

Date Printed: March 12, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-8-04 (0-2)

Work Order: 20020495 Revision 0

Collection Date: 2/17/2020 1:17:00 PM

Project: 81.0220509.75, WO #37, Elk Grove

Matrix: Soil

Lab ID: 20020495-020

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Volatile Organic Compounds by GC/MS</b>		<b>SW5035/8260B</b>		Prep Date: <b>2/19/2020</b>		Analyst: <b>CBG</b>
Acetone	ND	0.075		mg/Kg-dry	1	2/25/2020
Benzene	ND	0.0050		mg/Kg-dry	1	2/25/2020
Bromodichloromethane	ND	0.0050		mg/Kg-dry	1	2/25/2020
Bromoform	ND	0.0050		mg/Kg-dry	1	2/25/2020
Bromomethane	ND	0.010		mg/Kg-dry	1	2/25/2020
2-Butanone	ND	0.075		mg/Kg-dry	1	2/25/2020
Carbon disulfide	ND	0.050		mg/Kg-dry	1	2/25/2020
Carbon tetrachloride	ND	0.0050		mg/Kg-dry	1	2/25/2020
Chlorobenzene	ND	0.0050		mg/Kg-dry	1	2/25/2020
Chloroethane	ND	0.010		mg/Kg-dry	1	2/25/2020
Chloroform	ND	0.0050		mg/Kg-dry	1	2/25/2020
Chloromethane	ND	0.010		mg/Kg-dry	1	2/25/2020
Dibromochloromethane	ND	0.0050		mg/Kg-dry	1	2/25/2020
1,1-Dichloroethane	ND	0.0050		mg/Kg-dry	1	2/25/2020
1,2-Dichloroethane	ND	0.0050		mg/Kg-dry	1	2/25/2020
1,1-Dichloroethene	ND	0.0050		mg/Kg-dry	1	2/25/2020
cis-1,2-Dichloroethene	ND	0.0050		mg/Kg-dry	1	2/25/2020
trans-1,2-Dichloroethene	ND	0.0050		mg/Kg-dry	1	2/25/2020
1,2-Dichloropropane	ND	0.0050		mg/Kg-dry	1	2/25/2020
cis-1,3-Dichloropropene	ND	0.0020		mg/Kg-dry	1	2/25/2020
trans-1,3-Dichloropropene	ND	0.0020		mg/Kg-dry	1	2/25/2020
Ethylbenzene	ND	0.0050		mg/Kg-dry	1	2/25/2020
2-Hexanone	ND	0.020		mg/Kg-dry	1	2/25/2020
4-Methyl-2-pentanone	ND	0.020		mg/Kg-dry	1	2/25/2020
Methylene chloride	ND	0.010		mg/Kg-dry	1	2/25/2020
Methyl tert-butyl ether	ND	0.0050		mg/Kg-dry	1	2/25/2020
Styrene	ND	0.0050		mg/Kg-dry	1	2/25/2020
1,1,2,2-Tetrachloroethane	ND	0.0050		mg/Kg-dry	1	2/25/2020
Tetrachloroethene	ND	0.0050		mg/Kg-dry	1	2/25/2020
Toluene	ND	0.0050		mg/Kg-dry	1	2/25/2020
1,1,1-Trichloroethane	ND	0.0050		mg/Kg-dry	1	2/25/2020
1,1,2-Trichloroethane	ND	0.0050		mg/Kg-dry	1	2/25/2020
Trichloroethene	ND	0.0050		mg/Kg-dry	1	2/25/2020
Vinyl chloride	ND	0.0050		mg/Kg-dry	1	2/25/2020
Xylenes, Total	ND	0.015		mg/Kg-dry	1	2/25/2020
<b>Semivolatile Organic Compounds by GC/MS</b>		<b>SW8270D (SW3550B)</b>		Prep Date: <b>2/20/2020</b>		Analyst: <b>TEM</b>
Acenaphthene	ND	0.037		mg/Kg-dry	1	2/21/2020
Acenaphthylene	ND	0.037		mg/Kg-dry	1	2/21/2020

**Qualifiers:**  
 ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 HT - Sample received past holding time  
 \* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis  
 S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range  
 H - Holding time exceeded

**STAT Analysis Corporation**

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: March 12, 2020

Date Printed: March 12, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-8-04 (0-2)

Work Order: 20020495 Revision 0

Collection Date: 2/17/2020 1:17:00 PM

Project: 81.0220509.75, WO #37, Elk Grove

Matrix: Soil

Lab ID: 20020495-020

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Semivolatile Organic Compounds by GC/MS</b>	<b>SW8270D (SW3550B)</b>				Prep Date: 2/20/2020	Analyst: TEM
Aniline	ND	0.38		mg/Kg-dry	1	2/21/2020
Anthracene	ND	0.037		mg/Kg-dry	1	2/21/2020
Benz(a)anthracene	ND	0.037		mg/Kg-dry	1	2/21/2020
Benzidine	ND	0.37		mg/Kg-dry	1	2/21/2020
Benzo(a)pyrene	ND	0.037		mg/Kg-dry	1	2/21/2020
Benzo(b)fluoranthene	ND	0.037		mg/Kg-dry	1	2/21/2020
Benzo(g,h,i)perylene	ND	0.037		mg/Kg-dry	1	2/21/2020
Benzo(k)fluoranthene	ND	0.037		mg/Kg-dry	1	2/21/2020
Benzoic acid	ND	0.94		mg/Kg-dry	1	2/21/2020
Benzyl alcohol	ND	0.19		mg/Kg-dry	1	2/21/2020
Bis(2-chloroethoxy)methane	ND	0.19		mg/Kg-dry	1	2/21/2020
Bis(2-chloroethyl)ether	ND	0.19		mg/Kg-dry	1	2/21/2020
Bis(2-ethylhexyl)phthalate	ND	0.94		mg/Kg-dry	1	2/21/2020
4-Bromophenyl phenyl ether	ND	0.19		mg/Kg-dry	1	2/21/2020
Butyl benzyl phthalate	ND	0.19		mg/Kg-dry	1	2/21/2020
Carbazole	ND	0.19		mg/Kg-dry	1	2/21/2020
4-Chloroaniline	ND	0.19		mg/Kg-dry	1	2/21/2020
4-Chloro-3-methylphenol	ND	0.37		mg/Kg-dry	1	2/21/2020
2-Chloronaphthalene	ND	0.19		mg/Kg-dry	1	2/21/2020
2-Chlorophenol	ND	0.19		mg/Kg-dry	1	2/21/2020
4-Chlorophenyl phenyl ether	ND	0.19		mg/Kg-dry	1	2/21/2020
Chrysene	ND	0.037		mg/Kg-dry	1	2/21/2020
Dibenz(a,h)anthracene	ND	0.037		mg/Kg-dry	1	2/21/2020
Dibenzofuran	ND	0.19		mg/Kg-dry	1	2/21/2020
1,2-Dichlorobenzene	ND	0.19		mg/Kg-dry	1	2/21/2020
1,3-Dichlorobenzene	ND	0.19		mg/Kg-dry	1	2/21/2020
1,4-Dichlorobenzene	ND	0.19		mg/Kg-dry	1	2/21/2020
3,3'-Dichlorobenzidine	ND	0.19		mg/Kg-dry	1	2/21/2020
2,4-Dichlorophenol	ND	0.19		mg/Kg-dry	1	2/21/2020
Diethyl phthalate	ND	0.19		mg/Kg-dry	1	2/21/2020
2,4-Dimethylphenol	ND	0.19		mg/Kg-dry	1	2/21/2020
Dimethyl phthalate	ND	0.19		mg/Kg-dry	1	2/21/2020
4,6-Dinitro-2-methylphenol	ND	0.37		mg/Kg-dry	1	2/21/2020
2,4-Dinitrophenol	ND	0.94		mg/Kg-dry	1	2/21/2020
2,4-Dinitrotoluene	ND	0.037		mg/Kg-dry	1	2/21/2020
2,6-Dinitrotoluene	ND	0.037		mg/Kg-dry	1	2/21/2020
Di-n-butyl phthalate	ND	0.19		mg/Kg-dry	1	2/21/2020
Di-n-octyl phthalate	ND	0.19		mg/Kg-dry	1	2/21/2020

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

**Qualifiers:**

J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded

**STAT Analysis Corporation**

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: March 12, 2020

Date Printed: March 12, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-8-04 (0-2)

Work Order: 20020495 Revision 0

Collection Date: 2/17/2020 1:17:00 PM

Project: 81.0220509.75, WO #37, Elk Grove

Matrix: Soil

Lab ID: 20020495-020

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Semivolatile Organic Compounds by GC/MS</b>						
	<b>SW8270D (SW3550B)</b>			Prep Date: <b>2/20/2020</b>		Analyst: <b>TEM</b>
Fluoranthene	ND	0.037		mg/Kg-dry	1	2/21/2020
Fluorene	ND	0.037		mg/Kg-dry	1	2/21/2020
Hexachlorobenzene	ND	0.19		mg/Kg-dry	1	2/21/2020
Hexachlorobutadiene	ND	0.19		mg/Kg-dry	1	2/21/2020
Hexachlorocyclopentadiene	ND	0.19		mg/Kg-dry	1	2/21/2020
Hexachloroethane	ND	0.19		mg/Kg-dry	1	2/21/2020
Indeno(1,2,3-cd)pyrene	ND	0.037		mg/Kg-dry	1	2/21/2020
Isophorone	ND	0.19		mg/Kg-dry	1	2/21/2020
2-Methylnaphthalene	ND	0.19		mg/Kg-dry	1	2/21/2020
2-Methylphenol	ND	0.19		mg/Kg-dry	1	2/21/2020
4-Methylphenol	ND	0.19		mg/Kg-dry	1	2/21/2020
Naphthalene	ND	0.037		mg/Kg-dry	1	2/21/2020
2-Nitroaniline	ND	0.19		mg/Kg-dry	1	2/21/2020
3-Nitroaniline	ND	0.19		mg/Kg-dry	1	2/21/2020
4-Nitroaniline	ND	0.19		mg/Kg-dry	1	2/21/2020
2-Nitrophenol	ND	0.19		mg/Kg-dry	1	2/21/2020
4-Nitrophenol	ND	0.37		mg/Kg-dry	1	2/21/2020
Nitrobenzene	ND	0.037		mg/Kg-dry	1	2/21/2020
N-Nitrosodi-n-propylamine	ND	0.037		mg/Kg-dry	1	2/21/2020
N-Nitrosodimethylamine	ND	0.19		mg/Kg-dry	1	2/21/2020
N-Nitrosodiphenylamine	ND	0.037		mg/Kg-dry	1	2/21/2020
2, 2'-oxybis(1-Chloropropane)	ND	0.19		mg/Kg-dry	1	2/21/2020
Pentachlorophenol	ND	0.037		mg/Kg-dry	1	2/21/2020
Phenanthrene	ND	0.037		mg/Kg-dry	1	2/21/2020
Phenol	ND	0.19		mg/Kg-dry	1	2/21/2020
Pyrene	ND	0.037		mg/Kg-dry	1	2/21/2020
Pyridine	ND	0.76		mg/Kg-dry	1	2/21/2020
1,2,4-Trichlorobenzene	ND	0.19		mg/Kg-dry	1	2/21/2020
2,4,5-Trichlorophenol	ND	0.19		mg/Kg-dry	1	2/21/2020
2,4,6-Trichlorophenol	ND	0.19		mg/Kg-dry	1	2/21/2020
<b>Metals by ICP/MS</b>						
	<b>SW6020A (SW3050B)</b>			Prep Date: <b>2/24/2020</b>		Analyst: <b>JG</b>
Antimony	ND	2.1		mg/Kg-dry	10	2/24/2020
Arsenic	8.4	1.0		mg/Kg-dry	10	2/24/2020
Barium	56	1.0		mg/Kg-dry	10	2/24/2020
Beryllium	0.61	0.52		mg/Kg-dry	10	2/24/2020
Cadmium	ND	0.52		mg/Kg-dry	10	2/24/2020
Calcium	60000	62		mg/Kg-dry	10	2/24/2020
Chromium	18	1.0		mg/Kg-dry	10	2/24/2020

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers: J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded

**STAT Analysis Corporation**

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: March 12, 2020

Date Printed: March 12, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-8-04 (0-2)

Work Order: 20020495 Revision 0

Collection Date: 2/17/2020 1:17:00 PM

Project: 81.0220509.75, WO #37, Elk Grove

Matrix: Soil

Lab ID: 20020495-020

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Metals by ICP/MS</b>		<b>SW6020A (SW3050B)</b>		Prep Date: <b>2/24/2020</b>		Analyst: <b>JG</b>
Cobalt	11	1.0		mg/Kg-dry	10	2/24/2020
Copper	24	2.6		mg/Kg-dry	10	2/24/2020
Iron	22000	31		mg/Kg-dry	10	2/24/2020
Lead	14	0.52		mg/Kg-dry	10	2/24/2020
Magnesium	31000	31		mg/Kg-dry	10	2/24/2020
Manganese	560	1.0		mg/Kg-dry	10	2/24/2020
Nickel	27	1.0		mg/Kg-dry	10	2/24/2020
Potassium	2000	31		mg/Kg-dry	10	2/24/2020
Selenium	ND	1.0		mg/Kg-dry	10	2/24/2020
Silver	ND	1.0		mg/Kg-dry	10	2/24/2020
Sodium	1900	62		mg/Kg-dry	10	2/24/2020
Thallium	ND	1.0		mg/Kg-dry	10	2/24/2020
Vanadium	23	1.0		mg/Kg-dry	10	2/24/2020
Zinc	48	5.2		mg/Kg-dry	10	2/24/2020
<b>SPLP Metals by ICP/MS</b>		<b>SW1312/6020A (SW3005A)</b>		Prep Date: <b>2/21/2020</b>		Analyst: <b>MDT</b>
Arsenic	ND	0.0040		mg/L	2	2/22/2020
Barium	ND	0.020		mg/L	2	2/22/2020
Beryllium	ND	0.0020		mg/L	2	2/24/2020
Cadmium	ND	0.0020		mg/L	2	2/22/2020
Chromium	ND	0.0040		mg/L	2	2/22/2020
Cobalt	ND	0.0040		mg/L	2	2/22/2020
Copper	ND	0.040		mg/L	2	2/22/2020
Iron	0.50	0.10		mg/L	2	2/22/2020
Lead	ND	0.0020		mg/L	2	2/22/2020
Manganese	0.012	0.0040		mg/L	2	2/22/2020
Nickel	ND	0.0040		mg/L	2	2/22/2020
Selenium	ND	0.0040		mg/L	2	2/22/2020
Silver	ND	0.0040		mg/L	2	2/22/2020
Zinc	ND	0.020		mg/L	2	2/22/2020
<b>TCLP Metals by ICP/MS</b>		<b>SW1311/6020A (SW3005A)</b>		Prep Date: <b>2/24/2020</b>		Analyst: <b>MDT</b>
Arsenic	ND	0.010		mg/L	5	2/24/2020
Barium	0.97	0.050		mg/L	5	2/24/2020
Beryllium	ND	0.0050		mg/L	5	2/26/2020
Cadmium	ND	0.0050		mg/L	5	2/24/2020
Chromium	ND	0.010		mg/L	5	2/24/2020
Cobalt	0.022	0.010		mg/L	5	2/24/2020
Copper	ND	0.10		mg/L	5	2/24/2020

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers: J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded

**STAT Analysis Corporation**

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: March 12, 2020

Date Printed: March 12, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Work Order: 20020495 Revision 0

Project: 81.0220509.75, WO #37, Elk Grove

Lab ID: 20020495-020

Client Sample ID: 2360V2-8-04 (0-2)

Collection Date: 2/17/2020 1:17:00 PM

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>TCLP Metals by ICP/MS</b>	<b>SW1311/6020A (SW3005A)</b>		Prep Date: <b>2/24/2020</b>		Analyst: <b>MDT</b>	
Iron	ND	0.25		mg/L	5	2/24/2020
Lead	ND	0.0050		mg/L	5	2/24/2020
Manganese	10	0.010		mg/L	5	2/24/2020
Nickel	ND	0.010		mg/L	5	2/24/2020
Selenium	ND	0.010		mg/L	5	2/24/2020
Silver	ND	0.010		mg/L	5	2/24/2020
Zinc	ND	0.050		mg/L	5	2/24/2020
<b>TCLP Mercury</b>	<b>SW1311/7470A</b>		Prep Date: <b>2/28/2020</b>		Analyst: <b>LB</b>	
Mercury	ND	0.00020		mg/L	1	3/2/2020
<b>SPLP Mercury</b>	<b>SW1312/7470A</b>		Prep Date: <b>2/28/2020</b>		Analyst: <b>LB</b>	
Mercury	ND	0.00020		mg/L	1	3/2/2020
<b>Mercury</b>	<b>SW7471B</b>		Prep Date: <b>3/10/2020</b>		Analyst: <b>LB</b>	
Mercury	ND	0.019		mg/Kg-dry	1	3/11/2020
<b>pH (25 °C)</b>	<b>SW9045C</b>		Prep Date: <b>2/25/2020</b>		Analyst: <b>FN</b>	
pH	8.06			pH Units	1	2/25/2020
<b>Percent Moisture</b>	<b>D2974</b>		Prep Date: <b>2/19/2020</b>		Analyst: <b>FN</b>	
Percent Moisture	13.3	0.2	*	wt%	1	2/20/2020

**Qualifiers:**  
 ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 HT - Sample received past holding time  
 \* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis  
 S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range  
 H - Holding time exceeded

**STAT Analysis Corporation**

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: March 12, 2020

Date Printed: March 12, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-9-02 (0-5)

Work Order: 20020495 Revision 0

Collection Date: 2/17/2020 9:25:00 AM

Project: 81.0220509.75, WO #37, Elk Grove

Matrix: Soil

Lab ID: 20020495-023

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Volatile Organic Compounds by GC/MS</b>		<b>SW5035/8260B</b>		Prep Date: <b>2/19/2020</b>		Analyst: <b>CBG</b>
Acetone	ND	0.14		mg/Kg-dry	1	2/25/2020
Benzene	ND	0.0092		mg/Kg-dry	1	2/25/2020
Bromodichloromethane	ND	0.0092		mg/Kg-dry	1	2/25/2020
Bromoform	ND	0.0092		mg/Kg-dry	1	2/25/2020
Bromomethane	ND	0.018		mg/Kg-dry	1	2/25/2020
2-Butanone	ND	0.14		mg/Kg-dry	1	2/25/2020
Carbon disulfide	ND	0.092		mg/Kg-dry	1	2/25/2020
Carbon tetrachloride	ND	0.0092		mg/Kg-dry	1	2/25/2020
Chlorobenzene	ND	0.0092		mg/Kg-dry	1	2/25/2020
Chloroethane	ND	0.018		mg/Kg-dry	1	2/25/2020
Chloroform	ND	0.0092		mg/Kg-dry	1	2/25/2020
Chloromethane	ND	0.018		mg/Kg-dry	1	2/25/2020
Dibromochloromethane	ND	0.0092		mg/Kg-dry	1	2/25/2020
1,1-Dichloroethane	ND	0.0092		mg/Kg-dry	1	2/25/2020
1,2-Dichloroethane	ND	0.0092		mg/Kg-dry	1	2/25/2020
1,1-Dichloroethene	ND	0.0092		mg/Kg-dry	1	2/25/2020
cis-1,2-Dichloroethene	ND	0.0092		mg/Kg-dry	1	2/25/2020
trans-1,2-Dichloroethene	ND	0.0092		mg/Kg-dry	1	2/25/2020
1,2-Dichloropropane	ND	0.0092		mg/Kg-dry	1	2/25/2020
cis-1,3-Dichloropropene	ND	0.0037		mg/Kg-dry	1	2/25/2020
trans-1,3-Dichloropropene	ND	0.0037		mg/Kg-dry	1	2/25/2020
Ethylbenzene	ND	0.0092		mg/Kg-dry	1	2/25/2020
2-Hexanone	ND	0.037		mg/Kg-dry	1	2/25/2020
4-Methyl-2-pentanone	ND	0.037		mg/Kg-dry	1	2/25/2020
Methylene chloride	ND	0.018		mg/Kg-dry	1	2/25/2020
Methyl tert-butyl ether	ND	0.0092		mg/Kg-dry	1	2/25/2020
Styrene	ND	0.0092		mg/Kg-dry	1	2/25/2020
1,1,2,2-Tetrachloroethane	ND	0.0092		mg/Kg-dry	1	2/25/2020
Tetrachloroethene	ND	0.0092		mg/Kg-dry	1	2/25/2020
Toluene	ND	0.0092		mg/Kg-dry	1	2/25/2020
1,1,1-Trichloroethane	ND	0.0092		mg/Kg-dry	1	2/25/2020
1,1,2-Trichloroethane	ND	0.0092		mg/Kg-dry	1	2/25/2020
Trichloroethene	ND	0.0092		mg/Kg-dry	1	2/25/2020
Vinyl chloride	ND	0.0092		mg/Kg-dry	1	2/25/2020
Xylenes, Total	ND	0.028		mg/Kg-dry	1	2/25/2020
<b>Semivolatile Organic Compounds by GC/MS</b>		<b>SW8270D (SW3550B)</b>		Prep Date: <b>2/20/2020</b>		Analyst: <b>TEM</b>
Acenaphthene	ND	0.038		mg/Kg-dry	1	2/21/2020
Acenaphthylene	ND	0.038		mg/Kg-dry	1	2/21/2020

**Qualifiers:**  
 ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 HT - Sample received past holding time  
 \* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis  
 S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range  
 H - Holding time exceeded



**STAT Analysis Corporation**

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: March 12, 2020

Date Printed: March 12, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-9-02 (0-5)

Work Order: 20020495 Revision 0

Collection Date: 2/17/2020 9:25:00 AM

Project: 81.0220509.75, WO #37, Elk Grove

Matrix: Soil

Lab ID: 20020495-023

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Semivolatile Organic Compounds by GC/MS</b>	<b>SW8270D (SW3550B)</b>				Prep Date: 2/20/2020	Analyst: TEM
Aniline	ND	0.38		mg/Kg-dry	1	2/21/2020
Anthracene	ND	0.038		mg/Kg-dry	1	2/21/2020
Benz(a)anthracene	ND	0.038		mg/Kg-dry	1	2/21/2020
Benzidine	ND	0.38		mg/Kg-dry	1	2/21/2020
Benzo(a)pyrene	ND	0.038		mg/Kg-dry	1	2/21/2020
Benzo(b)fluoranthene	ND	0.038		mg/Kg-dry	1	2/21/2020
Benzo(g,h,i)perylene	ND	0.038		mg/Kg-dry	1	2/21/2020
Benzo(k)fluoranthene	ND	0.038		mg/Kg-dry	1	2/21/2020
Benzoic acid	ND	0.96		mg/Kg-dry	1	2/21/2020
Benzyl alcohol	ND	0.20		mg/Kg-dry	1	2/21/2020
Bis(2-chloroethoxy)methane	ND	0.20		mg/Kg-dry	1	2/21/2020
Bis(2-chloroethyl)ether	ND	0.20		mg/Kg-dry	1	2/21/2020
Bis(2-ethylhexyl)phthalate	ND	0.96		mg/Kg-dry	1	2/21/2020
4-Bromophenyl phenyl ether	ND	0.20		mg/Kg-dry	1	2/21/2020
Butyl benzyl phthalate	ND	0.20		mg/Kg-dry	1	2/21/2020
Carbazole	ND	0.20		mg/Kg-dry	1	2/21/2020
4-Chloroaniline	ND	0.20		mg/Kg-dry	1	2/21/2020
4-Chloro-3-methylphenol	ND	0.38		mg/Kg-dry	1	2/21/2020
2-Chloronaphthalene	ND	0.20		mg/Kg-dry	1	2/21/2020
2-Chlorophenol	ND	0.20		mg/Kg-dry	1	2/21/2020
4-Chlorophenyl phenyl ether	ND	0.20		mg/Kg-dry	1	2/21/2020
Chrysene	ND	0.038		mg/Kg-dry	1	2/21/2020
Dibenz(a,h)anthracene	ND	0.038		mg/Kg-dry	1	2/21/2020
Dibenzofuran	ND	0.20		mg/Kg-dry	1	2/21/2020
1,2-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	2/21/2020
1,3-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	2/21/2020
1,4-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	2/21/2020
3,3'-Dichlorobenzidine	ND	0.20		mg/Kg-dry	1	2/21/2020
2,4-Dichlorophenol	ND	0.20		mg/Kg-dry	1	2/21/2020
Diethyl phthalate	ND	0.20		mg/Kg-dry	1	2/21/2020
2,4-Dimethylphenol	ND	0.20		mg/Kg-dry	1	2/21/2020
Dimethyl phthalate	ND	0.20		mg/Kg-dry	1	2/21/2020
4,6-Dinitro-2-methylphenol	ND	0.38		mg/Kg-dry	1	2/21/2020
2,4-Dinitrophenol	ND	0.96		mg/Kg-dry	1	2/21/2020
2,4-Dinitrotoluene	ND	0.038		mg/Kg-dry	1	2/21/2020
2,6-Dinitrotoluene	ND	0.038		mg/Kg-dry	1	2/21/2020
Di-n-butyl phthalate	ND	0.20		mg/Kg-dry	1	2/21/2020
Di-n-octyl phthalate	ND	0.20		mg/Kg-dry	1	2/21/2020

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

**Qualifiers:**

J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded

**STAT Analysis Corporation**

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: March 12, 2020

Date Printed: March 12, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-9-02 (0-5)

Work Order: 20020495 Revision 0

Collection Date: 2/17/2020 9:25:00 AM

Project: 81.0220509.75, WO #37, Elk Grove

Matrix: Soil

Lab ID: 20020495-023

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Semivolatile Organic Compounds by GC/MS</b>		<b>SW8270D (SW3550B)</b>		Prep Date: <b>2/20/2020</b>		Analyst: <b>TEM</b>
Fluoranthene	ND	0.038		mg/Kg-dry	1	2/21/2020
Fluorene	ND	0.038		mg/Kg-dry	1	2/21/2020
Hexachlorobenzene	ND	0.20		mg/Kg-dry	1	2/21/2020
Hexachlorobutadiene	ND	0.20		mg/Kg-dry	1	2/21/2020
Hexachlorocyclopentadiene	ND	0.20		mg/Kg-dry	1	2/21/2020
Hexachloroethane	ND	0.20		mg/Kg-dry	1	2/21/2020
Indeno(1,2,3-cd)pyrene	ND	0.038		mg/Kg-dry	1	2/21/2020
Isophorone	ND	0.20		mg/Kg-dry	1	2/21/2020
2-Methylnaphthalene	ND	0.20		mg/Kg-dry	1	2/21/2020
2-Methylphenol	ND	0.20		mg/Kg-dry	1	2/21/2020
4-Methylphenol	ND	0.20		mg/Kg-dry	1	2/21/2020
Naphthalene	ND	0.038		mg/Kg-dry	1	2/21/2020
2-Nitroaniline	ND	0.20		mg/Kg-dry	1	2/21/2020
3-Nitroaniline	ND	0.20		mg/Kg-dry	1	2/21/2020
4-Nitroaniline	ND	0.20		mg/Kg-dry	1	2/21/2020
2-Nitrophenol	ND	0.20		mg/Kg-dry	1	2/21/2020
4-Nitrophenol	ND	0.38		mg/Kg-dry	1	2/21/2020
Nitrobenzene	ND	0.038		mg/Kg-dry	1	2/21/2020
N-Nitrosodi-n-propylamine	ND	0.038		mg/Kg-dry	1	2/21/2020
N-Nitrosodimethylamine	ND	0.20		mg/Kg-dry	1	2/21/2020
N-Nitrosodiphenylamine	ND	0.038		mg/Kg-dry	1	2/21/2020
2, 2'-oxybis(1-Chloropropane)	ND	0.20		mg/Kg-dry	1	2/21/2020
Pentachlorophenol	ND	0.038		mg/Kg-dry	1	2/21/2020
Phenanthrene	ND	0.038		mg/Kg-dry	1	2/21/2020
Phenol	ND	0.20		mg/Kg-dry	1	2/21/2020
Pyrene	ND	0.038		mg/Kg-dry	1	2/21/2020
Pyridine	ND	0.77		mg/Kg-dry	1	2/21/2020
1,2,4-Trichlorobenzene	ND	0.20		mg/Kg-dry	1	2/21/2020
2,4,5-Trichlorophenol	ND	0.20		mg/Kg-dry	1	2/21/2020
2,4,6-Trichlorophenol	ND	0.20		mg/Kg-dry	1	2/21/2020
<b>Metals by ICP/MS</b>		<b>SW6020A (SW3050B)</b>		Prep Date: <b>2/24/2020</b>		Analyst: <b>JG</b>
Antimony	ND	2.0		mg/Kg-dry	10	2/24/2020
Arsenic	10	1.0		mg/Kg-dry	10	2/24/2020
Barium	74	1.0		mg/Kg-dry	10	2/24/2020
Beryllium	0.83	0.50		mg/Kg-dry	10	2/24/2020
Cadmium	ND	0.50		mg/Kg-dry	10	2/24/2020
Calcium	38000	61		mg/Kg-dry	10	2/24/2020
Chromium	22	1.0		mg/Kg-dry	10	2/24/2020

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers: J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded

**STAT Analysis Corporation**

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: March 12, 2020

Date Printed: March 12, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-9-02 (0-5)

Work Order: 20020495 Revision 0

Collection Date: 2/17/2020 9:25:00 AM

Project: 81.0220509.75, WO #37, Elk Grove

Matrix: Soil

Lab ID: 20020495-023

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
----------	--------	----	-----------	-------	----	---------------

**Metals by ICP/MS****SW6020A (SW3050B)**

Prep Date: 2/24/2020

Analyst: JG

Cobalt	13	1.0		mg/Kg-dry	10	2/24/2020
Copper	25	2.5		mg/Kg-dry	10	2/24/2020
Iron	26000	30		mg/Kg-dry	10	2/24/2020
Lead	18	0.50		mg/Kg-dry	10	2/24/2020
Magnesium	23000	30		mg/Kg-dry	10	2/24/2020
Manganese	490	1.0		mg/Kg-dry	10	2/24/2020
Nickel	32	1.0		mg/Kg-dry	10	2/24/2020
Potassium	1900	30		mg/Kg-dry	10	2/24/2020
Selenium	ND	1.0		mg/Kg-dry	10	2/24/2020
Silver	ND	1.0		mg/Kg-dry	10	2/24/2020
Sodium	1600	61		mg/Kg-dry	10	2/24/2020
Thallium	ND	1.0		mg/Kg-dry	10	2/24/2020
Vanadium	29	1.0		mg/Kg-dry	10	2/24/2020
Zinc	55	5.0		mg/Kg-dry	10	2/24/2020

**SPLP Metals by ICP/MS****SW1312/6020A (SW3005A)**

Prep Date: 2/21/2020

Analyst: MDT

Arsenic	ND	0.0040		mg/L	2	2/22/2020
Barium	ND	0.020		mg/L	2	2/22/2020
Beryllium	ND	0.0020		mg/L	2	2/24/2020
Cadmium	ND	0.0020		mg/L	2	2/22/2020
Chromium	ND	0.0040		mg/L	2	2/22/2020
Cobalt	ND	0.0040		mg/L	2	2/22/2020
Copper	ND	0.040		mg/L	2	2/22/2020
Iron	0.83	0.10		mg/L	2	2/22/2020
Lead	ND	0.0020		mg/L	2	2/22/2020
Manganese	0.0070	0.0040		mg/L	2	2/22/2020
Nickel	ND	0.0040		mg/L	2	2/22/2020
Selenium	ND	0.0040		mg/L	2	2/22/2020
Silver	ND	0.0040		mg/L	2	2/22/2020
Zinc	ND	0.020		mg/L	2	2/22/2020

**TCLP Metals by ICP/MS****SW1311/6020A (SW3005A)**

Prep Date: 2/24/2020

Analyst: MDT

Arsenic	ND	0.010		mg/L	5	2/24/2020
Barium	0.57	0.050		mg/L	5	2/24/2020
Beryllium	ND	0.0050		mg/L	5	2/25/2020
Cadmium	ND	0.0050		mg/L	5	2/24/2020
Chromium	ND	0.010		mg/L	5	2/24/2020
Cobalt	0.020	0.010		mg/L	5	2/24/2020
Copper	ND	0.10		mg/L	5	2/24/2020

**Qualifiers:**  
 ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 HT - Sample received past holding time  
 \* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis  
 S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range  
 H - Holding time exceeded

**STAT Analysis Corporation**

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: March 12, 2020

Date Printed: March 12, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Work Order: 20020495 Revision 0

Project: 81.0220509.75, WO #37, Elk Grove

Lab ID: 20020495-023

Client Sample ID: 2360V2-9-02 (0-5)

Collection Date: 2/17/2020 9:25:00 AM

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>TCLP Metals by ICP/MS</b>	<b>SW1311/6020A (SW3005A)</b>		Prep Date: <b>2/24/2020</b>		Analyst: <b>MDT</b>	
Iron	ND	0.25		mg/L	5	2/24/2020
Lead	ND	0.0050		mg/L	5	2/24/2020
Manganese	6.7	0.010		mg/L	5	2/24/2020
Nickel	0.011	0.010		mg/L	5	2/24/2020
Selenium	ND	0.010		mg/L	5	2/24/2020
Silver	ND	0.010		mg/L	5	2/24/2020
Zinc	ND	0.050		mg/L	5	2/24/2020
<b>TCLP Mercury</b>	<b>SW1311/7470A</b>		Prep Date: <b>2/28/2020</b>		Analyst: <b>LB</b>	
Mercury	ND	0.00020		mg/L	1	3/2/2020
<b>SPLP Mercury</b>	<b>SW1312/7470A</b>		Prep Date: <b>2/28/2020</b>		Analyst: <b>LB</b>	
Mercury	ND	0.00020		mg/L	1	3/2/2020
<b>Mercury</b>	<b>SW7471B</b>		Prep Date: <b>3/10/2020</b>		Analyst: <b>LB</b>	
Mercury	0.027	0.021		mg/Kg-dry	1	3/11/2020
<b>pH (25 °C)</b>	<b>SW9045C</b>		Prep Date: <b>2/25/2020</b>		Analyst: <b>FN</b>	
pH	8.11			pH Units	1	2/25/2020
<b>Percent Moisture</b>	<b>D2974</b>		Prep Date: <b>2/19/2020</b>		Analyst: <b>FN</b>	
Percent Moisture	15.3	0.2	*	wt%	1	2/20/2020

**Qualifiers:**  
 ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 HT - Sample received past holding time  
 \* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis  
 S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range  
 H - Holding time exceeded

**STAT Analysis Corporation**

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: March 12, 2020

Date Printed: March 12, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-9-02 (5-11)

Work Order: 20020495 Revision 0

Collection Date: 2/17/2020 9:30:00 AM

Project: 81.0220509.75, WO #37, Elk Grove

Matrix: Soil

Lab ID: 20020495-024

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Volatile Organic Compounds by GC/MS</b>		<b>SW5035/8260B</b>		Prep Date: <b>2/19/2020</b>		Analyst: <b>JDT</b>
Acetone	ND	0.084		mg/Kg-dry	1	2/25/2020
Benzene	ND	0.0056		mg/Kg-dry	1	2/25/2020
Bromodichloromethane	ND	0.0056		mg/Kg-dry	1	2/25/2020
Bromoform	ND	0.0056		mg/Kg-dry	1	2/25/2020
Bromomethane	ND	0.011		mg/Kg-dry	1	2/25/2020
2-Butanone	ND	0.084		mg/Kg-dry	1	2/25/2020
Carbon disulfide	ND	0.056		mg/Kg-dry	1	2/25/2020
Carbon tetrachloride	ND	0.0056		mg/Kg-dry	1	2/25/2020
Chlorobenzene	ND	0.0056		mg/Kg-dry	1	2/25/2020
Chloroethane	ND	0.011		mg/Kg-dry	1	2/25/2020
Chloroform	ND	0.0056		mg/Kg-dry	1	2/25/2020
Chloromethane	ND	0.011		mg/Kg-dry	1	2/25/2020
Dibromochloromethane	ND	0.0056		mg/Kg-dry	1	2/25/2020
1,1-Dichloroethane	ND	0.0056		mg/Kg-dry	1	2/25/2020
1,2-Dichloroethane	ND	0.0056		mg/Kg-dry	1	2/25/2020
1,1-Dichloroethene	ND	0.0056		mg/Kg-dry	1	2/25/2020
cis-1,2-Dichloroethene	ND	0.0056		mg/Kg-dry	1	2/25/2020
trans-1,2-Dichloroethene	ND	0.0056		mg/Kg-dry	1	2/25/2020
1,2-Dichloropropane	ND	0.0056		mg/Kg-dry	1	2/25/2020
cis-1,3-Dichloropropene	ND	0.0022		mg/Kg-dry	1	2/25/2020
trans-1,3-Dichloropropene	ND	0.0022		mg/Kg-dry	1	2/25/2020
Ethylbenzene	ND	0.0056		mg/Kg-dry	1	2/25/2020
2-Hexanone	ND	0.022		mg/Kg-dry	1	2/25/2020
4-Methyl-2-pentanone	ND	0.022		mg/Kg-dry	1	2/25/2020
Methylene chloride	ND	0.011		mg/Kg-dry	1	2/25/2020
Methyl tert-butyl ether	ND	0.0056		mg/Kg-dry	1	2/25/2020
Styrene	ND	0.0056		mg/Kg-dry	1	2/25/2020
1,1,2,2-Tetrachloroethane	ND	0.0056		mg/Kg-dry	1	2/25/2020
Tetrachloroethene	ND	0.0056		mg/Kg-dry	1	2/25/2020
Toluene	ND	0.0056		mg/Kg-dry	1	2/25/2020
1,1,1-Trichloroethane	ND	0.0056		mg/Kg-dry	1	2/25/2020
1,1,2-Trichloroethane	ND	0.0056		mg/Kg-dry	1	2/25/2020
Trichloroethene	ND	0.0056		mg/Kg-dry	1	2/25/2020
Vinyl chloride	ND	0.0056		mg/Kg-dry	1	2/25/2020
Xylenes, Total	ND	0.017		mg/Kg-dry	1	2/25/2020
<b>Semivolatile Organic Compounds by GC/MS</b>		<b>SW8270D (SW3550B)</b>		Prep Date: <b>2/20/2020</b>		Analyst: <b>TEM</b>
Acenaphthene	ND	0.038		mg/Kg-dry	1	2/21/2020
Acenaphthylene	ND	0.038		mg/Kg-dry	1	2/21/2020

**Qualifiers:**  
 ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 HT - Sample received past holding time  
 \* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis  
 S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range  
 H - Holding time exceeded

**STAT Analysis Corporation**

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: March 12, 2020

Date Printed: March 12, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-9-02 (5-11)

Work Order: 20020495 Revision 0

Collection Date: 2/17/2020 9:30:00 AM

Project: 81.0220509.75, WO #37, Elk Grove

Matrix: Soil

Lab ID: 20020495-024

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Semivolatile Organic Compounds by GC/MS</b>	<b>SW8270D (SW3550B)</b>				Prep Date: 2/20/2020	Analyst: TEM
Aniline	ND	0.39		mg/Kg-dry	1	2/21/2020
Anthracene	ND	0.038		mg/Kg-dry	1	2/21/2020
Benz(a)anthracene	ND	0.038		mg/Kg-dry	1	2/21/2020
Benzidine	ND	0.38		mg/Kg-dry	1	2/21/2020
Benzo(a)pyrene	ND	0.038		mg/Kg-dry	1	2/21/2020
Benzo(b)fluoranthene	ND	0.038		mg/Kg-dry	1	2/21/2020
Benzo(g,h,i)perylene	ND	0.038		mg/Kg-dry	1	2/21/2020
Benzo(k)fluoranthene	ND	0.038		mg/Kg-dry	1	2/21/2020
Benzoic acid	ND	0.96		mg/Kg-dry	1	2/21/2020
Benzyl alcohol	ND	0.20		mg/Kg-dry	1	2/21/2020
Bis(2-chloroethoxy)methane	ND	0.20		mg/Kg-dry	1	2/21/2020
Bis(2-chloroethyl)ether	ND	0.20		mg/Kg-dry	1	2/21/2020
Bis(2-ethylhexyl)phthalate	ND	0.96		mg/Kg-dry	1	2/21/2020
4-Bromophenyl phenyl ether	ND	0.20		mg/Kg-dry	1	2/21/2020
Butyl benzyl phthalate	ND	0.20		mg/Kg-dry	1	2/21/2020
Carbazole	ND	0.20		mg/Kg-dry	1	2/21/2020
4-Chloroaniline	ND	0.20		mg/Kg-dry	1	2/21/2020
4-Chloro-3-methylphenol	ND	0.38		mg/Kg-dry	1	2/21/2020
2-Chloronaphthalene	ND	0.20		mg/Kg-dry	1	2/21/2020
2-Chlorophenol	ND	0.20		mg/Kg-dry	1	2/21/2020
4-Chlorophenyl phenyl ether	ND	0.20		mg/Kg-dry	1	2/21/2020
Chrysene	ND	0.038		mg/Kg-dry	1	2/21/2020
Dibenz(a,h)anthracene	ND	0.038		mg/Kg-dry	1	2/21/2020
Dibenzofuran	ND	0.20		mg/Kg-dry	1	2/21/2020
1,2-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	2/21/2020
1,3-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	2/21/2020
1,4-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	2/21/2020
3,3'-Dichlorobenzidine	ND	0.20		mg/Kg-dry	1	2/21/2020
2,4-Dichlorophenol	ND	0.20		mg/Kg-dry	1	2/21/2020
Diethyl phthalate	ND	0.20		mg/Kg-dry	1	2/21/2020
2,4-Dimethylphenol	ND	0.20		mg/Kg-dry	1	2/21/2020
Dimethyl phthalate	ND	0.20		mg/Kg-dry	1	2/21/2020
4,6-Dinitro-2-methylphenol	ND	0.38		mg/Kg-dry	1	2/21/2020
2,4-Dinitrophenol	ND	0.96		mg/Kg-dry	1	2/21/2020
2,4-Dinitrotoluene	ND	0.038		mg/Kg-dry	1	2/21/2020
2,6-Dinitrotoluene	ND	0.038		mg/Kg-dry	1	2/21/2020
Di-n-butyl phthalate	ND	0.20		mg/Kg-dry	1	2/21/2020
Di-n-octyl phthalate	ND	0.20		mg/Kg-dry	1	2/21/2020

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers: J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded

**STAT Analysis Corporation**

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: March 12, 2020

Date Printed: March 12, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-9-02 (5-11)

Work Order: 20020495 Revision 0

Collection Date: 2/17/2020 9:30:00 AM

Project: 81.0220509.75, WO #37, Elk Grove

Matrix: Soil

Lab ID: 20020495-024

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Semivolatile Organic Compounds by GC/MS</b>		<b>SW8270D (SW3550B)</b>		Prep Date: 2/20/2020		Analyst: TEM
Fluoranthene	ND	0.038		mg/Kg-dry	1	2/21/2020
Fluorene	ND	0.038		mg/Kg-dry	1	2/21/2020
Hexachlorobenzene	ND	0.20		mg/Kg-dry	1	2/21/2020
Hexachlorobutadiene	ND	0.20		mg/Kg-dry	1	2/21/2020
Hexachlorocyclopentadiene	ND	0.20		mg/Kg-dry	1	2/21/2020
Hexachloroethane	ND	0.20		mg/Kg-dry	1	2/21/2020
Indeno(1,2,3-cd)pyrene	ND	0.038		mg/Kg-dry	1	2/21/2020
Isophorone	ND	0.20		mg/Kg-dry	1	2/21/2020
2-Methylnaphthalene	ND	0.20		mg/Kg-dry	1	2/21/2020
2-Methylphenol	ND	0.20		mg/Kg-dry	1	2/21/2020
4-Methylphenol	ND	0.20		mg/Kg-dry	1	2/21/2020
Naphthalene	ND	0.038		mg/Kg-dry	1	2/21/2020
2-Nitroaniline	ND	0.20		mg/Kg-dry	1	2/21/2020
3-Nitroaniline	ND	0.20		mg/Kg-dry	1	2/21/2020
4-Nitroaniline	ND	0.20		mg/Kg-dry	1	2/21/2020
2-Nitrophenol	ND	0.20		mg/Kg-dry	1	2/21/2020
4-Nitrophenol	ND	0.38		mg/Kg-dry	1	2/21/2020
Nitrobenzene	ND	0.038		mg/Kg-dry	1	2/21/2020
N-Nitrosodi-n-propylamine	ND	0.038		mg/Kg-dry	1	2/21/2020
N-Nitrosodimethylamine	ND	0.20		mg/Kg-dry	1	2/21/2020
N-Nitrosodiphenylamine	ND	0.038		mg/Kg-dry	1	2/21/2020
2, 2'-oxybis(1-Chloropropane)	ND	0.20		mg/Kg-dry	1	2/21/2020
Pentachlorophenol	ND	0.038		mg/Kg-dry	1	2/21/2020
Phenanthrene	ND	0.038		mg/Kg-dry	1	2/21/2020
Phenol	ND	0.20		mg/Kg-dry	1	2/21/2020
Pyrene	ND	0.038		mg/Kg-dry	1	2/21/2020
Pyridine	ND	0.78		mg/Kg-dry	1	2/21/2020
1,2,4-Trichlorobenzene	ND	0.20		mg/Kg-dry	1	2/21/2020
2,4,5-Trichlorophenol	ND	0.20		mg/Kg-dry	1	2/21/2020
2,4,6-Trichlorophenol	ND	0.20		mg/Kg-dry	1	2/21/2020
<b>Metals by ICP/MS</b>		<b>SW6020A (SW3050B)</b>		Prep Date: 2/24/2020		Analyst: JG
Antimony	ND	2.0		mg/Kg-dry	10	2/24/2020
Arsenic	7.6	0.98		mg/Kg-dry	10	2/24/2020
Barium	48	0.98		mg/Kg-dry	10	2/24/2020
Beryllium	0.63	0.49		mg/Kg-dry	10	2/24/2020
Cadmium	ND	0.49		mg/Kg-dry	10	2/24/2020
Calcium	75000	59		mg/Kg-dry	10	2/24/2020
Chromium	19	0.98		mg/Kg-dry	10	2/24/2020

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers: J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded

**STAT Analysis Corporation**

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: March 12, 2020

Date Printed: March 12, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-9-02 (5-11)

Work Order: 20020495 Revision 0

Collection Date: 2/17/2020 9:30:00 AM

Project: 81.0220509.75, WO #37, Elk Grove

Matrix: Soil

Lab ID: 20020495-024

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
----------	--------	----	-----------	-------	----	---------------

**Metals by ICP/MS****SW6020A (SW3050B)**

Prep Date: 2/24/2020

Analyst: JG

Cobalt	9.1	0.98		mg/Kg-dry	10	2/24/2020
Copper	20	2.4		mg/Kg-dry	10	2/24/2020
Iron	21000	29		mg/Kg-dry	10	2/24/2020
Lead	12	0.49		mg/Kg-dry	10	2/24/2020
Magnesium	36000	29		mg/Kg-dry	10	2/24/2020
Manganese	430	0.98		mg/Kg-dry	10	2/24/2020
Nickel	26	0.98		mg/Kg-dry	10	2/24/2020
Potassium	2600	29		mg/Kg-dry	10	2/24/2020
Selenium	ND	0.98		mg/Kg-dry	10	2/24/2020
Silver	ND	0.98		mg/Kg-dry	10	2/24/2020
Sodium	550	59		mg/Kg-dry	10	2/24/2020
Thallium	ND	0.98		mg/Kg-dry	10	2/24/2020
Vanadium	23	0.98		mg/Kg-dry	10	2/24/2020
Zinc	52	4.9		mg/Kg-dry	10	2/24/2020

**SPLP Metals by ICP/MS****SW1312/6020A (SW3005A)**

Prep Date: 2/21/2020

Analyst: MDT

Arsenic	ND	0.0040		mg/L	2	2/22/2020
Barium	ND	0.020		mg/L	2	2/22/2020
Beryllium	ND	0.0020		mg/L	2	2/24/2020
Cadmium	ND	0.0020		mg/L	2	2/22/2020
Chromium	ND	0.0040		mg/L	2	2/22/2020
Cobalt	ND	0.0040		mg/L	2	2/22/2020
Copper	ND	0.040		mg/L	2	2/22/2020
Iron	1.4	0.10		mg/L	2	2/22/2020
Lead	0.0021	0.0020		mg/L	2	2/22/2020
Manganese	0.018	0.0040		mg/L	2	2/22/2020
Nickel	ND	0.0040		mg/L	2	2/22/2020
Selenium	ND	0.0040		mg/L	2	2/22/2020
Silver	ND	0.0040		mg/L	2	2/22/2020
Zinc	ND	0.020		mg/L	2	2/22/2020

**TCLP Metals by ICP/MS****SW1311/6020A (SW3005A)**

Prep Date: 2/24/2020

Analyst: MDT

Arsenic	ND	0.010		mg/L	5	2/24/2020
Barium	0.24	0.050		mg/L	5	2/24/2020
Beryllium	ND	0.0050		mg/L	5	2/24/2020
Cadmium	ND	0.0050		mg/L	5	2/24/2020
Chromium	ND	0.010		mg/L	5	2/24/2020
Cobalt	0.022	0.010		mg/L	5	2/24/2020
Copper	ND	0.10		mg/L	5	2/24/2020

**Qualifiers:**

ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 HT - Sample received past holding time  
 \* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis  
 S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range  
 H - Holding time exceeded



**STAT Analysis Corporation**

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: March 12, 2020

Date Printed: March 12, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Work Order: 20020495 Revision 0

Project: 81.0220509.75, WO #37, Elk Grove

Lab ID: 20020495-024

Client Sample ID: 2360V2-9-02 (5-11)

Collection Date: 2/17/2020 9:30:00 AM

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>TCLP Metals by ICP/MS</b>	<b>SW1311/6020A (SW3005A)</b>		Prep Date: <b>2/24/2020</b>		Analyst: <b>MDT</b>	
Iron	ND	0.25		mg/L	5	2/24/2020
Lead	ND	0.0050		mg/L	5	2/24/2020
Manganese	2.8	0.010		mg/L	5	2/24/2020
Nickel	ND	0.010		mg/L	5	2/24/2020
Selenium	ND	0.010		mg/L	5	2/24/2020
Silver	ND	0.010		mg/L	5	2/24/2020
Zinc	ND	0.050		mg/L	5	2/24/2020
<b>TCLP Mercury</b>	<b>SW1311/7470A</b>		Prep Date: <b>2/28/2020</b>		Analyst: <b>LB</b>	
Mercury	ND	0.00020		mg/L	1	3/2/2020
<b>SPLP Mercury</b>	<b>SW1312/7470A</b>		Prep Date: <b>2/28/2020</b>		Analyst: <b>LB</b>	
Mercury	ND	0.00020		mg/L	1	3/2/2020
<b>Mercury</b>	<b>SW7471B</b>		Prep Date: <b>3/10/2020</b>		Analyst: <b>LB</b>	
Mercury	0.020	0.018		mg/Kg-dry	1	3/11/2020
<b>pH (25 °C)</b>	<b>SW9045C</b>		Prep Date: <b>2/25/2020</b>		Analyst: <b>FN</b>	
pH	8.51			pH Units	1	2/25/2020
<b>Percent Moisture</b>	<b>D2974</b>		Prep Date: <b>2/19/2020</b>		Analyst: <b>FN</b>	
Percent Moisture	14.4	0.2	*	wt%	1	2/20/2020

**Qualifiers:**

ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 HT - Sample received past holding time  
 \* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis  
 S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range  
 H - Holding time exceeded

**STAT Analysis Corporation**

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: March 12, 2020

Date Printed: March 12, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-16-02 (0-1.5)

Work Order: 20020495 Revision 0

Collection Date: 2/17/2020 1:33:00 PM

Project: 81.0220509.75, WO #37, Elk Grove

Matrix: Soil

Lab ID: 20020495-029

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
----------	--------	----	-----------	-------	----	---------------

Volatile Organic Compounds by GC/MS	SW5035/8260B		Prep Date: 2/19/2020		Analyst: JDT	
Acetone	ND	0.10		mg/Kg-dry	1	2/26/2020
Benzene	ND	0.0067		mg/Kg-dry	1	2/26/2020
Bromodichloromethane	ND	0.0067		mg/Kg-dry	1	2/26/2020
Bromoform	ND	0.0067		mg/Kg-dry	1	2/26/2020
Bromomethane	ND	0.013		mg/Kg-dry	1	2/26/2020
2-Butanone	ND	0.10		mg/Kg-dry	1	2/26/2020
Carbon disulfide	ND	0.067		mg/Kg-dry	1	2/26/2020
Carbon tetrachloride	ND	0.0067		mg/Kg-dry	1	2/26/2020
Chlorobenzene	ND	0.0067		mg/Kg-dry	1	2/26/2020
Chloroethane	ND	0.013		mg/Kg-dry	1	2/26/2020
Chloroform	ND	0.0067		mg/Kg-dry	1	2/26/2020
Chloromethane	ND	0.013		mg/Kg-dry	1	2/26/2020
Dibromochloromethane	ND	0.0067		mg/Kg-dry	1	2/26/2020
1,1-Dichloroethane	ND	0.0067		mg/Kg-dry	1	2/26/2020
1,2-Dichloroethane	ND	0.0067		mg/Kg-dry	1	2/26/2020
1,1-Dichloroethene	ND	0.0067		mg/Kg-dry	1	2/26/2020
cis-1,2-Dichloroethene	ND	0.0067		mg/Kg-dry	1	2/26/2020
trans-1,2-Dichloroethene	ND	0.0067		mg/Kg-dry	1	2/26/2020
1,2-Dichloropropane	ND	0.0067		mg/Kg-dry	1	2/26/2020
cis-1,3-Dichloropropene	ND	0.0027		mg/Kg-dry	1	2/26/2020
trans-1,3-Dichloropropene	ND	0.0027		mg/Kg-dry	1	2/26/2020
Ethylbenzene	ND	0.0067		mg/Kg-dry	1	2/26/2020
2-Hexanone	ND	0.027		mg/Kg-dry	1	2/26/2020
4-Methyl-2-pentanone	ND	0.027		mg/Kg-dry	1	2/26/2020
Methylene chloride	ND	0.013		mg/Kg-dry	1	2/26/2020
Methyl tert-butyl ether	ND	0.0067		mg/Kg-dry	1	2/26/2020
Styrene	ND	0.0067		mg/Kg-dry	1	2/26/2020
1,1,2,2-Tetrachloroethane	ND	0.0067		mg/Kg-dry	1	2/26/2020
Tetrachloroethene	ND	0.0067		mg/Kg-dry	1	2/26/2020
Toluene	ND	0.0067		mg/Kg-dry	1	2/26/2020
1,1,1-Trichloroethane	ND	0.0067		mg/Kg-dry	1	2/26/2020
1,1,2-Trichloroethane	ND	0.0067		mg/Kg-dry	1	2/26/2020
Trichloroethene	ND	0.0067		mg/Kg-dry	1	2/26/2020
Vinyl chloride	ND	0.0067		mg/Kg-dry	1	2/26/2020
Xylenes, Total	ND	0.020		mg/Kg-dry	1	2/26/2020

Semivolatile Organic Compounds by GC/MS	SW8270D (SW3550B)		Prep Date: 2/20/2020		Analyst: TEM	
Acenaphthene	ND	0.042		mg/Kg-dry	1	2/21/2020
Acenaphthylene	ND	0.042		mg/Kg-dry	1	2/21/2020

**Qualifiers:** ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 HT - Sample received past holding time  
 \* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis  
 S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range  
 H - Holding time exceeded

**STAT Analysis Corporation**

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: March 12, 2020

Date Printed: March 12, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-16-02 (0-1.5)

Work Order: 20020495 Revision 0

Collection Date: 2/17/2020 1:33:00 PM

Project: 81.0220509.75, WO #37, Elk Grove

Matrix: Soil

Lab ID: 20020495-029

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Semivolatile Organic Compounds by GC/MS</b>	<b>SW8270D (SW3550B)</b>				Prep Date: 2/20/2020	Analyst: TEM
Aniline	ND	0.42		mg/Kg-dry	1	2/21/2020
Anthracene	ND	0.042		mg/Kg-dry	1	2/21/2020
Benz(a)anthracene	ND	0.042		mg/Kg-dry	1	2/21/2020
Benzidine	ND	0.42		mg/Kg-dry	1	2/21/2020
Benzo(a)pyrene	ND	0.042		mg/Kg-dry	1	2/21/2020
Benzo(b)fluoranthene	ND	0.042		mg/Kg-dry	1	2/21/2020
Benzo(g,h,i)perylene	ND	0.042		mg/Kg-dry	1	2/21/2020
Benzo(k)fluoranthene	ND	0.042		mg/Kg-dry	1	2/21/2020
Benzoic acid	ND	1.0		mg/Kg-dry	1	2/21/2020
Benzyl alcohol	ND	0.21		mg/Kg-dry	1	2/21/2020
Bis(2-chloroethoxy)methane	ND	0.21		mg/Kg-dry	1	2/21/2020
Bis(2-chloroethyl)ether	ND	0.21		mg/Kg-dry	1	2/21/2020
Bis(2-ethylhexyl)phthalate	ND	1.0		mg/Kg-dry	1	2/21/2020
4-Bromophenyl phenyl ether	ND	0.21		mg/Kg-dry	1	2/21/2020
Butyl benzyl phthalate	ND	0.21		mg/Kg-dry	1	2/21/2020
Carbazole	ND	0.21		mg/Kg-dry	1	2/21/2020
4-Chloroaniline	ND	0.21		mg/Kg-dry	1	2/21/2020
4-Chloro-3-methylphenol	ND	0.42		mg/Kg-dry	1	2/21/2020
2-Chloronaphthalene	ND	0.21		mg/Kg-dry	1	2/21/2020
2-Chlorophenol	ND	0.21		mg/Kg-dry	1	2/21/2020
4-Chlorophenyl phenyl ether	ND	0.21		mg/Kg-dry	1	2/21/2020
Chrysene	ND	0.042		mg/Kg-dry	1	2/21/2020
Dibenz(a,h)anthracene	ND	0.042		mg/Kg-dry	1	2/21/2020
Dibenzofuran	ND	0.21		mg/Kg-dry	1	2/21/2020
1,2-Dichlorobenzene	ND	0.21		mg/Kg-dry	1	2/21/2020
1,3-Dichlorobenzene	ND	0.21		mg/Kg-dry	1	2/21/2020
1,4-Dichlorobenzene	ND	0.21		mg/Kg-dry	1	2/21/2020
3,3'-Dichlorobenzidine	ND	0.21		mg/Kg-dry	1	2/21/2020
2,4-Dichlorophenol	ND	0.21		mg/Kg-dry	1	2/21/2020
Diethyl phthalate	ND	0.21		mg/Kg-dry	1	2/21/2020
2,4-Dimethylphenol	ND	0.21		mg/Kg-dry	1	2/21/2020
Dimethyl phthalate	ND	0.21		mg/Kg-dry	1	2/21/2020
4,6-Dinitro-2-methylphenol	ND	0.42		mg/Kg-dry	1	2/21/2020
2,4-Dinitrophenol	ND	1.0		mg/Kg-dry	1	2/21/2020
2,4-Dinitrotoluene	ND	0.042		mg/Kg-dry	1	2/21/2020
2,6-Dinitrotoluene	ND	0.042		mg/Kg-dry	1	2/21/2020
Di-n-butyl phthalate	ND	0.21		mg/Kg-dry	1	2/21/2020
Di-n-octyl phthalate	ND	0.21		mg/Kg-dry	1	2/21/2020

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers: J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded

**STAT Analysis Corporation**

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: March 12, 2020

Date Printed: March 12, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-16-02 (0-1.5)

Work Order: 20020495 Revision 0

Collection Date: 2/17/2020 1:33:00 PM

Project: 81.0220509.75, WO #37, Elk Grove

Matrix: Soil

Lab ID: 20020495-029

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Semivolatile Organic Compounds by GC/MS</b>						
	<b>SW8270D (SW3550B)</b>		Prep Date: <b>2/20/2020</b>		Analyst: <b>TEM</b>	
Fluoranthene	ND	0.042		mg/Kg-dry	1	2/21/2020
Fluorene	ND	0.042		mg/Kg-dry	1	2/21/2020
Hexachlorobenzene	ND	0.21		mg/Kg-dry	1	2/21/2020
Hexachlorobutadiene	ND	0.21		mg/Kg-dry	1	2/21/2020
Hexachlorocyclopentadiene	ND	0.21		mg/Kg-dry	1	2/21/2020
Hexachloroethane	ND	0.21		mg/Kg-dry	1	2/21/2020
Indeno(1,2,3-cd)pyrene	ND	0.042		mg/Kg-dry	1	2/21/2020
Isophorone	ND	0.21		mg/Kg-dry	1	2/21/2020
2-Methylnaphthalene	ND	0.21		mg/Kg-dry	1	2/21/2020
2-Methylphenol	ND	0.21		mg/Kg-dry	1	2/21/2020
4-Methylphenol	ND	0.21		mg/Kg-dry	1	2/21/2020
Naphthalene	ND	0.042		mg/Kg-dry	1	2/21/2020
2-Nitroaniline	ND	0.21		mg/Kg-dry	1	2/21/2020
3-Nitroaniline	ND	0.21		mg/Kg-dry	1	2/21/2020
4-Nitroaniline	ND	0.21		mg/Kg-dry	1	2/21/2020
2-Nitrophenol	ND	0.21		mg/Kg-dry	1	2/21/2020
4-Nitrophenol	ND	0.42		mg/Kg-dry	1	2/21/2020
Nitrobenzene	ND	0.042		mg/Kg-dry	1	2/21/2020
N-Nitrosodi-n-propylamine	ND	0.042		mg/Kg-dry	1	2/21/2020
N-Nitrosodimethylamine	ND	0.21		mg/Kg-dry	1	2/21/2020
N-Nitrosodiphenylamine	ND	0.042		mg/Kg-dry	1	2/21/2020
2, 2'-oxybis(1-Chloropropane)	ND	0.21		mg/Kg-dry	1	2/21/2020
Pentachlorophenol	ND	0.042		mg/Kg-dry	1	2/21/2020
Phenanthrene	ND	0.042		mg/Kg-dry	1	2/21/2020
Phenol	ND	0.21		mg/Kg-dry	1	2/21/2020
Pyrene	ND	0.042		mg/Kg-dry	1	2/21/2020
Pyridine	ND	0.84		mg/Kg-dry	1	2/21/2020
1,2,4-Trichlorobenzene	ND	0.21		mg/Kg-dry	1	2/21/2020
2,4,5-Trichlorophenol	ND	0.21		mg/Kg-dry	1	2/21/2020
2,4,6-Trichlorophenol	ND	0.21		mg/Kg-dry	1	2/21/2020
<b>Metals by ICP/MS</b>						
	<b>SW6020A (SW3050B)</b>		Prep Date: <b>2/24/2020</b>		Analyst: <b>JG</b>	
Antimony	ND	2.2		mg/Kg-dry	10	2/24/2020
Arsenic	7.0	1.1		mg/Kg-dry	10	2/24/2020
Barium	120	1.1		mg/Kg-dry	10	2/24/2020
Beryllium	1.0	0.55		mg/Kg-dry	10	2/24/2020
Cadmium	0.71	0.55		mg/Kg-dry	10	2/24/2020
Calcium	6400	66		mg/Kg-dry	10	2/24/2020
Chromium	24	1.1		mg/Kg-dry	10	2/24/2020

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers: J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded

**STAT Analysis Corporation**

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: March 12, 2020

Date Printed: March 12, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-16-02 (0-1.5)

Work Order: 20020495 Revision 0

Collection Date: 2/17/2020 1:33:00 PM

Project: 81.0220509.75, WO #37, Elk Grove

Matrix: Soil

Lab ID: 20020495-029

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
----------	--------	----	-----------	-------	----	---------------

**Metals by ICP/MS****SW6020A (SW3050B)**

Prep Date: 2/24/2020

Analyst: JG

Cobalt	10	1.1		mg/Kg-dry	10	2/24/2020
Copper	26	2.7		mg/Kg-dry	10	2/24/2020
Iron	22000	33		mg/Kg-dry	10	2/24/2020
Lead	30	0.55		mg/Kg-dry	10	2/24/2020
Magnesium	5200	33		mg/Kg-dry	10	2/24/2020
Manganese	340	1.1		mg/Kg-dry	10	2/24/2020
Nickel	26	1.1		mg/Kg-dry	10	2/24/2020
Potassium	2100	33		mg/Kg-dry	10	2/24/2020
Selenium	1.3	1.1		mg/Kg-dry	10	2/24/2020
Silver	ND	1.1		mg/Kg-dry	10	2/24/2020
Sodium	4800	66		mg/Kg-dry	10	2/24/2020
Thallium	ND	1.1		mg/Kg-dry	10	2/24/2020
Vanadium	36	1.1		mg/Kg-dry	10	2/24/2020
Zinc	71	5.5		mg/Kg-dry	10	2/24/2020

**SPLP Metals by ICP/MS****SW1312/6020A (SW3005A)**

Prep Date: 2/21/2020

Analyst: MDT

Arsenic	0.0057	0.0040		mg/L	2	2/22/2020
Barium	0.041	0.020		mg/L	2	2/22/2020
Beryllium	ND	0.0020		mg/L	2	2/24/2020
Cadmium	ND	0.0020		mg/L	2	2/22/2020
Chromium	0.013	0.0040		mg/L	2	2/22/2020
Cobalt	ND	0.0040		mg/L	2	2/22/2020
Copper	0.073	0.040		mg/L	2	2/22/2020
Iron	4.4	0.10		mg/L	2	2/22/2020
Lead	0.012	0.0020		mg/L	2	2/22/2020
Manganese	0.075	0.0040		mg/L	2	2/22/2020
Nickel	0.012	0.0040		mg/L	2	2/22/2020
Selenium	ND	0.0040		mg/L	2	2/22/2020
Silver	ND	0.0040		mg/L	2	2/22/2020
Zinc	0.064	0.020		mg/L	2	2/22/2020

**TCLP Metals by ICP/MS****SW1311/6020A (SW3005A)**

Prep Date: 2/24/2020

Analyst: MDT

Arsenic	ND	0.010		mg/L	5	2/25/2020
Barium	0.36	0.050		mg/L	5	2/25/2020
Beryllium	ND	0.0050		mg/L	5	2/25/2020
Cadmium	ND	0.0050		mg/L	5	2/25/2020
Chromium	ND	0.010		mg/L	5	2/25/2020
Cobalt	0.025	0.010		mg/L	5	2/25/2020
Copper	ND	0.10		mg/L	5	2/25/2020

**Qualifiers:**  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 HT - Sample received past holding time  
 \* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis  
 S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range  
 H - Holding time exceeded

**STAT Analysis Corporation**

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: March 12, 2020

Date Printed: March 12, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Work Order: 20020495 Revision 0

Project: 81.0220509.75, WO #37, Elk Grove

Lab ID: 20020495-029

Client Sample ID: 2360V2-16-02 (0-1.5)

Collection Date: 2/17/2020 1:33:00 PM

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>TCLP Metals by ICP/MS</b>	<b>SW1311/6020A (SW3005A)</b>		Prep Date: <b>2/24/2020</b>		Analyst: <b>MDT</b>	
Iron	0.53	0.25		mg/L	5	2/25/2020
Lead	0.0059	0.0050		mg/L	5	2/25/2020
Manganese	4.8	0.010		mg/L	5	2/25/2020
Nickel	ND	0.010		mg/L	5	2/25/2020
Selenium	ND	0.010		mg/L	5	2/25/2020
Silver	ND	0.010		mg/L	5	2/25/2020
Zinc	ND	0.050		mg/L	5	2/25/2020
<b>TCLP Mercury</b>	<b>SW1311/7470A</b>		Prep Date: <b>2/28/2020</b>		Analyst: <b>LB</b>	
Mercury	ND	0.00020		mg/L	1	3/2/2020
<b>SPLP Mercury</b>	<b>SW1312/7470A</b>		Prep Date: <b>2/28/2020</b>		Analyst: <b>LB</b>	
Mercury	ND	0.00020		mg/L	1	3/2/2020
<b>Mercury</b>	<b>SW7471B</b>		Prep Date: <b>3/10/2020</b>		Analyst: <b>LB</b>	
Mercury	0.036	0.021		mg/Kg-dry	1	3/11/2020
<b>pH (25 °C)</b>	<b>SW9045C</b>		Prep Date: <b>2/25/2020</b>		Analyst: <b>FN</b>	
pH	8.12			pH Units	1	2/25/2020
<b>Percent Moisture</b>	<b>D2974</b>		Prep Date: <b>2/19/2020</b>		Analyst: <b>FN</b>	
Percent Moisture	22.9	0.2	*	wt%	1	2/20/2020

**Qualifiers:**

ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 HT - Sample received past holding time  
 \* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis  
 S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range  
 H - Holding time exceeded

**STAT Analysis Corporation**

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: March 12, 2020

Date Printed: March 12, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-16-03 (0-1.5)

Work Order: 20020495 Revision 0

Collection Date: 2/17/2020 1:35:00 PM

Project: 81.0220509.75, WO #37, Elk Grove

Matrix: Soil

Lab ID: 20020495-030

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Volatile Organic Compounds by GC/MS</b>		<b>SW5035/8260B</b>		Prep Date: 2/19/2020		Analyst: JDT
Acetone	ND	0.097		mg/Kg-dry	1	2/26/2020
Benzene	ND	0.0065		mg/Kg-dry	1	2/26/2020
Bromodichloromethane	ND	0.0065		mg/Kg-dry	1	2/26/2020
Bromoform	ND	0.0065		mg/Kg-dry	1	2/26/2020
Bromomethane	ND	0.013		mg/Kg-dry	1	2/26/2020
2-Butanone	ND	0.097		mg/Kg-dry	1	2/26/2020
Carbon disulfide	ND	0.065		mg/Kg-dry	1	2/26/2020
Carbon tetrachloride	ND	0.0065		mg/Kg-dry	1	2/26/2020
Chlorobenzene	ND	0.0065		mg/Kg-dry	1	2/26/2020
Chloroethane	ND	0.013		mg/Kg-dry	1	2/26/2020
Chloroform	ND	0.0065		mg/Kg-dry	1	2/26/2020
Chloromethane	ND	0.013		mg/Kg-dry	1	2/26/2020
Dibromochloromethane	ND	0.0065		mg/Kg-dry	1	2/26/2020
1,1-Dichloroethane	ND	0.0065		mg/Kg-dry	1	2/26/2020
1,2-Dichloroethane	ND	0.0065		mg/Kg-dry	1	2/26/2020
1,1-Dichloroethene	ND	0.0065		mg/Kg-dry	1	2/26/2020
cis-1,2-Dichloroethene	ND	0.0065		mg/Kg-dry	1	2/26/2020
trans-1,2-Dichloroethene	ND	0.0065		mg/Kg-dry	1	2/26/2020
1,2-Dichloropropane	ND	0.0065		mg/Kg-dry	1	2/26/2020
cis-1,3-Dichloropropene	ND	0.0026		mg/Kg-dry	1	2/26/2020
trans-1,3-Dichloropropene	ND	0.0026		mg/Kg-dry	1	2/26/2020
Ethylbenzene	ND	0.0065		mg/Kg-dry	1	2/26/2020
2-Hexanone	ND	0.026		mg/Kg-dry	1	2/26/2020
4-Methyl-2-pentanone	ND	0.026		mg/Kg-dry	1	2/26/2020
Methylene chloride	ND	0.013		mg/Kg-dry	1	2/26/2020
Methyl tert-butyl ether	ND	0.0065		mg/Kg-dry	1	2/26/2020
Styrene	ND	0.0065		mg/Kg-dry	1	2/26/2020
1,1,2,2-Tetrachloroethane	ND	0.0065		mg/Kg-dry	1	2/26/2020
Tetrachloroethene	ND	0.0065		mg/Kg-dry	1	2/26/2020
Toluene	ND	0.0065		mg/Kg-dry	1	2/26/2020
1,1,1-Trichloroethane	ND	0.0065		mg/Kg-dry	1	2/26/2020
1,1,2-Trichloroethane	ND	0.0065		mg/Kg-dry	1	2/26/2020
Trichloroethene	ND	0.0065		mg/Kg-dry	1	2/26/2020
Vinyl chloride	ND	0.0065		mg/Kg-dry	1	2/26/2020
Xylenes, Total	ND	0.019		mg/Kg-dry	1	2/26/2020
<b>Semivolatile Organic Compounds by GC/MS</b>		<b>SW8270D (SW3550B)</b>		Prep Date: 2/20/2020		Analyst: TEM
Acenaphthene	ND	0.036		mg/Kg-dry	1	2/21/2020
Acenaphthylene	ND	0.036		mg/Kg-dry	1	2/21/2020

**Qualifiers:**  
 ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 HT - Sample received past holding time  
 \* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis  
 S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range  
 H - Holding time exceeded

**STAT Analysis Corporation**

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: March 12, 2020

Date Printed: March 12, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-16-03 (0-1.5)

Work Order: 20020495 Revision 0

Collection Date: 2/17/2020 1:35:00 PM

Project: 81.0220509.75, WO #37, Elk Grove

Matrix: Soil

Lab ID: 20020495-030

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Semivolatile Organic Compounds by GC/MS</b>	<b>SW8270D (SW3550B)</b>				Prep Date: 2/20/2020	Analyst: TEM
Aniline	ND	0.37		mg/Kg-dry	1	2/21/2020
Anthracene	ND	0.036		mg/Kg-dry	1	2/21/2020
Benz(a)anthracene	ND	0.036		mg/Kg-dry	1	2/21/2020
Benzidine	ND	0.36		mg/Kg-dry	1	2/21/2020
Benzo(a)pyrene	ND	0.036		mg/Kg-dry	1	2/21/2020
Benzo(b)fluoranthene	ND	0.036		mg/Kg-dry	1	2/21/2020
Benzo(g,h,i)perylene	ND	0.036		mg/Kg-dry	1	2/21/2020
Benzo(k)fluoranthene	ND	0.036		mg/Kg-dry	1	2/21/2020
Benzoic acid	ND	0.91		mg/Kg-dry	1	2/21/2020
Benzyl alcohol	ND	0.19		mg/Kg-dry	1	2/21/2020
Bis(2-chloroethoxy)methane	ND	0.19		mg/Kg-dry	1	2/21/2020
Bis(2-chloroethyl)ether	ND	0.19		mg/Kg-dry	1	2/21/2020
Bis(2-ethylhexyl)phthalate	ND	0.91		mg/Kg-dry	1	2/21/2020
4-Bromophenyl phenyl ether	ND	0.19		mg/Kg-dry	1	2/21/2020
Butyl benzyl phthalate	ND	0.19		mg/Kg-dry	1	2/21/2020
Carbazole	ND	0.19		mg/Kg-dry	1	2/21/2020
4-Chloroaniline	ND	0.19		mg/Kg-dry	1	2/21/2020
4-Chloro-3-methylphenol	ND	0.36		mg/Kg-dry	1	2/21/2020
2-Chloronaphthalene	ND	0.19		mg/Kg-dry	1	2/21/2020
2-Chlorophenol	ND	0.19		mg/Kg-dry	1	2/21/2020
4-Chlorophenyl phenyl ether	ND	0.19		mg/Kg-dry	1	2/21/2020
Chrysene	ND	0.036		mg/Kg-dry	1	2/21/2020
Dibenz(a,h)anthracene	ND	0.036		mg/Kg-dry	1	2/21/2020
Dibenzofuran	ND	0.19		mg/Kg-dry	1	2/21/2020
1,2-Dichlorobenzene	ND	0.19		mg/Kg-dry	1	2/21/2020
1,3-Dichlorobenzene	ND	0.19		mg/Kg-dry	1	2/21/2020
1,4-Dichlorobenzene	ND	0.19		mg/Kg-dry	1	2/21/2020
3,3'-Dichlorobenzidine	ND	0.19		mg/Kg-dry	1	2/21/2020
2,4-Dichlorophenol	ND	0.19		mg/Kg-dry	1	2/21/2020
Diethyl phthalate	ND	0.19		mg/Kg-dry	1	2/21/2020
2,4-Dimethylphenol	ND	0.19		mg/Kg-dry	1	2/21/2020
Dimethyl phthalate	ND	0.19		mg/Kg-dry	1	2/21/2020
4,6-Dinitro-2-methylphenol	ND	0.36		mg/Kg-dry	1	2/21/2020
2,4-Dinitrophenol	ND	0.91		mg/Kg-dry	1	2/21/2020
2,4-Dinitrotoluene	ND	0.036		mg/Kg-dry	1	2/21/2020
2,6-Dinitrotoluene	ND	0.036		mg/Kg-dry	1	2/21/2020
Di-n-butyl phthalate	ND	0.19		mg/Kg-dry	1	2/21/2020
Di-n-octyl phthalate	ND	0.19		mg/Kg-dry	1	2/21/2020

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

**Qualifiers:**

J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded



**STAT Analysis Corporation**

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: March 12, 2020

Date Printed: March 12, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-16-03 (0-1.5)

Work Order: 20020495 Revision 0

Collection Date: 2/17/2020 1:35:00 PM

Project: 81.0220509.75, WO #37, Elk Grove

Matrix: Soil

Lab ID: 20020495-030

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Semivolatile Organic Compounds by GC/MS</b>		<b>SW8270D (SW3550B)</b>		Prep Date: <b>2/20/2020</b>		Analyst: <b>TEM</b>
Fluoranthene	ND	0.036		mg/Kg-dry	1	2/21/2020
Fluorene	ND	0.036		mg/Kg-dry	1	2/21/2020
Hexachlorobenzene	ND	0.19		mg/Kg-dry	1	2/21/2020
Hexachlorobutadiene	ND	0.19		mg/Kg-dry	1	2/21/2020
Hexachlorocyclopentadiene	ND	0.19		mg/Kg-dry	1	2/21/2020
Hexachloroethane	ND	0.19		mg/Kg-dry	1	2/21/2020
Indeno(1,2,3-cd)pyrene	ND	0.036		mg/Kg-dry	1	2/21/2020
Isophorone	ND	0.19		mg/Kg-dry	1	2/21/2020
2-Methylnaphthalene	ND	0.19		mg/Kg-dry	1	2/21/2020
2-Methylphenol	ND	0.19		mg/Kg-dry	1	2/21/2020
4-Methylphenol	ND	0.19		mg/Kg-dry	1	2/21/2020
Naphthalene	ND	0.036		mg/Kg-dry	1	2/21/2020
2-Nitroaniline	ND	0.19		mg/Kg-dry	1	2/21/2020
3-Nitroaniline	ND	0.19		mg/Kg-dry	1	2/21/2020
4-Nitroaniline	ND	0.19		mg/Kg-dry	1	2/21/2020
2-Nitrophenol	ND	0.19		mg/Kg-dry	1	2/21/2020
4-Nitrophenol	ND	0.36		mg/Kg-dry	1	2/21/2020
Nitrobenzene	ND	0.036		mg/Kg-dry	1	2/21/2020
N-Nitrosodi-n-propylamine	ND	0.036		mg/Kg-dry	1	2/21/2020
N-Nitrosodimethylamine	ND	0.19		mg/Kg-dry	1	2/21/2020
N-Nitrosodiphenylamine	ND	0.036		mg/Kg-dry	1	2/21/2020
2, 2'-oxybis(1-Chloropropane)	ND	0.19		mg/Kg-dry	1	2/21/2020
Pentachlorophenol	ND	0.036		mg/Kg-dry	1	2/21/2020
Phenanthrene	ND	0.036		mg/Kg-dry	1	2/21/2020
Phenol	ND	0.19		mg/Kg-dry	1	2/21/2020
Pyrene	ND	0.036		mg/Kg-dry	1	2/21/2020
Pyridine	ND	0.74		mg/Kg-dry	1	2/21/2020
1,2,4-Trichlorobenzene	ND	0.19		mg/Kg-dry	1	2/21/2020
2,4,5-Trichlorophenol	ND	0.19		mg/Kg-dry	1	2/21/2020
2,4,6-Trichlorophenol	ND	0.19		mg/Kg-dry	1	2/21/2020
<b>Metals by ICP/MS</b>		<b>SW6020A (SW3050B)</b>		Prep Date: <b>2/24/2020</b>		Analyst: <b>JG</b>
Antimony	ND	1.9		mg/Kg-dry	10	2/24/2020
Arsenic	9.0	0.94		mg/Kg-dry	10	2/24/2020
Barium	35	0.94		mg/Kg-dry	10	2/24/2020
Beryllium	0.57	0.47		mg/Kg-dry	10	2/24/2020
Cadmium	ND	0.47		mg/Kg-dry	10	2/24/2020
Calcium	63000	57		mg/Kg-dry	10	2/24/2020
Chromium	17	0.94		mg/Kg-dry	10	2/24/2020

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers: J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded

**STAT Analysis Corporation**

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: March 12, 2020

Date Printed: March 12, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-16-03 (0-1.5)

Work Order: 20020495 Revision 0

Collection Date: 2/17/2020 1:35:00 PM

Project: 81.0220509.75, WO #37, Elk Grove

Matrix: Soil

Lab ID: 20020495-030

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Metals by ICP/MS</b>		<b>SW6020A (SW3050B)</b>		Prep Date: 2/24/2020		Analyst: JG
Cobalt	12	0.94		mg/Kg-dry	10	2/24/2020
Copper	26	2.4		mg/Kg-dry	10	2/24/2020
Iron	21000	28		mg/Kg-dry	10	2/24/2020
Lead	14	0.47		mg/Kg-dry	10	2/24/2020
Magnesium	33000	28		mg/Kg-dry	10	2/24/2020
Manganese	450	0.94		mg/Kg-dry	10	2/24/2020
Nickel	30	0.94		mg/Kg-dry	10	2/24/2020
Potassium	2400	28		mg/Kg-dry	10	2/24/2020
Selenium	ND	0.94		mg/Kg-dry	10	2/24/2020
Silver	ND	0.94		mg/Kg-dry	10	2/24/2020
Sodium	580	57		mg/Kg-dry	10	2/24/2020
Thallium	ND	0.94		mg/Kg-dry	10	2/24/2020
Vanadium	19	0.94		mg/Kg-dry	10	2/24/2020
Zinc	44	4.7		mg/Kg-dry	10	2/24/2020
<b>SPLP Metals by ICP/MS</b>		<b>SW1312/6020A (SW3005A)</b>		Prep Date: 2/21/2020		Analyst: MDT
Arsenic	ND	0.0040		mg/L	2	2/22/2020
Barium	0.030	0.020		mg/L	2	2/22/2020
Beryllium	ND	0.0020		mg/L	2	2/24/2020
Cadmium	ND	0.0020		mg/L	2	2/22/2020
Chromium	0.0045	0.0040		mg/L	2	2/22/2020
Cobalt	ND	0.0040		mg/L	2	2/22/2020
Copper	ND	0.040		mg/L	2	2/22/2020
Iron	1.8	0.10		mg/L	2	2/22/2020
Lead	ND	0.0020		mg/L	2	2/22/2020
Manganese	0.022	0.0040		mg/L	2	2/22/2020
Nickel	0.0043	0.0040		mg/L	2	2/22/2020
Selenium	ND	0.0040		mg/L	2	2/22/2020
Silver	ND	0.0040		mg/L	2	2/22/2020
Zinc	0.037	0.020		mg/L	2	2/22/2020
<b>TCLP Metals by ICP/MS</b>		<b>SW1311/6020A (SW3005A)</b>		Prep Date: 2/24/2020		Analyst: MDT
Arsenic	ND	0.010		mg/L	5	2/24/2020
Barium	0.45	0.050		mg/L	5	2/24/2020
Beryllium	ND	0.0050		mg/L	5	2/24/2020
Cadmium	ND	0.0050		mg/L	5	2/24/2020
Chromium	ND	0.010		mg/L	5	2/24/2020
Cobalt	0.053	0.010		mg/L	5	2/24/2020
Copper	ND	0.10		mg/L	5	2/24/2020

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

**Qualifiers:**

J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded

**STAT Analysis Corporation**

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: March 12, 2020

Date Printed: March 12, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Work Order: 20020495 Revision 0

Project: 81.0220509.75, WO #37, Elk Grove

Lab ID: 20020495-030

Client Sample ID: 2360V2-16-03 (0-1.5)

Collection Date: 2/17/2020 1:35:00 PM

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>TCLP Metals by ICP/MS</b>	<b>SW1311/6020A (SW3005A)</b>		Prep Date: <b>2/24/2020</b>		Analyst: <b>MDT</b>	
Iron	ND	0.25		mg/L	5	2/24/2020
Lead	ND	0.0050		mg/L	5	2/24/2020
Manganese	4.1	0.010		mg/L	5	2/24/2020
Nickel	0.065	0.010		mg/L	5	2/24/2020
Selenium	ND	0.010		mg/L	5	2/24/2020
Silver	ND	0.010		mg/L	5	2/24/2020
Zinc	ND	0.050		mg/L	5	2/24/2020
<b>TCLP Mercury</b>	<b>SW1311/7470A</b>		Prep Date: <b>2/28/2020</b>		Analyst: <b>LB</b>	
Mercury	ND	0.00020		mg/L	1	3/2/2020
<b>SPLP Mercury</b>	<b>SW1312/7470A</b>		Prep Date: <b>2/28/2020</b>		Analyst: <b>LB</b>	
Mercury	ND	0.00020		mg/L	1	3/2/2020
<b>Mercury</b>	<b>SW7471B</b>		Prep Date: <b>3/10/2020</b>		Analyst: <b>LB</b>	
Mercury	0.055	0.017		mg/Kg-dry	1	3/11/2020
<b>pH (25 °C)</b>	<b>SW9045C</b>		Prep Date: <b>2/25/2020</b>		Analyst: <b>FN</b>	
pH	8.00			pH Units	1	2/25/2020
<b>Percent Moisture</b>	<b>D2974</b>		Prep Date: <b>2/19/2020</b>		Analyst: <b>FN</b>	
Percent Moisture	9.7	0.2	*	wt%	1	2/20/2020

**Qualifiers:**  
 ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 HT - Sample received past holding time  
 \* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis  
 S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range  
 H - Holding time exceeded

**STAT Analysis Corporation**

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: March 12, 2020

Date Printed: March 12, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-DUP5

Work Order: 20020495 Revision 0

Collection Date: 2/17/2020

Project: 81.0220509.75, WO #37, Elk Grove

Matrix: Soil

Lab ID: 20020495-036

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Volatile Organic Compounds by GC/MS</b>		<b>SW5035/8260B</b>		Prep Date: <b>2/19/2020</b>		Analyst: <b>CBG</b>
Acetone	0.073	0.069		mg/Kg-dry	1	2/26/2020
Benzene	ND	0.0046		mg/Kg-dry	1	2/26/2020
Bromodichloromethane	ND	0.0046		mg/Kg-dry	1	2/26/2020
Bromoform	ND	0.0046		mg/Kg-dry	1	2/26/2020
Bromomethane	ND	0.0091		mg/Kg-dry	1	2/26/2020
2-Butanone	ND	0.069		mg/Kg-dry	1	2/26/2020
Carbon disulfide	ND	0.046		mg/Kg-dry	1	2/26/2020
Carbon tetrachloride	ND	0.0046		mg/Kg-dry	1	2/26/2020
Chlorobenzene	ND	0.0046		mg/Kg-dry	1	2/26/2020
Chloroethane	ND	0.0091		mg/Kg-dry	1	2/26/2020
Chloroform	ND	0.0046		mg/Kg-dry	1	2/26/2020
Chloromethane	ND	0.0091		mg/Kg-dry	1	2/26/2020
Dibromochloromethane	ND	0.0046		mg/Kg-dry	1	2/26/2020
1,1-Dichloroethane	ND	0.0046		mg/Kg-dry	1	2/26/2020
1,2-Dichloroethane	ND	0.0046		mg/Kg-dry	1	2/26/2020
1,1-Dichloroethene	ND	0.0046		mg/Kg-dry	1	2/26/2020
cis-1,2-Dichloroethene	ND	0.0046		mg/Kg-dry	1	2/26/2020
trans-1,2-Dichloroethene	ND	0.0046		mg/Kg-dry	1	2/26/2020
1,2-Dichloropropane	ND	0.0046		mg/Kg-dry	1	2/26/2020
cis-1,3-Dichloropropene	ND	0.0018		mg/Kg-dry	1	2/26/2020
trans-1,3-Dichloropropene	ND	0.0018		mg/Kg-dry	1	2/26/2020
Ethylbenzene	ND	0.0046		mg/Kg-dry	1	2/26/2020
2-Hexanone	ND	0.018		mg/Kg-dry	1	2/26/2020
4-Methyl-2-pentanone	ND	0.018		mg/Kg-dry	1	2/26/2020
Methylene chloride	ND	0.0091		mg/Kg-dry	1	2/26/2020
Methyl tert-butyl ether	ND	0.0046		mg/Kg-dry	1	2/26/2020
Styrene	ND	0.0046		mg/Kg-dry	1	2/26/2020
1,1,2,2-Tetrachloroethane	ND	0.0046		mg/Kg-dry	1	2/26/2020
Tetrachloroethene	ND	0.0046		mg/Kg-dry	1	2/26/2020
Toluene	ND	0.0046		mg/Kg-dry	1	2/26/2020
1,1,1-Trichloroethane	ND	0.0046		mg/Kg-dry	1	2/26/2020
1,1,2-Trichloroethane	ND	0.0046		mg/Kg-dry	1	2/26/2020
Trichloroethene	ND	0.0046		mg/Kg-dry	1	2/26/2020
Vinyl chloride	ND	0.0046		mg/Kg-dry	1	2/26/2020
Xylenes, Total	ND	0.014		mg/Kg-dry	1	2/26/2020
<b>Semivolatile Organic Compounds by GC/MS</b>		<b>SW8270D (SW3550B)</b>		Prep Date: <b>2/20/2020</b>		Analyst: <b>TEM</b>
Acenaphthene	ND	0.039		mg/Kg-dry	1	2/21/2020
Acenaphthylene	ND	0.039		mg/Kg-dry	1	2/21/2020

**Qualifiers:**  
 ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 HT - Sample received past holding time  
 \* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis  
 S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range  
 H - Holding time exceeded

**STAT Analysis Corporation**

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: March 12, 2020

Date Printed: March 12, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-DUP5

Work Order: 20020495 Revision 0

Collection Date: 2/17/2020

Project: 81.0220509.75, WO #37, Elk Grove

Matrix: Soil

Lab ID: 20020495-036

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Semivolatile Organic Compounds by GC/MS</b>	<b>SW8270D (SW3550B)</b>				Prep Date: 2/20/2020	Analyst: TEM
Aniline	ND	0.39		mg/Kg-dry	1	2/21/2020
Anthracene	ND	0.039		mg/Kg-dry	1	2/21/2020
Benz(a)anthracene	ND	0.039		mg/Kg-dry	1	2/21/2020
Benzidine	ND	0.39		mg/Kg-dry	1	2/21/2020
Benzo(a)pyrene	ND	0.039		mg/Kg-dry	1	2/21/2020
Benzo(b)fluoranthene	ND	0.039		mg/Kg-dry	1	2/21/2020
Benzo(g,h,i)perylene	ND	0.039		mg/Kg-dry	1	2/21/2020
Benzo(k)fluoranthene	ND	0.039		mg/Kg-dry	1	2/21/2020
Benzoic acid	ND	0.97		mg/Kg-dry	1	2/21/2020
Benzyl alcohol	ND	0.20		mg/Kg-dry	1	2/21/2020
Bis(2-chloroethoxy)methane	ND	0.20		mg/Kg-dry	1	2/21/2020
Bis(2-chloroethyl)ether	ND	0.20		mg/Kg-dry	1	2/21/2020
Bis(2-ethylhexyl)phthalate	ND	0.97		mg/Kg-dry	1	2/21/2020
4-Bromophenyl phenyl ether	ND	0.20		mg/Kg-dry	1	2/21/2020
Butyl benzyl phthalate	ND	0.20		mg/Kg-dry	1	2/21/2020
Carbazole	ND	0.20		mg/Kg-dry	1	2/21/2020
4-Chloroaniline	ND	0.20		mg/Kg-dry	1	2/21/2020
4-Chloro-3-methylphenol	ND	0.39		mg/Kg-dry	1	2/21/2020
2-Chloronaphthalene	ND	0.20		mg/Kg-dry	1	2/21/2020
2-Chlorophenol	ND	0.20		mg/Kg-dry	1	2/21/2020
4-Chlorophenyl phenyl ether	ND	0.20		mg/Kg-dry	1	2/21/2020
Chrysene	ND	0.039		mg/Kg-dry	1	2/21/2020
Dibenz(a,h)anthracene	ND	0.039		mg/Kg-dry	1	2/21/2020
Dibenzofuran	ND	0.20		mg/Kg-dry	1	2/21/2020
1,2-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	2/21/2020
1,3-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	2/21/2020
1,4-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	2/21/2020
3,3'-Dichlorobenzidine	ND	0.20		mg/Kg-dry	1	2/21/2020
2,4-Dichlorophenol	ND	0.20		mg/Kg-dry	1	2/21/2020
Diethyl phthalate	ND	0.20		mg/Kg-dry	1	2/21/2020
2,4-Dimethylphenol	ND	0.20		mg/Kg-dry	1	2/21/2020
Dimethyl phthalate	ND	0.20		mg/Kg-dry	1	2/21/2020
4,6-Dinitro-2-methylphenol	ND	0.39		mg/Kg-dry	1	2/21/2020
2,4-Dinitrophenol	ND	0.97		mg/Kg-dry	1	2/21/2020
2,4-Dinitrotoluene	ND	0.039		mg/Kg-dry	1	2/21/2020
2,6-Dinitrotoluene	ND	0.039		mg/Kg-dry	1	2/21/2020
Di-n-butyl phthalate	ND	0.20		mg/Kg-dry	1	2/21/2020
Di-n-octyl phthalate	ND	0.20		mg/Kg-dry	1	2/21/2020

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers: J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded

**STAT Analysis Corporation**

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: March 12, 2020

Date Printed: March 12, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-DUP5

Work Order: 20020495 Revision 0

Collection Date: 2/17/2020

Project: 81.0220509.75, WO #37, Elk Grove

Matrix: Soil

Lab ID: 20020495-036

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Semivolatile Organic Compounds by GC/MS</b>		<b>SW8270D (SW3550B)</b>		Prep Date: 2/20/2020		Analyst: TEM
Fluoranthene	ND	0.039		mg/Kg-dry	1	2/21/2020
Fluorene	ND	0.039		mg/Kg-dry	1	2/21/2020
Hexachlorobenzene	ND	0.20		mg/Kg-dry	1	2/21/2020
Hexachlorobutadiene	ND	0.20		mg/Kg-dry	1	2/21/2020
Hexachlorocyclopentadiene	ND	0.20		mg/Kg-dry	1	2/21/2020
Hexachloroethane	ND	0.20		mg/Kg-dry	1	2/21/2020
Indeno(1,2,3-cd)pyrene	ND	0.039		mg/Kg-dry	1	2/21/2020
Isophorone	ND	0.20		mg/Kg-dry	1	2/21/2020
2-Methylnaphthalene	ND	0.20		mg/Kg-dry	1	2/21/2020
2-Methylphenol	ND	0.20		mg/Kg-dry	1	2/21/2020
4-Methylphenol	ND	0.20		mg/Kg-dry	1	2/21/2020
Naphthalene	ND	0.039		mg/Kg-dry	1	2/21/2020
2-Nitroaniline	ND	0.20		mg/Kg-dry	1	2/21/2020
3-Nitroaniline	ND	0.20		mg/Kg-dry	1	2/21/2020
4-Nitroaniline	ND	0.20		mg/Kg-dry	1	2/21/2020
2-Nitrophenol	ND	0.20		mg/Kg-dry	1	2/21/2020
4-Nitrophenol	ND	0.39		mg/Kg-dry	1	2/21/2020
Nitrobenzene	ND	0.039		mg/Kg-dry	1	2/21/2020
N-Nitrosodi-n-propylamine	ND	0.039		mg/Kg-dry	1	2/21/2020
N-Nitrosodimethylamine	ND	0.20		mg/Kg-dry	1	2/21/2020
N-Nitrosodiphenylamine	ND	0.039		mg/Kg-dry	1	2/21/2020
2, 2'-oxybis(1-Chloropropane)	ND	0.20		mg/Kg-dry	1	2/21/2020
Pentachlorophenol	ND	0.039		mg/Kg-dry	1	2/21/2020
Phenanthrene	ND	0.039		mg/Kg-dry	1	2/21/2020
Phenol	ND	0.20		mg/Kg-dry	1	2/21/2020
Pyrene	ND	0.039		mg/Kg-dry	1	2/21/2020
Pyridine	ND	0.78		mg/Kg-dry	1	2/21/2020
1,2,4-Trichlorobenzene	ND	0.20		mg/Kg-dry	1	2/21/2020
2,4,5-Trichlorophenol	ND	0.20		mg/Kg-dry	1	2/21/2020
2,4,6-Trichlorophenol	ND	0.20		mg/Kg-dry	1	2/21/2020
<b>Metals by ICP/MS</b>		<b>SW6020A (SW3050B)</b>		Prep Date: 2/24/2020		Analyst: JG
Antimony	ND	2.0		mg/Kg-dry	10	2/24/2020
Arsenic	6.7	0.99		mg/Kg-dry	10	2/24/2020
Barium	48	0.99		mg/Kg-dry	10	2/24/2020
Beryllium	0.67	0.50		mg/Kg-dry	10	2/24/2020
Cadmium	ND	0.50		mg/Kg-dry	10	2/24/2020
Calcium	63000	59		mg/Kg-dry	10	2/24/2020
Chromium	22	0.99		mg/Kg-dry	10	2/24/2020

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers: J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded

**STAT Analysis Corporation**

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: March 12, 2020

Date Printed: March 12, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-DUP5

Work Order: 20020495 Revision 0

Collection Date: 2/17/2020

Project: 81.0220509.75, WO #37, Elk Grove

Matrix: Soil

Lab ID: 20020495-036

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Metals by ICP/MS</b>		<b>SW6020A (SW3050B)</b>		Prep Date: 2/24/2020		Analyst: JG
Cobalt	8.3	0.99		mg/Kg-dry	10	2/24/2020
Copper	20	2.5		mg/Kg-dry	10	2/24/2020
Iron	21000	30		mg/Kg-dry	10	2/24/2020
Lead	10	0.50		mg/Kg-dry	10	2/24/2020
Magnesium	29000	30		mg/Kg-dry	10	2/24/2020
Manganese	320	0.99		mg/Kg-dry	10	2/24/2020
Nickel	27	0.99		mg/Kg-dry	10	2/24/2020
Potassium	2700	30		mg/Kg-dry	10	2/24/2020
Selenium	ND	0.99		mg/Kg-dry	10	2/24/2020
Silver	ND	0.99		mg/Kg-dry	10	2/24/2020
Sodium	1400	59		mg/Kg-dry	10	2/24/2020
Thallium	ND	0.99		mg/Kg-dry	10	2/24/2020
Vanadium	25	0.99		mg/Kg-dry	10	2/24/2020
Zinc	49	5.0		mg/Kg-dry	10	2/24/2020
<b>SPLP Metals by ICP/MS</b>		<b>SW1312/6020A (SW3005A)</b>		Prep Date: 2/21/2020		Analyst: MDT
Arsenic	0.0054	0.0040		mg/L	2	2/22/2020
Barium	0.031	0.020		mg/L	2	2/22/2020
Beryllium	ND	0.0020		mg/L	2	2/24/2020
Cadmium	ND	0.0020		mg/L	2	2/22/2020
Chromium	0.010	0.0040		mg/L	2	2/22/2020
Cobalt	ND	0.0040		mg/L	2	2/22/2020
Copper	ND	0.040		mg/L	2	2/22/2020
Iron	10	0.10		mg/L	2	2/22/2020
Lead	0.0047	0.0020		mg/L	2	2/22/2020
Manganese	0.051	0.0040		mg/L	2	2/22/2020
Nickel	0.012	0.0040		mg/L	2	2/22/2020
Selenium	ND	0.0040		mg/L	2	2/22/2020
Silver	ND	0.0040		mg/L	2	2/22/2020
Zinc	ND	0.040		mg/L	2	2/24/2020
<b>TCLP Metals by ICP/MS</b>		<b>SW1311/6020A (SW3005A)</b>		Prep Date: 2/24/2020		Analyst: MDT
Arsenic	ND	0.010		mg/L	5	2/24/2020
Barium	0.30	0.050		mg/L	5	2/24/2020
Beryllium	ND	0.0050		mg/L	5	2/24/2020
Cadmium	ND	0.0050		mg/L	5	2/24/2020
Chromium	ND	0.010		mg/L	5	2/24/2020
Cobalt	0.014	0.010		mg/L	5	2/24/2020
Copper	ND	0.10		mg/L	5	2/24/2020

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

**Qualifiers:**

J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded

**STAT Analysis Corporation**

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: March 12, 2020

Date Printed: March 12, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360V2-DUP5

Work Order: 20020495 Revision 0

Collection Date: 2/17/2020

Project: 81.0220509.75, WO #37, Elk Grove

Matrix: Soil

Lab ID: 20020495-036

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>TCLP Metals by ICP/MS</b>	<b>SW1311/6020A (SW3005A)</b>		Prep Date: <b>2/24/2020</b>		Analyst: <b>MDT</b>	
Iron	ND	0.25		mg/L	5	2/24/2020
Lead	ND	0.0050		mg/L	5	2/24/2020
Manganese	3.1	0.010		mg/L	5	2/24/2020
Nickel	ND	0.010		mg/L	5	2/24/2020
Selenium	ND	0.010		mg/L	5	2/24/2020
Silver	ND	0.010		mg/L	5	2/24/2020
Zinc	ND	0.050		mg/L	5	2/24/2020
<b>TCLP Mercury</b>	<b>SW1311/7470A</b>		Prep Date: <b>2/28/2020</b>		Analyst: <b>LB</b>	
Mercury	ND	0.00020		mg/L	1	3/2/2020
<b>SPLP Mercury</b>	<b>SW1312/7470A</b>		Prep Date: <b>2/28/2020</b>		Analyst: <b>LB</b>	
Mercury	ND	0.00020		mg/L	1	3/2/2020
<b>Mercury</b>	<b>SW7471B</b>		Prep Date: <b>3/10/2020</b>		Analyst: <b>LB</b>	
Mercury	ND	0.023		mg/Kg-dry	1	3/11/2020
<b>pH (25 °C)</b>	<b>SW9045C</b>		Prep Date: <b>2/25/2020</b>		Analyst: <b>FN</b>	
pH	8.62			pH Units	1	2/25/2020
<b>Percent Moisture</b>	<b>D2974</b>		Prep Date: <b>2/19/2020</b>		Analyst: <b>FN</b>	
Percent Moisture	14.8	0.2	*	wt%	1	2/20/2020

**Qualifiers:**  
 ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 HT - Sample received past holding time  
 \* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis  
 S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range  
 H - Holding time exceeded



**STAT Analysis Corporation**

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: March 13, 2020

Date Printed: March 13, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360VZ-26-01 (0-2)

Work Order: 20020556 Revision 0

Collection Date: 2/18/2020 9:35:00 AM

Project: 81.0220509.75, WO #37, Elk Grove

Matrix: Soil

Lab ID: 20020556-037

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Volatile Organic Compounds by GC/MS</b>		<b>SW5035/8260B</b>		Prep Date: <b>2/21/2020</b>		Analyst: <b>JDT</b>
Acetone	ND	0.069		mg/Kg-dry	1	2/29/2020
Benzene	ND	0.0046		mg/Kg-dry	1	2/29/2020
Bromodichloromethane	ND	0.0046		mg/Kg-dry	1	2/29/2020
Bromoform	ND	0.0046		mg/Kg-dry	1	2/29/2020
Bromomethane	ND	0.0092		mg/Kg-dry	1	2/29/2020
2-Butanone	ND	0.069		mg/Kg-dry	1	2/29/2020
Carbon disulfide	ND	0.046		mg/Kg-dry	1	2/29/2020
Carbon tetrachloride	ND	0.0046		mg/Kg-dry	1	2/29/2020
Chlorobenzene	ND	0.0046		mg/Kg-dry	1	2/29/2020
Chloroethane	ND	0.0092		mg/Kg-dry	1	2/29/2020
Chloroform	ND	0.0046		mg/Kg-dry	1	2/29/2020
Chloromethane	ND	0.0092		mg/Kg-dry	1	2/29/2020
Dibromochloromethane	ND	0.0046		mg/Kg-dry	1	2/29/2020
1,1-Dichloroethane	ND	0.0046		mg/Kg-dry	1	2/29/2020
1,2-Dichloroethane	ND	0.0046		mg/Kg-dry	1	2/29/2020
1,1-Dichloroethene	ND	0.0046		mg/Kg-dry	1	2/29/2020
cis-1,2-Dichloroethene	ND	0.0046		mg/Kg-dry	1	2/29/2020
trans-1,2-Dichloroethene	ND	0.0046		mg/Kg-dry	1	2/29/2020
1,2-Dichloropropane	ND	0.0046		mg/Kg-dry	1	2/29/2020
cis-1,3-Dichloropropene	ND	0.0018		mg/Kg-dry	1	2/29/2020
trans-1,3-Dichloropropene	ND	0.0018		mg/Kg-dry	1	2/29/2020
Ethylbenzene	ND	0.0046		mg/Kg-dry	1	2/29/2020
2-Hexanone	ND	0.018		mg/Kg-dry	1	2/29/2020
4-Methyl-2-pentanone	ND	0.018		mg/Kg-dry	1	2/29/2020
Methylene chloride	ND	0.0092		mg/Kg-dry	1	2/29/2020
Methyl tert-butyl ether	ND	0.0046		mg/Kg-dry	1	2/29/2020
Styrene	ND	0.0046		mg/Kg-dry	1	2/29/2020
1,1,2,2-Tetrachloroethane	ND	0.0046		mg/Kg-dry	1	2/29/2020
Tetrachloroethene	ND	0.0046		mg/Kg-dry	1	2/29/2020
Toluene	ND	0.0046		mg/Kg-dry	1	2/29/2020
1,1,1-Trichloroethane	ND	0.0046		mg/Kg-dry	1	2/29/2020
1,1,2-Trichloroethane	ND	0.0046		mg/Kg-dry	1	2/29/2020
Trichloroethene	ND	0.0046		mg/Kg-dry	1	2/29/2020
Vinyl chloride	ND	0.0046		mg/Kg-dry	1	2/29/2020
Xylenes, Total	ND	0.014		mg/Kg-dry	1	2/29/2020
<b>Semivolatile Organic Compounds by GC/MS</b>		<b>SW8270D (SW3550B)</b>		Prep Date: <b>2/24/2020</b>		Analyst: <b>DM</b>
Acenaphthene	ND	0.040		mg/Kg-dry	1	2/25/2020
Acenaphthylene	ND	0.040		mg/Kg-dry	1	2/25/2020

**Qualifiers:**  
 ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 HT - Sample received past holding time  
 \* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis  
 S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range  
 H - Holding time exceeded

**STAT Analysis Corporation**

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: March 13, 2020

Date Printed: March 13, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360VZ-26-01 (0-2)

Work Order: 20020556 Revision 0

Collection Date: 2/18/2020 9:35:00 AM

Project: 81.0220509.75, WO #37, Elk Grove

Matrix: Soil

Lab ID: 20020556-037

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Semivolatile Organic Compounds by GC/MS</b>	<b>SW8270D (SW3550B)</b>				Prep Date: 2/24/2020	Analyst: DM
Aniline	ND	0.40		mg/Kg-dry	1	2/25/2020
Anthracene	ND	0.040		mg/Kg-dry	1	2/25/2020
Benz(a)anthracene	ND	0.040		mg/Kg-dry	1	2/25/2020
Benzidine	ND	0.40		mg/Kg-dry	1	2/25/2020
Benzo(a)pyrene	ND	0.040		mg/Kg-dry	1	2/25/2020
Benzo(b)fluoranthene	ND	0.040		mg/Kg-dry	1	2/25/2020
Benzo(g,h,i)perylene	ND	0.040		mg/Kg-dry	1	2/25/2020
Benzo(k)fluoranthene	ND	0.040		mg/Kg-dry	1	2/25/2020
Benzoic acid	ND	1.0		mg/Kg-dry	1	2/25/2020
Benzyl alcohol	ND	0.21		mg/Kg-dry	1	2/25/2020
Bis(2-chloroethoxy)methane	ND	0.21		mg/Kg-dry	1	2/25/2020
Bis(2-chloroethyl)ether	ND	0.21		mg/Kg-dry	1	2/25/2020
Bis(2-ethylhexyl)phthalate	ND	1.0		mg/Kg-dry	1	2/25/2020
4-Bromophenyl phenyl ether	ND	0.21		mg/Kg-dry	1	2/25/2020
Butyl benzyl phthalate	ND	0.21		mg/Kg-dry	1	2/25/2020
Carbazole	ND	0.21		mg/Kg-dry	1	2/25/2020
4-Chloroaniline	ND	0.21		mg/Kg-dry	1	2/25/2020
4-Chloro-3-methylphenol	ND	0.40		mg/Kg-dry	1	2/25/2020
2-Chloronaphthalene	ND	0.21		mg/Kg-dry	1	2/25/2020
2-Chlorophenol	ND	0.21		mg/Kg-dry	1	2/25/2020
4-Chlorophenyl phenyl ether	ND	0.21		mg/Kg-dry	1	2/25/2020
Chrysene	ND	0.040		mg/Kg-dry	1	2/25/2020
Dibenz(a,h)anthracene	ND	0.040		mg/Kg-dry	1	2/25/2020
Dibenzofuran	ND	0.21		mg/Kg-dry	1	2/25/2020
1,2-Dichlorobenzene	ND	0.21		mg/Kg-dry	1	2/25/2020
1,3-Dichlorobenzene	ND	0.21		mg/Kg-dry	1	2/25/2020
1,4-Dichlorobenzene	ND	0.21		mg/Kg-dry	1	2/25/2020
3,3'-Dichlorobenzidine	ND	0.21		mg/Kg-dry	1	2/25/2020
2,4-Dichlorophenol	ND	0.21		mg/Kg-dry	1	2/25/2020
Diethyl phthalate	ND	0.21		mg/Kg-dry	1	2/25/2020
2,4-Dimethylphenol	ND	0.21		mg/Kg-dry	1	2/25/2020
Dimethyl phthalate	ND	0.21		mg/Kg-dry	1	2/25/2020
4,6-Dinitro-2-methylphenol	ND	0.40		mg/Kg-dry	1	2/25/2020
2,4-Dinitrophenol	ND	1.0		mg/Kg-dry	1	2/25/2020
2,4-Dinitrotoluene	ND	0.040		mg/Kg-dry	1	2/25/2020
2,6-Dinitrotoluene	ND	0.040		mg/Kg-dry	1	2/25/2020
Di-n-butyl phthalate	ND	0.21		mg/Kg-dry	1	2/25/2020
Di-n-octyl phthalate	ND	0.21		mg/Kg-dry	1	2/25/2020

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers: J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded

**STAT Analysis Corporation**

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: March 13, 2020

Date Printed: March 13, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360VZ-26-01 (0-2)

Work Order: 20020556 Revision 0

Collection Date: 2/18/2020 9:35:00 AM

Project: 81.0220509.75, WO #37, Elk Grove

Matrix: Soil

Lab ID: 20020556-037

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Semivolatile Organic Compounds by GC/MS</b>						
	<b>SW8270D (SW3550B)</b>		Prep Date: <b>2/24/2020</b>		Analyst: <b>DM</b>	
Fluoranthene	ND	0.040		mg/Kg-dry	1	2/25/2020
Fluorene	ND	0.040		mg/Kg-dry	1	2/25/2020
Hexachlorobenzene	ND	0.21		mg/Kg-dry	1	2/25/2020
Hexachlorobutadiene	ND	0.21		mg/Kg-dry	1	2/25/2020
Hexachlorocyclopentadiene	ND	0.21		mg/Kg-dry	1	2/25/2020
Hexachloroethane	ND	0.21		mg/Kg-dry	1	2/25/2020
Indeno(1,2,3-cd)pyrene	ND	0.040		mg/Kg-dry	1	2/25/2020
Isophorone	ND	0.21		mg/Kg-dry	1	2/25/2020
2-Methylnaphthalene	ND	0.21		mg/Kg-dry	1	2/25/2020
2-Methylphenol	ND	0.21		mg/Kg-dry	1	2/25/2020
4-Methylphenol	ND	0.21		mg/Kg-dry	1	2/25/2020
Naphthalene	ND	0.040		mg/Kg-dry	1	2/25/2020
2-Nitroaniline	ND	0.21		mg/Kg-dry	1	2/25/2020
3-Nitroaniline	ND	0.21		mg/Kg-dry	1	2/25/2020
4-Nitroaniline	ND	0.21		mg/Kg-dry	1	2/25/2020
2-Nitrophenol	ND	0.21		mg/Kg-dry	1	2/25/2020
4-Nitrophenol	ND	0.40		mg/Kg-dry	1	2/25/2020
Nitrobenzene	ND	0.040		mg/Kg-dry	1	2/25/2020
N-Nitrosodi-n-propylamine	ND	0.040		mg/Kg-dry	1	2/25/2020
N-Nitrosodimethylamine	ND	0.21		mg/Kg-dry	1	2/25/2020
N-Nitrosodiphenylamine	ND	0.040		mg/Kg-dry	1	2/25/2020
2, 2'-oxybis(1-Chloropropane)	ND	0.21		mg/Kg-dry	1	2/25/2020
Pentachlorophenol	ND	0.040		mg/Kg-dry	1	2/25/2020
Phenanthrene	ND	0.040		mg/Kg-dry	1	2/25/2020
Phenol	ND	0.21		mg/Kg-dry	1	2/25/2020
Pyrene	ND	0.040		mg/Kg-dry	1	2/25/2020
Pyridine	ND	0.81		mg/Kg-dry	1	2/25/2020
1,2,4-Trichlorobenzene	ND	0.21		mg/Kg-dry	1	2/25/2020
2,4,5-Trichlorophenol	ND	0.21		mg/Kg-dry	1	2/25/2020
2,4,6-Trichlorophenol	ND	0.21		mg/Kg-dry	1	2/25/2020
<b>Metals by ICP/MS</b>						
	<b>SW6020A (SW3050B)</b>		Prep Date: <b>2/26/2020</b>		Analyst: <b>MDT</b>	
Antimony	ND	2.2		mg/Kg-dry	10	2/26/2020
Arsenic	6.0	1.1		mg/Kg-dry	10	2/26/2020
Barium	66	1.1		mg/Kg-dry	10	2/26/2020
Beryllium	0.71	0.54		mg/Kg-dry	10	2/26/2020
Cadmium	ND	0.54		mg/Kg-dry	10	2/26/2020
Calcium	57000	65		mg/Kg-dry	10	2/26/2020
Chromium	27	1.1		mg/Kg-dry	10	2/26/2020

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers: J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded

**STAT Analysis Corporation**

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: March 13, 2020

Date Printed: March 13, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Client Sample ID: 2360VZ-26-01 (0-2)

Work Order: 20020556 Revision 0

Collection Date: 2/18/2020 9:35:00 AM

Project: 81.0220509.75, WO #37, Elk Grove

Matrix: Soil

Lab ID: 20020556-037

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Metals by ICP/MS</b>		<b>SW6020A (SW3050B)</b>		Prep Date: <b>2/26/2020</b>		Analyst: <b>MDT</b>
Cobalt	12	1.1		mg/Kg-dry	10	2/26/2020
Copper	23	2.7		mg/Kg-dry	10	2/26/2020
Iron	25000	32		mg/Kg-dry	10	2/26/2020
Lead	12	0.54		mg/Kg-dry	10	2/26/2020
Magnesium	30000	32		mg/Kg-dry	10	2/26/2020
Manganese	490	1.1		mg/Kg-dry	10	2/26/2020
Nickel	36	1.1		mg/Kg-dry	10	2/26/2020
Potassium	3900	32		mg/Kg-dry	10	2/26/2020
Selenium	ND	1.1		mg/Kg-dry	10	2/26/2020
Silver	ND	1.1		mg/Kg-dry	10	2/26/2020
Sodium	450	65		mg/Kg-dry	10	2/26/2020
Thallium	ND	1.1		mg/Kg-dry	10	2/26/2020
Vanadium	28	1.1		mg/Kg-dry	10	2/26/2020
Zinc	54	5.4		mg/Kg-dry	10	2/26/2020
<b>SPLP Metals by ICP/MS</b>		<b>SW1312/6020A (SW3005A)</b>		Prep Date: <b>2/28/2020</b>		Analyst: <b>JG</b>
Arsenic	ND	0.0040		mg/L	2	2/28/2020
Barium	ND	0.020		mg/L	2	2/28/2020
Beryllium	ND	0.0020		mg/L	2	2/28/2020
Cadmium	ND	0.0020		mg/L	2	2/28/2020
Chromium	0.0057	0.0040		mg/L	2	2/28/2020
Cobalt	ND	0.0040		mg/L	2	2/28/2020
Copper	ND	0.040		mg/L	2	2/28/2020
Iron	2.5	0.10		mg/L	2	2/28/2020
Lead	ND	0.0020		mg/L	2	2/28/2020
Manganese	0.022	0.0040		mg/L	2	2/28/2020
Nickel	ND	0.0040		mg/L	2	2/28/2020
Selenium	ND	0.0040		mg/L	2	2/28/2020
Silver	ND	0.0040		mg/L	2	2/28/2020
Zinc	ND	0.020		mg/L	2	2/28/2020
<b>TCLP Metals by ICP/MS</b>		<b>SW1311/6020A (SW3005A)</b>		Prep Date: <b>2/25/2020</b>		Analyst: <b>MDT</b>
Arsenic	ND	0.010		mg/L	5	2/26/2020
Barium	0.65	0.050		mg/L	5	2/26/2020
Beryllium	ND	0.0050		mg/L	5	2/26/2020
Cadmium	ND	0.0050		mg/L	5	2/26/2020
Chromium	ND	0.010		mg/L	5	2/26/2020
Cobalt	ND	0.010		mg/L	5	2/26/2020
Copper	ND	0.10		mg/L	5	2/26/2020

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

**Qualifiers:**

J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded

**STAT Analysis Corporation**

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: March 13, 2020

Date Printed: March 13, 2020

**ANALYTICAL RESULTS**

Client: Huff &amp; Huff, Inc.

Work Order: 20020556 Revision 0

Project: 81.0220509.75, WO #37, Elk Grove

Lab ID: 20020556-037

Client Sample ID: 2360VZ-26-01 (0-2)

Collection Date: 2/18/2020 9:35:00 AM

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>TCLP Metals by ICP/MS</b>	<b>SW1311/6020A (SW3005A)</b>			Prep Date: <b>2/25/2020</b>		Analyst: <b>MDT</b>
Iron	ND	0.25		mg/L	5	2/26/2020
Lead	ND	0.0050		mg/L	5	2/26/2020
Manganese	4.1	0.010		mg/L	5	2/26/2020
Nickel	ND	0.010		mg/L	5	2/26/2020
Selenium	ND	0.010		mg/L	5	2/26/2020
Silver	ND	0.010		mg/L	5	2/26/2020
Zinc	ND	0.050		mg/L	5	2/26/2020
<b>TCLP Mercury</b>	<b>SW1311/7470A</b>			Prep Date: <b>3/9/2020</b>		Analyst: <b>MDT</b>
Mercury	ND	0.00020		mg/L	1	3/10/2020
<b>SPLP Mercury</b>	<b>SW1312/7470A</b>			Prep Date: <b>3/10/2020</b>		Analyst: <b>LB</b>
Mercury	ND	0.00020		mg/L	1	3/10/2020
<b>Mercury</b>	<b>SW7471B</b>			Prep Date: <b>3/11/2020</b>		Analyst: <b>LB</b>
Mercury	ND	0.022		mg/Kg-dry	1	3/11/2020
<b>pH (25 °C)</b>	<b>SW9045C</b>			Prep Date: <b>2/26/2020</b>		Analyst: <b>FN</b>
pH	8.52			pH Units	1	2/26/2020
<b>Percent Moisture</b>	<b>D2974</b>			Prep Date: <b>2/21/2020</b>		Analyst: <b>FN</b>
Percent Moisture	17.4	0.2	*	wt%	1	2/24/2020

**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



Huff & Huff, a Subsidiary of GZA