



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

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

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

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

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

I. Source Location Information

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

Project Name: FAU 1261 / IL Route 53 at Old Hicks Road Office Phone Number, if available: _____

Physical Site Location (address, including number and street): 2597V-1 (3490 Long Grove Rd),
2597V-7 (3401 Hicks Rd; 2302-2306 Old Hicks Rd)

City: Long Grove State: IL Zip Code: 60049

County: Lake Township: T43N/Vernon

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

Latitude: 42.170149 Longitude: -88.018989
(Decimal Degrees) (-Decimal Degrees)

Identify how the lat/long data were determined:

GPS Map Interpolation Photo Interpolation Survey Other

ISGS Public Land Survey System - Approximate Center of multiple addresses

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

II. Owner/Operator Information for Source Site

Site Owner

Site Operator

Name: Illinois Dept. of Transportation, District 1

Name: Illinois Dept. of Transportation, District 1

Street Address: 201 W Center Court

Street Address: 201 W Center Court

PO Box: _____

PO Box: _____

City: Schaumburg State: IL

City: Schaumburg State: IL

Zip Code: 60196 Phone: 847-705-4101

Zip Code: 60196 Phone: 847-705-4101

Contact: Sam Mead

Contact: Sam Mead

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

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

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

Project Name: FAU 1261 / IL Route 53 at Old Hicks Road

Latitude: 42.170149 Longitude: -88.018989

Uncontaminated Site Certification

III. Basis for Certification and Attachments

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

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

Refer to Figure 4-1.1 in the Final PSI Report and borings 2597V-1-03 (Sta 485+75 to 486+25); 2597V-7-04 and 2597V-7-05 (Sta 497+50 to 500+00)

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

Refer to Tables 4-2 and 4-3 in the Final PSI Report for results summary and STAT Laboratory Report #17080682 and #17080741. 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.

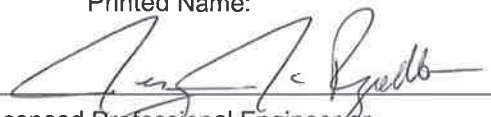
Street Address: 915 Harger Road, Suite 330

City: Oak Brook State: IL Zip Code: 60523

Phone: 630-684-9100

Jeremy J. Reynolds, P.G.

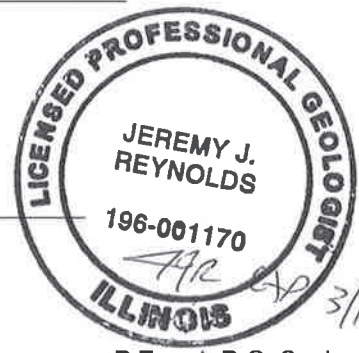
Printed Name:



Licensed Professional Engineer or
Licensed Professional Geologist Signature:

September 22, 2017

Date:



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

LPC-663 Results Table for Sites 2597V-1-03, 7-04, 7-05

Soils for Reuse or Disposal Including CCDD/USFO Facilities in MSA Counties including Chicago

Boring ID	2597V-1-03	2597V-7-04	2597V-7-05	2597V-7-05 (Dup-01)	Soil Reference Concentrations ^{a/}
Sample Depth, ft	0-4	0-4	0-4	0-4	
Sample Date	8/18/2017	8/18/2017	8/18/2017	8/18/2017	
Excavation Area(s)	2597V-1	2597V-7	2597V-7	2597V-7	
[ISGS Site No.(s)]					
Parameter					
Laboratory soil pH (s.u.)	8.07	7	8.13	8.53	<6.25, >9.0
VOCs (mg/kg)	NO EXCEEDANCES				
SVOCs, mg/kg					
Benzo(a)pyrene	< 0.040	< 0.040	0.046	< 0.038	0.09 / 1.3 / 2.1
Total Metals, mg/kg					
Arsenic	13	12	12	7.6	11.3 / 13
Chromium	23	23	24	15	21
Cobalt	18	16	15	11	20
Iron	31000	32000	30000	20000	15,000 / 15,900
Lead	100	38	78	24	107
Manganese	990	1300	780	780	630 / 636
TCLP Metals, mg/L					Class I Groundwater ^{c/}
Cadmium	< 0.0050	< 0.0050	< 0.0050	< 0.0050	0.005
Lead	< 0.0050	0.0093	0.0065	0.0089	0.0075
Manganese	0.15	14	5.5	8.0	0.15
SPLP Metals, mg/L					
Iron	2.4	1.2	9.6	18	5
Lead	0.0099	< 0.0020	0.041	0.023	0.0075
Manganese	0.018	0.011	0.12	0.12	0.15

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

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

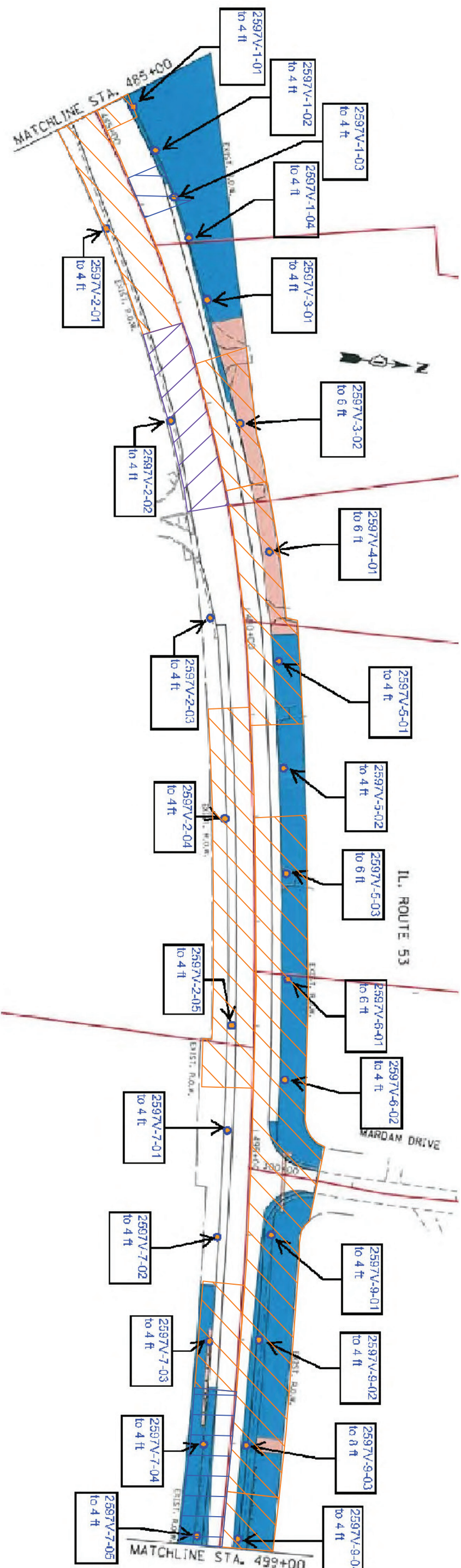
Inorganic Soil Reference Concentrations (xx.xx / xx.xx) Include the Most Stringent values from the MAC Table / and the MSA County Value From the MAC Table as Applicable.

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.

^{c/} Soil Remediation Objective for the Groundwater Component of the Groundwater Ingestion Route, Class I Groundwater

 Shaded values indicate concentration exceeds reference concentration

FIGURE 4-1.1 EXTENT OF POTENTIALLY IMPACTED SOIL



LEGEND

- SOIL BORING LOCATION
- IDENTIFIED SITE W/ TI EXCAVATION
- APPROXIMATE CONSTRUCTION AREA ESTIMATED TO EXCEED SOIL REFERENCE CONCENTRATIONS (R-MOST STRINGENT MAC BUT < BACKGROUND). MATERIAL MAY BE MANAGED ON SITE OR AS NON-SPECIAL WASTE (B-11)
- APPROXIMATE CONSTRUCTION AREA ESTIMATED TO EXCEED THE SOIL REFERENCE CONCENTRATIONS (R-MOST STRINGENT MAC BUT < MAC FOR MSA). MATERIAL MAY BE MANAGED ON-SITE OR TO A CDD/DWFRF WITHIN A MSA COUNTY (B-21)
- APPROXIMATE CONSTRUCTION AREA ESTIMATED TO EXCEED THE SOIL REFERENCE CONCENTRATIONS (R-MOST STRINGENT MAC BUT < MAC FOR MSA OR (1) CDD/DWFRF EXCLUDING CHICAGO OR WITHIN CHICAGO CORPORATE LIMITS (C-1);
- APPROXIMATE CONSTRUCTION AREA ESTIMATED TO EXCEED THE SOIL REFERENCE CONCENTRATIONS (R-MOST STRINGENT MAC BUT < MAC FOR MSA COUNTY EXCLUDING CHICAGO (C-2);
- APPROXIMATE CONSTRUCTION AREA ESTIMATED TO EXCEED THE SOIL REFERENCE CONCENTRATIONS (R-MOST STRINGENT MAC BUT < MAC FOR MSA COUNTY EXCLUDING CHICAGO (C-3);
- APPROXIMATE CONSTRUCTION AREA ESTIMATED TO EXCEED THE SOIL REFERENCE CONCENTRATIONS (R-MOST STRINGENT MAC BUT < MAC FOR MSA COUNTY EXCLUDING CHICAGO (C-4);
- APPROXIMATE CONSTRUCTION AREA ESTIMATED TO NOT EXCEED MOST STRINGENT MAC, YAL WITH SOIL CUTS DE RANGE 6-30 TO 6 TO BE MANAGED ON SITE OR AS UNCONTAMINATED SOIL (U-1);
- APPROXIMATE CONSTRUCTION AREA ESTIMATED TO EXCEED TYPICAL CONSTRUCTION WORKERS REFERENCE CONCENTRATIONS
- AREAS WITH OUTLATHINGS ARE CONSIDERED UNRESTRICTED FOR REUSE AND OFF-SITE DISPOSAL

Summary of Findings:

Sample 2597V-1-01, 2-01, 2-04, 2-05, 3-02, 4-01, 5-01, 5-03, 6-01, 6-02, 7-03, 9-01, 9-02 and 9-03: Total arsenic exceeded the most stringent MAC and the MAC for MSA counties.

Samples 2597V-1-03, 7-04, 7-05, and 9-04: Total arsenic exceeded the most stringent MAC, but achieved the MAC for MSA counties.

Sample 2597V-2-01: Lead (total, TCLP, and SPLP) exceeded the MAC.

Sample 2597V-2-02: Soil pH exceeded the MAC.

Samples 2597V-5-03, 7-03, and 9-01: Manganese (total, TCLP, and SPLP) exceeded the MAC.

Sample 2597V-2-05: Manganese (TCLP and SPLP only) exceeded the MAC.

Samples 2597V-1-01 and 7-05: Lead (TCLP and SPLP only) exceeded the MAC.

Samples 2597V-4-01 and 9-01: Benzo(a)pyrene exceeded the most stringent MAC, but achieved the MAC for Chicago Corporate Limit and the MAC for MSA counties. Benzo(a)pyrene also exceeded the most stringent Tier 1 SRO for residential properties.

Samples 2597V-6-02, 9-03, and 9-04: Total manganese exceeded the most stringent Tier 1 SRO for residential properties.

FILE NAME = _____ USER NAME = _____ PLOT SCALE = _____ PLOT DATE = _____	DESIGNED - _____ DRAWN - _____ CHECKED - _____ DATE - _____	REVISED - _____ REVISED - _____ REVISED - _____ REVISED - _____
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		
SCALE: 1" = 100'	SHEET NO. 1 OF 2 SHEETS STA. _____	TO STA. _____
FEAL RTE. 1281	PESA RESPONSE EXHIBIT IL 53 AT OLD HICKS RD.	SECTION S30N-3 COUNTY LAKE TOTAL SHEETS NO. 2 SHEETS 1
ILLINOIS CONTRACT NO. _____		

STAT Analysis Corporation

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

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

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

Report Date: August 30, 2017

ANALYTICAL RESULTS

Print Date: August 30, 2017

Client: Huff & Huff, Inc.

Client Sample ID: 2597V-1-03 (0-4)

Work Order: 17080682 Revision 0

Tag Number:

Project: 81.0220509.08, 2597V-IL 53 at Hick Road, Long Gr Collection Date: 8/18/2017 11:34:00 AM

Lab ID: 17080682-004A

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS	SW5035/8260B		Prep Date: 8/22/2017		Analyst: ERP	
Acetone	ND	0.069		mg/Kg-dry	1	8/23/2017
Benzene	ND	0.0046		mg/Kg-dry	1	8/23/2017
Bromodichloromethane	ND	0.0046		mg/Kg-dry	1	8/23/2017
Bromoform	ND	0.0046		mg/Kg-dry	1	8/23/2017
Bromomethane	ND	0.0093		mg/Kg-dry	1	8/23/2017
2-Butanone	ND	0.069		mg/Kg-dry	1	8/23/2017
Carbon disulfide	ND	0.046		mg/Kg-dry	1	8/23/2017
Carbon tetrachloride	ND	0.0046		mg/Kg-dry	1	8/23/2017
Chlorobenzene	ND	0.0046		mg/Kg-dry	1	8/23/2017
Chloroethane	ND	0.0093		mg/Kg-dry	1	8/23/2017
Chloroform	ND	0.0046		mg/Kg-dry	1	8/23/2017
Chloromethane	ND	0.0093		mg/Kg-dry	1	8/23/2017
Dibromochloromethane	ND	0.0046		mg/Kg-dry	1	8/23/2017
1,1-Dichloroethane	ND	0.0046		mg/Kg-dry	1	8/23/2017
1,2-Dichloroethane	ND	0.0046		mg/Kg-dry	1	8/23/2017
1,1-Dichloroethene	ND	0.0046		mg/Kg-dry	1	8/23/2017
cis-1,2-Dichloroethene	ND	0.0046		mg/Kg-dry	1	8/23/2017
trans-1,2-Dichloroethene	ND	0.0046		mg/Kg-dry	1	8/23/2017
1,2-Dichloropropane	ND	0.0046		mg/Kg-dry	1	8/23/2017
cis-1,3-Dichloropropene	ND	0.0019		mg/Kg-dry	1	8/23/2017
trans-1,3-Dichloropropene	ND	0.0019		mg/Kg-dry	1	8/23/2017
Ethylbenzene	ND	0.0046		mg/Kg-dry	1	8/23/2017
2-Hexanone	ND	0.019		mg/Kg-dry	1	8/23/2017
4-Methyl-2-pentanone	ND	0.019		mg/Kg-dry	1	8/23/2017
Methylene chloride	ND	0.0093		mg/Kg-dry	1	8/23/2017
Methyl tert-butyl ether	ND	0.0046		mg/Kg-dry	1	8/23/2017
Styrene	ND	0.0046		mg/Kg-dry	1	8/23/2017
1,1,2,2-Tetrachloroethane	ND	0.0046		mg/Kg-dry	1	8/23/2017
Tetrachloroethene	ND	0.0046		mg/Kg-dry	1	8/23/2017
Toluene	ND	0.0046		mg/Kg-dry	1	8/23/2017
1,1,1-Trichloroethane	ND	0.0046		mg/Kg-dry	1	8/23/2017
1,1,2-Trichloroethane	ND	0.0046		mg/Kg-dry	1	8/23/2017
Trichloroethene	ND	0.0046		mg/Kg-dry	1	8/23/2017
Vinyl chloride	ND	0.0046		mg/Kg-dry	1	8/23/2017
Xylenes, Total	ND	0.014		mg/Kg-dry	1	8/23/2017

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

STAT Analysis Corporation

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

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

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

Report Date: August 30, 2017

ANALYTICAL RESULTS

Print Date: August 30, 2017

Client: Huff & Huff, Inc.

Client Sample ID: 2597V-1-03 (0-4)

Work Order: 17080682 Revision 0

Tag Number:

Project: 81.0220509.08, 2597V-IL 53 at Hick Road, Long Gr Collection Date: 8/18/2017 11:34:00 AM

Lab ID: 17080682-004B

Matrix: Soil

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

Semivolatile Organic Compounds by GC/MS	SW8270C (SW3550B)	Prep Date: 8/24/2017			Analyst: DM
---	-------------------	----------------------	--	--	-------------

Acenaphthene	ND	0.040		mg/Kg-dry	1	8/24/2017
Acenaphthylene	ND	0.040		mg/Kg-dry	1	8/24/2017
Aniline	ND	0.40		mg/Kg-dry	1	8/24/2017
Anthracene	ND	0.040		mg/Kg-dry	1	8/24/2017
Benz(a)anthracene	ND	0.040		mg/Kg-dry	1	8/24/2017
Benzidine	ND	0.40		mg/Kg-dry	1	8/24/2017
Benzo(a)pyrene	ND	0.040		mg/Kg-dry	1	8/24/2017
Benzo(b)fluoranthene	ND	0.040		mg/Kg-dry	1	8/24/2017
Benzo(g,h,i)perylene	ND	0.040		mg/Kg-dry	1	8/24/2017
Benzo(k)fluoranthene	ND	0.040		mg/Kg-dry	1	8/24/2017
Benzoic acid	ND	1.0		mg/Kg-dry	1	8/24/2017
Benzyl alcohol	ND	0.20		mg/Kg-dry	1	8/24/2017
Bis(2-chloroethoxy)methane	ND	0.20		mg/Kg-dry	1	8/24/2017
Bis(2-chloroethyl)ether	ND	0.20		mg/Kg-dry	1	8/24/2017
Bis(2-ethylhexyl)phthalate	ND	1.0		mg/Kg-dry	1	8/24/2017
4-Bromophenyl phenyl ether	ND	0.20		mg/Kg-dry	1	8/24/2017
Butyl benzyl phthalate	ND	0.20		mg/Kg-dry	1	8/24/2017
Carbazole	ND	0.20		mg/Kg-dry	1	8/24/2017
4-Chloroaniline	ND	0.20		mg/Kg-dry	1	8/24/2017
4-Chloro-3-methylphenol	ND	0.40		mg/Kg-dry	1	8/24/2017
2-Chloronaphthalene	ND	0.20		mg/Kg-dry	1	8/24/2017
2-Chlorophenol	ND	0.20		mg/Kg-dry	1	8/24/2017
4-Chlorophenyl phenyl ether	ND	0.20		mg/Kg-dry	1	8/24/2017
Chrysene	ND	0.040		mg/Kg-dry	1	8/24/2017
Dibenz(a,h)anthracene	ND	0.040		mg/Kg-dry	1	8/24/2017
Dibenzofuran	ND	0.20		mg/Kg-dry	1	8/24/2017
1,2-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	8/24/2017
1,3-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	8/24/2017
1,4-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	8/24/2017
3,3'-Dichlorobenzidine	ND	0.20		mg/Kg-dry	1	8/24/2017
2,4-Dichlorophenol	ND	0.20		mg/Kg-dry	1	8/24/2017
Diethyl phthalate	ND	0.20		mg/Kg-dry	1	8/24/2017
2,4-Dimethylphenol	ND	0.20		mg/Kg-dry	1	8/24/2017
Dimethyl phthalate	ND	0.20		mg/Kg-dry	1	8/24/2017
4,6-Dinitro-2-methylphenol	ND	0.40		mg/Kg-dry	1	8/24/2017
2,4-Dinitrophenol	ND	1.0		mg/Kg-dry	1	8/24/2017
2,4-Dinitrotoluene	ND	0.040		mg/Kg-dry	1	8/24/2017
2,6-Dinitrotoluene	ND	0.040		mg/Kg-dry	1	8/24/2017

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

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

STAT Analysis Corporation

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

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

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

Report Date: August 30, 2017

ANALYTICAL RESULTS

Print Date: August 30, 2017

Client: Huff & Huff, Inc.

Client Sample ID: 2597V-1-03 (0-4)

Work Order: 17080682 Revision 0

Tag Number:

Project: 81.0220509.08, 2597V-IL 53 at Hick Road, Long Gr Collection Date: 8/18/2017 11:34:00 AM

Lab ID: 17080682-004B

Matrix: Soil

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

Semivolatile Organic Compounds by GC/MS SW8270C (SW3550B) Prep Date: 8/24/2017 Analyst: DM

Di-n-butyl phthalate	ND	0.20		mg/Kg-dry	1	8/24/2017
Di-n-octyl phthalate	ND	0.20		mg/Kg-dry	1	8/24/2017
Fluoranthene	ND	0.040		mg/Kg-dry	1	8/24/2017
Fluorene	ND	0.040		mg/Kg-dry	1	8/24/2017
Hexachlorobenzene	ND	0.20		mg/Kg-dry	1	8/24/2017
Hexachlorobutadiene	ND	0.20		mg/Kg-dry	1	8/24/2017
Hexachlorocyclopentadiene	ND	0.20		mg/Kg-dry	1	8/24/2017
Hexachloroethane	ND	0.20		mg/Kg-dry	1	8/24/2017
Indeno(1,2,3-cd)pyrene	ND	0.040		mg/Kg-dry	1	8/24/2017
Isophorone	ND	0.20		mg/Kg-dry	1	8/24/2017
2-Methylnaphthalene	ND	0.20		mg/Kg-dry	1	8/24/2017
2-Methylphenol	ND	0.20		mg/Kg-dry	1	8/24/2017
4-Methylphenol	ND	0.20		mg/Kg-dry	1	8/24/2017
Naphthalene	ND	0.040		mg/Kg-dry	1	8/24/2017
2-Nitroaniline	ND	0.20		mg/Kg-dry	1	8/24/2017
3-Nitroaniline	ND	0.20		mg/Kg-dry	1	8/24/2017
4-Nitroaniline	ND	0.20		mg/Kg-dry	1	8/24/2017
2-Nitrophenol	ND	0.20		mg/Kg-dry	1	8/24/2017
4-Nitrophenol	ND	0.40		mg/Kg-dry	1	8/24/2017
Nitrobenzene	ND	0.040		mg/Kg-dry	1	8/24/2017
N-Nitrosodi-n-propylamine	ND	0.040		mg/Kg-dry	1	8/24/2017
N-Nitrosodimethylamine	ND	0.20		mg/Kg-dry	1	8/24/2017
N-Nitrosodiphenylamine	ND	0.20		mg/Kg-dry	1	8/24/2017
2, 2'-oxybis(1-Chloropropane)	ND	0.20		mg/Kg-dry	1	8/24/2017
Pentachlorophenol	ND	0.081		mg/Kg-dry	1	8/24/2017
Phenanthrene	ND	0.040		mg/Kg-dry	1	8/24/2017
Phenol	ND	0.20		mg/Kg-dry	1	8/24/2017
Pyrene	ND	0.040		mg/Kg-dry	1	8/24/2017
Pyridine	ND	0.81		mg/Kg-dry	1	8/24/2017
1,2,4-Trichlorobenzene	ND	0.20		mg/Kg-dry	1	8/24/2017
2,4,5-Trichlorophenol	ND	0.20		mg/Kg-dry	1	8/24/2017
2,4,6-Trichlorophenol	ND	0.20		mg/Kg-dry	1	8/24/2017

Metals by ICP/MS SW6020 (SW3050B) Prep Date: 8/23/2017 Analyst: JG

Antimony	ND	2.2		mg/Kg-dry	10	8/23/2017
Arsenic	13	1.1		mg/Kg-dry	10	8/23/2017
Barium	82	1.1		mg/Kg-dry	10	8/23/2017
Beryllium	0.83	0.55		mg/Kg-dry	10	8/23/2017
Cadmium	ND	0.55		mg/Kg-dry	10	8/23/2017

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

STAT Analysis Corporation

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

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

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

Report Date: August 30, 2017

ANALYTICAL RESULTS

Print Date: August 30, 2017

Client: Huff & Huff, Inc.

Client Sample ID: 2597V-1-03 (0-4)

Work Order: 17080682 Revision 0

Tag Number:

Project: 81.0220509.08, 2597V-IL 53 at Hick Road, Long Gr Collection Date: 8/18/2017 11:34:00 AM

Lab ID: 17080682-004B

Matrix: Soil

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

Metals by ICP/MS

SW6020 (SW3050B)

Prep Date: 8/23/2017

Analyst: JG

Calcium	33000	65		mg/Kg-dry	10	8/23/2017
Chromium	23	1.1		mg/Kg-dry	10	8/23/2017
Cobalt	18	1.1		mg/Kg-dry	10	8/23/2017
Copper	35	2.7		mg/Kg-dry	10	8/23/2017
Iron	31000	33		mg/Kg-dry	10	8/23/2017
Lead	100	0.55		mg/Kg-dry	10	8/23/2017
Magnesium	21000	33		mg/Kg-dry	10	8/23/2017
Manganese	990	1.1		mg/Kg-dry	10	8/23/2017
Nickel	35	1.1		mg/Kg-dry	10	8/23/2017
Potassium	2200	33		mg/Kg-dry	10	8/23/2017
Selenium	ND	1.1		mg/Kg-dry	10	8/23/2017
Silver	ND	1.1		mg/Kg-dry	10	8/23/2017
Sodium	470	65		mg/Kg-dry	10	8/23/2017
Thallium	ND	1.1		mg/Kg-dry	10	8/23/2017
Vanadium	31	1.1		mg/Kg-dry	10	8/23/2017
Zinc	99	5.5		mg/Kg-dry	10	8/23/2017

SPLP Metals by ICP/MS

SW1312/6020 (SW3005A)

Prep Date: 8/22/2017

Analyst: JG

Arsenic	ND	0.0040		mg/L	2	8/23/2017
Barium	ND	0.020		mg/L	2	8/23/2017
Beryllium	ND	0.0020		mg/L	2	8/23/2017
Cadmium	ND	0.0020		mg/L	2	8/23/2017
Chromium	ND	0.0040		mg/L	2	8/23/2017
Cobalt	ND	0.0040		mg/L	2	8/23/2017
Copper	ND	0.040		mg/L	2	8/23/2017
Iron	2.4	0.10		mg/L	2	8/23/2017
Lead	0.0099	0.0020		mg/L	2	8/23/2017
Manganese	0.018	0.0040		mg/L	2	8/23/2017
Nickel	0.0041	0.0040		mg/L	2	8/23/2017
Selenium	ND	0.0040		mg/L	2	8/23/2017
Silver	ND	0.0040		mg/L	2	8/23/2017
Zinc	0.029	0.020		mg/L	2	8/23/2017

TCLP Metals by ICP/MS

SW1311/6020 (SW3005A)

Prep Date: 8/24/2017

Analyst: JG

Arsenic	ND	0.010		mg/L	5	8/24/2017
Barium	0.24	0.050		mg/L	5	8/24/2017
Beryllium	ND	0.0050		mg/L	5	8/24/2017
Cadmium	ND	0.0050		mg/L	5	8/25/2017
Chromium	ND	0.010		mg/L	5	8/24/2017

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

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

STAT Analysis Corporation

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

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

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

Report Date: August 30, 2017

ANALYTICAL RESULTS

Print Date: August 30, 2017

Client: Huff & Huff, Inc.

Client Sample ID: 2597V-1-03 (0-4)

Work Order: 17080682 Revision 0

Tag Number:

Project: 81.0220509.08, 2597V-IL 53 at Hick Road, Long Gr Collection Date: 8/18/2017 11:34:00 AM

Lab ID: 17080682-004B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
TCLP Metals by ICP/MS	SW1311/6020 (SW3005A)		Prep Date: 8/24/2017		Analyst: JG	
Cobalt	ND	0.010		mg/L	5	8/24/2017
Copper	ND	0.10		mg/L	5	8/24/2017
Iron	ND	0.25		mg/L	5	8/24/2017
Lead	ND	0.0050		mg/L	5	8/24/2017
Manganese	0.15	0.010		mg/L	5	8/24/2017
Nickel	0.021	0.010		mg/L	5	8/24/2017
Selenium	ND	0.010		mg/L	5	8/24/2017
Silver	ND	0.010		mg/L	5	8/24/2017
Zinc	0.067	0.050		mg/L	5	8/24/2017
TCLP Mercury	SW1311/7470A		Prep Date: 8/23/2017		Analyst: LB	
Mercury	ND	0.00020		mg/L	1	8/24/2017
SPLP Mercury	SW1312/7470A		Prep Date: 8/22/2017		Analyst: LB	
Mercury	ND	0.00020		mg/L	1	8/23/2017
Mercury	SW7471A		Prep Date: 8/22/2017		Analyst: LB	
Mercury	0.035	0.023		mg/Kg-dry	1	8/22/2017
pH (25 °C)	SW9045C		Prep Date: 8/24/2017		Analyst: RW	
pH	8.07			pH Units	1	8/24/2017
Percent Moisture	D2974		Prep Date: 8/21/2017		Analyst: KKA	
Percent Moisture	17.1	0.2	*	wt%	1	8/22/2017

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

HT - Sample received past holding time

* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

H - Holding time exceeded

STAT Analysis Corporation

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

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

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

Report Date: August 30, 2017

ANALYTICAL RESULTS

Print Date: August 30, 2017

Client: Huff & Huff, Inc.

Client Sample ID: 2597V-7-04 (0-4)

Work Order: 17080682 Revision 0

Tag Number:

Project: 81.0220509.08, 2597V-IL 53 at Hick Road, Long Gr Collection Date: 8/18/2017 10:04:00 AM

Lab ID: 17080682-025A

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS	SW5035/8260B		Prep Date: 8/22/2017		Analyst: ERP	
Acetone	ND	0.089		mg/Kg-dry	1	8/24/2017
Benzene	ND	0.0059		mg/Kg-dry	1	8/24/2017
Bromodichloromethane	ND	0.0059		mg/Kg-dry	1	8/24/2017
Bromoform	ND	0.0059		mg/Kg-dry	1	8/24/2017
Bromomethane	ND	0.012		mg/Kg-dry	1	8/24/2017
2-Butanone	ND	0.089		mg/Kg-dry	1	8/24/2017
Carbon disulfide	ND	0.059		mg/Kg-dry	1	8/24/2017
Carbon tetrachloride	ND	0.0059		mg/Kg-dry	1	8/24/2017
Chlorobenzene	ND	0.0059		mg/Kg-dry	1	8/24/2017
Chloroethane	ND	0.012		mg/Kg-dry	1	8/24/2017
Chloroform	ND	0.0059		mg/Kg-dry	1	8/24/2017
Chloromethane	ND	0.012		mg/Kg-dry	1	8/24/2017
Dibromochloromethane	ND	0.0059		mg/Kg-dry	1	8/24/2017
1,1-Dichloroethane	ND	0.0059		mg/Kg-dry	1	8/24/2017
1,2-Dichloroethane	ND	0.0059		mg/Kg-dry	1	8/24/2017
1,1-Dichloroethene	ND	0.0059		mg/Kg-dry	1	8/24/2017
cis-1,2-Dichloroethene	ND	0.0059		mg/Kg-dry	1	8/24/2017
trans-1,2-Dichloroethene	ND	0.0059		mg/Kg-dry	1	8/24/2017
1,2-Dichloropropane	ND	0.0059		mg/Kg-dry	1	8/24/2017
cis-1,3-Dichloropropene	ND	0.0024		mg/Kg-dry	1	8/24/2017
trans-1,3-Dichloropropene	ND	0.0024		mg/Kg-dry	1	8/24/2017
Ethylbenzene	ND	0.0059		mg/Kg-dry	1	8/24/2017
2-Hexanone	ND	0.024		mg/Kg-dry	1	8/24/2017
4-Methyl-2-pentanone	ND	0.024		mg/Kg-dry	1	8/24/2017
Methylene chloride	ND	0.012		mg/Kg-dry	1	8/24/2017
Methyl tert-butyl ether	ND	0.0059		mg/Kg-dry	1	8/24/2017
Styrene	ND	0.0059		mg/Kg-dry	1	8/24/2017
1,1,2,2-Tetrachloroethane	ND	0.0059		mg/Kg-dry	1	8/24/2017
Tetrachloroethene	ND	0.0059		mg/Kg-dry	1	8/24/2017
Toluene	ND	0.0059		mg/Kg-dry	1	8/24/2017
1,1,1-Trichloroethane	ND	0.0059		mg/Kg-dry	1	8/24/2017
1,1,2-Trichloroethane	ND	0.0059		mg/Kg-dry	1	8/24/2017
Trichloroethene	ND	0.0059		mg/Kg-dry	1	8/24/2017
Vinyl chloride	ND	0.0059		mg/Kg-dry	1	8/24/2017
Xylenes, Total	ND	0.018		mg/Kg-dry	1	8/24/2017

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

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

STAT Analysis Corporation

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

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

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

Report Date: August 30, 2017

ANALYTICAL RESULTS

Print Date: August 30, 2017

Client: Huff & Huff, Inc.

Client Sample ID: 2597V-7-04 (0-4)

Work Order: 17080682 Revision 0

Tag Number:

Project: 81.0220509.08, 2597V-IL 53 at Hick Road, Long Gr Collection Date: 8/18/2017 10:04:00 AM

Lab ID: 17080682-025B

Matrix: Soil

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

Semivolatile Organic Compounds by GC/MS	SW8270C (SW3550B)	Prep Date: 8/24/2017	Analyst: DM
---	-------------------	----------------------	-------------

Acenaphthene	ND	0.040	mg/Kg-dry	1	8/25/2017
Acenaphthylene	ND	0.040	mg/Kg-dry	1	8/25/2017
Aniline	ND	0.40	mg/Kg-dry	1	8/25/2017
Anthracene	ND	0.040	mg/Kg-dry	1	8/25/2017
Benz(a)anthracene	ND	0.040	mg/Kg-dry	1	8/25/2017
Benzidine	ND	0.40	mg/Kg-dry	1	8/25/2017
Benzo(a)pyrene	ND	0.040	mg/Kg-dry	1	8/25/2017
Benzo(b)fluoranthene	ND	0.040	mg/Kg-dry	1	8/25/2017
Benzo(g,h,i)perylene	ND	0.040	mg/Kg-dry	1	8/25/2017
Benzo(k)fluoranthene	ND	0.040	mg/Kg-dry	1	8/25/2017
Benzoic acid	ND	1.0	mg/Kg-dry	1	8/25/2017
Benzyl alcohol	ND	0.20	mg/Kg-dry	1	8/25/2017
Bis(2-chloroethoxy)methane	ND	0.20	mg/Kg-dry	1	8/25/2017
Bis(2-chloroethyl)ether	ND	0.20	mg/Kg-dry	1	8/25/2017
Bis(2-ethylhexyl)phthalate	ND	1.0	mg/Kg-dry	1	8/25/2017
4-Bromophenyl phenyl ether	ND	0.20	mg/Kg-dry	1	8/25/2017
Butyl benzyl phthalate	ND	0.20	mg/Kg-dry	1	8/25/2017
Carbazole	ND	0.20	mg/Kg-dry	1	8/25/2017
4-Chloroaniline	ND	0.20	mg/Kg-dry	1	8/25/2017
4-Chloro-3-methylphenol	ND	0.40	mg/Kg-dry	1	8/25/2017
2-Chloronaphthalene	ND	0.20	mg/Kg-dry	1	8/25/2017
2-Chlorophenol	ND	0.20	mg/Kg-dry	1	8/25/2017
4-Chlorophenyl phenyl ether	ND	0.20	mg/Kg-dry	1	8/25/2017
Chrysene	ND	0.040	mg/Kg-dry	1	8/25/2017
Dibenz(a,h)anthracene	ND	0.040	mg/Kg-dry	1	8/25/2017
Dibenzofuran	ND	0.20	mg/Kg-dry	1	8/25/2017
1,2-Dichlorobenzene	ND	0.20	mg/Kg-dry	1	8/25/2017
1,3-Dichlorobenzene	ND	0.20	mg/Kg-dry	1	8/25/2017
1,4-Dichlorobenzene	ND	0.20	mg/Kg-dry	1	8/25/2017
3,3'-Dichlorobenzidine	ND	0.20	mg/Kg-dry	1	8/25/2017
2,4-Dichlorophenol	ND	0.20	mg/Kg-dry	1	8/25/2017
Diethyl phthalate	ND	0.20	mg/Kg-dry	1	8/25/2017
2,4-Dimethylphenol	ND	0.20	mg/Kg-dry	1	8/25/2017
Dimethyl phthalate	ND	0.20	mg/Kg-dry	1	8/25/2017
4,6-Dinitro-2-methylphenol	ND	0.40	mg/Kg-dry	1	8/25/2017
2,4-Dinitrophenol	ND	1.0	mg/Kg-dry	1	8/25/2017
2,4-Dinitrotoluene	ND	0.040	mg/Kg-dry	1	8/25/2017
2,6-Dinitrotoluene	ND	0.040	mg/Kg-dry	1	8/25/2017

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

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

STAT Analysis Corporation

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

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

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

Report Date: August 30, 2017

ANALYTICAL RESULTS

Print Date: August 30, 2017

Client: Huff & Huff, Inc.

Client Sample ID: 2597V-7-04 (0-4)

Work Order: 17080682 Revision 0

Tag Number:

Project: 81.0220509.08, 2597V-IL 53 at Hick Road, Long Gr Collection Date: 8/18/2017 10:04:00 AM

Lab ID: 17080682-025B

Matrix: Soil

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

Semivolatile Organic Compounds by GC/MS SW8270C (SW3550B) Prep Date: 8/24/2017 Analyst: DM

Di-n-butyl phthalate	ND	0.20		mg/Kg-dry	1	8/25/2017
Di-n-octyl phthalate	ND	0.20		mg/Kg-dry	1	8/25/2017
Fluoranthene	ND	0.040		mg/Kg-dry	1	8/25/2017
Fluorene	ND	0.040		mg/Kg-dry	1	8/25/2017
Hexachlorobenzene	ND	0.20		mg/Kg-dry	1	8/25/2017
Hexachlorobutadiene	ND	0.20		mg/Kg-dry	1	8/25/2017
Hexachlorocyclopentadiene	ND	0.20		mg/Kg-dry	1	8/25/2017
Hexachloroethane	ND	0.20		mg/Kg-dry	1	8/25/2017
Indeno(1,2,3-cd)pyrene	ND	0.040		mg/Kg-dry	1	8/25/2017
Isophorone	ND	0.20		mg/Kg-dry	1	8/25/2017
2-Methylnaphthalene	ND	0.20		mg/Kg-dry	1	8/25/2017
2-Methylphenol	ND	0.20		mg/Kg-dry	1	8/25/2017
4-Methylphenol	ND	0.20		mg/Kg-dry	1	8/25/2017
Naphthalene	ND	0.040		mg/Kg-dry	1	8/25/2017
2-Nitroaniline	ND	0.20		mg/Kg-dry	1	8/25/2017
3-Nitroaniline	ND	0.20		mg/Kg-dry	1	8/25/2017
4-Nitroaniline	ND	0.20		mg/Kg-dry	1	8/25/2017
2-Nitrophenol	ND	0.20		mg/Kg-dry	1	8/25/2017
4-Nitrophenol	ND	0.40		mg/Kg-dry	1	8/25/2017
Nitrobenzene	ND	0.040		mg/Kg-dry	1	8/25/2017
N-Nitrosodi-n-propylamine	ND	0.040		mg/Kg-dry	1	8/25/2017
N-Nitrosodimethylamine	ND	0.20		mg/Kg-dry	1	8/25/2017
N-Nitrosodiphenylamine	ND	0.20		mg/Kg-dry	1	8/25/2017
2, 2'-oxybis(1-Chloropropane)	ND	0.20		mg/Kg-dry	1	8/25/2017
Pentachlorophenol	ND	0.080		mg/Kg-dry	1	8/25/2017
Phenanthrene	ND	0.040		mg/Kg-dry	1	8/25/2017
Phenol	ND	0.20		mg/Kg-dry	1	8/25/2017
Pyrene	ND	0.040		mg/Kg-dry	1	8/25/2017
Pyridine	ND	0.80		mg/Kg-dry	1	8/25/2017
1,2,4-Trichlorobenzene	ND	0.20		mg/Kg-dry	1	8/25/2017
2,4,5-Trichlorophenol	ND	0.20		mg/Kg-dry	1	8/25/2017
2,4,6-Trichlorophenol	ND	0.20		mg/Kg-dry	1	8/25/2017

Metals by ICP/MS SW6020 (SW3050B) Prep Date: 8/23/2017 Analyst: JG

Antimony	ND	2.2		mg/Kg-dry	10	8/24/2017
Arsenic	12	1.1		mg/Kg-dry	10	8/24/2017
Barium	110	1.1		mg/Kg-dry	10	8/24/2017
Beryllium	0.83	0.54		mg/Kg-dry	10	8/24/2017
Cadmium	ND	0.54		mg/Kg-dry	10	8/24/2017

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

STAT Analysis Corporation

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

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

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

Report Date: August 30, 2017

ANALYTICAL RESULTS

Print Date: August 30, 2017

Client: Huff & Huff, Inc.

Client Sample ID: 2597V-7-04 (0-4)

Work Order: 17080682 Revision 0

Tag Number:

Project: 81.0220509.08, 2597V-IL 53 at Hick Road, Long Gr Collection Date: 8/18/2017 10:04:00 AM

Lab ID: 17080682-025B

Matrix: Soil

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

Metals by ICP/MS

SW6020 (SW3050B)

Prep Date: 8/23/2017

Analyst: JG

Calcium	33000	65		mg/Kg-dry	10	8/24/2017
Chromium	23	1.1		mg/Kg-dry	10	8/24/2017
Cobalt	16	1.1		mg/Kg-dry	10	8/24/2017
Copper	31	2.7		mg/Kg-dry	10	8/24/2017
Iron	32000	32		mg/Kg-dry	10	8/24/2017
Lead	38	0.54		mg/Kg-dry	10	8/24/2017
Magnesium	19000	32		mg/Kg-dry	10	8/24/2017
Manganese	1300	1.1		mg/Kg-dry	10	8/24/2017
Nickel	30	1.1		mg/Kg-dry	10	8/24/2017
Potassium	1800	32		mg/Kg-dry	10	8/24/2017
Selenium	ND	1.1		mg/Kg-dry	10	8/24/2017
Silver	ND	1.1		mg/Kg-dry	10	8/24/2017
Sodium	1400	65		mg/Kg-dry	10	8/24/2017
Thallium	ND	1.1		mg/Kg-dry	10	8/24/2017
Vanadium	32	1.1		mg/Kg-dry	10	8/24/2017
Zinc	77	5.4		mg/Kg-dry	10	8/24/2017

SPLP Metals by ICP/MS

SW1312/6020 (SW3005A)

Prep Date: 8/22/2017

Analyst: JG

Arsenic	ND	0.0040		mg/L	2	8/23/2017
Barium	ND	0.020		mg/L	2	8/23/2017
Beryllium	ND	0.0020		mg/L	2	8/23/2017
Cadmium	ND	0.0020		mg/L	2	8/23/2017
Chromium	ND	0.0040		mg/L	2	8/23/2017
Cobalt	ND	0.0040		mg/L	2	8/23/2017
Copper	ND	0.040		mg/L	2	8/23/2017
Iron	1.2	0.10		mg/L	2	8/23/2017
Lead	ND	0.0020		mg/L	2	8/23/2017
Manganese	0.011	0.0040		mg/L	2	8/23/2017
Nickel	ND	0.0040		mg/L	2	8/23/2017
Selenium	ND	0.0040		mg/L	2	8/23/2017
Silver	ND	0.0040		mg/L	2	8/23/2017
Zinc	ND	0.020		mg/L	2	8/23/2017

TCLP Metals by ICP/MS

SW1311/6020 (SW3005A)

Prep Date: 8/23/2017

Analyst: JG

Arsenic	ND	0.010		mg/L	5	8/26/2017
Barium	0.59	0.050		mg/L	5	8/26/2017
Beryllium	ND	0.0050		mg/L	5	8/26/2017
Cadmium	ND	0.0050		mg/L	5	8/26/2017
Chromium	ND	0.010		mg/L	5	8/26/2017

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

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

STAT Analysis Corporation

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

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

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

Report Date: August 30, 2017

ANALYTICAL RESULTS

Print Date: August 30, 2017

Client: Huff & Huff, Inc.

Client Sample ID: 2597V-7-04 (0-4)

Work Order: 17080682 Revision 0

Tag Number:

Project: 81.0220509.08, 2597V-IL 53 at Hick Road, Long Gr Collection Date: 8/18/2017 10:04:00 AM

Lab ID: 17080682-025B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
TCLP Metals by ICP/MS	SW1311/6020 (SW3005A)		Prep Date: 8/23/2017		Analyst: JG	
Cobalt	0.052	0.010		mg/L	5	8/26/2017
Copper	ND	0.10		mg/L	5	8/26/2017
Iron	1.4	0.25		mg/L	5	8/26/2017
Lead	0.0093	0.0050		mg/L	5	8/26/2017
Manganese	14	0.010		mg/L	5	8/26/2017
Nickel	0.048	0.010		mg/L	5	8/26/2017
Selenium	ND	0.010		mg/L	5	8/26/2017
Silver	ND	0.010		mg/L	5	8/26/2017
Zinc	0.14	0.050		mg/L	5	8/26/2017
TCLP Mercury	SW1311/7470A		Prep Date: 8/23/2017		Analyst: LB	
Mercury	ND	0.00020		mg/L	1	8/23/2017
SPLP Mercury	SW1312/7470A		Prep Date: 8/22/2017		Analyst: LB	
Mercury	ND	0.00025		mg/L	1	8/23/2017
Mercury	SW7471A		Prep Date: 8/22/2017		Analyst: LB	
Mercury	0.043	0.021		mg/Kg-dry	1	8/23/2017
pH (25 °C)	SW9045C		Prep Date: 8/24/2017		Analyst: RW	
pH	7.00			pH Units	1	8/24/2017
Percent Moisture	D2974		Prep Date: 8/21/2017		Analyst: KKA	
Percent Moisture	17.4	0.2	*	wt%	1	8/22/2017

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

HT - Sample received past holding time

* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

H - Holding time exceeded

STAT Analysis Corporation

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

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

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

Report Date: August 30, 2017

ANALYTICAL RESULTS

Print Date: August 30, 2017

Client: Huff & Huff, Inc.

Client Sample ID: 2597V-7-05 (0-4)

Work Order: 17080682 Revision 0

Tag Number:

Project: 81.0220509.08, 2597V-IL 53 at Hick Road, Long Gr Collection Date: 8/18/2017 10:11:00 AM

Lab ID: 17080682-026A

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS	SW5035/8260B		Prep Date: 8/22/2017		Analyst: ERP	
Acetone	ND	0.069		mg/Kg-dry	1	8/24/2017
Benzene	ND	0.0046		mg/Kg-dry	1	8/24/2017
Bromodichloromethane	ND	0.0046		mg/Kg-dry	1	8/24/2017
Bromoform	ND	0.0046		mg/Kg-dry	1	8/24/2017
Bromomethane	ND	0.0092		mg/Kg-dry	1	8/24/2017
2-Butanone	ND	0.069		mg/Kg-dry	1	8/24/2017
Carbon disulfide	ND	0.046		mg/Kg-dry	1	8/24/2017
Carbon tetrachloride	ND	0.0046		mg/Kg-dry	1	8/24/2017
Chlorobenzene	ND	0.0046		mg/Kg-dry	1	8/24/2017
Chloroethane	ND	0.0092		mg/Kg-dry	1	8/24/2017
Chloroform	ND	0.0046		mg/Kg-dry	1	8/24/2017
Chloromethane	ND	0.0092		mg/Kg-dry	1	8/24/2017
Dibromochloromethane	ND	0.0046		mg/Kg-dry	1	8/24/2017
1,1-Dichloroethane	ND	0.0046		mg/Kg-dry	1	8/24/2017
1,2-Dichloroethane	ND	0.0046		mg/Kg-dry	1	8/24/2017
1,1-Dichloroethene	ND	0.0046		mg/Kg-dry	1	8/24/2017
cis-1,2-Dichloroethene	ND	0.0046		mg/Kg-dry	1	8/24/2017
trans-1,2-Dichloroethene	ND	0.0046		mg/Kg-dry	1	8/24/2017
1,2-Dichloropropane	ND	0.0046		mg/Kg-dry	1	8/24/2017
cis-1,3-Dichloropropene	ND	0.0018		mg/Kg-dry	1	8/24/2017
trans-1,3-Dichloropropene	ND	0.0018		mg/Kg-dry	1	8/24/2017
Ethylbenzene	ND	0.0046		mg/Kg-dry	1	8/24/2017
2-Hexanone	ND	0.018		mg/Kg-dry	1	8/24/2017
4-Methyl-2-pentanone	ND	0.018		mg/Kg-dry	1	8/24/2017
Methylene chloride	ND	0.0092		mg/Kg-dry	1	8/24/2017
Methyl tert-butyl ether	ND	0.0046		mg/Kg-dry	1	8/24/2017
Styrene	ND	0.0046		mg/Kg-dry	1	8/24/2017
1,1,2,2-Tetrachloroethane	ND	0.0046		mg/Kg-dry	1	8/24/2017
Tetrachloroethene	ND	0.0046		mg/Kg-dry	1	8/24/2017
Toluene	ND	0.0046		mg/Kg-dry	1	8/24/2017
1,1,1-Trichloroethane	ND	0.0046		mg/Kg-dry	1	8/24/2017
1,1,2-Trichloroethane	ND	0.0046		mg/Kg-dry	1	8/24/2017
Trichloroethene	ND	0.0046		mg/Kg-dry	1	8/24/2017
Vinyl chloride	ND	0.0046		mg/Kg-dry	1	8/24/2017
Xylenes, Total	ND	0.014		mg/Kg-dry	1	8/24/2017

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

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

STAT Analysis Corporation

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

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

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

Report Date: August 30, 2017

ANALYTICAL RESULTS

Print Date: August 30, 2017

Client: Huff & Huff, Inc.

Client Sample ID: 2597V-7-05 (0-4)

Work Order: 17080682 Revision 0

Tag Number:

Project: 81.0220509.08, 2597V-IL 53 at Hick Road, Long Gr Collection Date: 8/18/2017 10:11:00 AM

Lab ID: 17080682-026B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS	SW8270C (SW3550B)					Prep Date: 8/24/2017 Analyst: DM
Acenaphthene	ND	0.038		mg/Kg-dry	1	8/25/2017
Acenaphthylene	ND	0.038		mg/Kg-dry	1	8/25/2017
Aniline	ND	0.39		mg/Kg-dry	1	8/25/2017
Anthracene	ND	0.038		mg/Kg-dry	1	8/25/2017
Benz(a)anthracene	0.041	0.038		mg/Kg-dry	1	8/25/2017
Benzidine	ND	0.38		mg/Kg-dry	1	8/25/2017
Benzo(a)pyrene	0.046	0.038		mg/Kg-dry	1	8/25/2017
Benzo(b)fluoranthene	0.057	0.038		mg/Kg-dry	1	8/25/2017
Benzo(g,h,i)perylene	0.039	0.038		mg/Kg-dry	1	8/25/2017
Benzo(k)fluoranthene	ND	0.038		mg/Kg-dry	1	8/25/2017
Benzoic acid	ND	0.96		mg/Kg-dry	1	8/25/2017
Benzyl alcohol	ND	0.20		mg/Kg-dry	1	8/25/2017
Bis(2-chloroethoxy)methane	ND	0.20		mg/Kg-dry	1	8/25/2017
Bis(2-chloroethyl)ether	ND	0.20		mg/Kg-dry	1	8/25/2017
Bis(2-ethylhexyl)phthalate	ND	0.96		mg/Kg-dry	1	8/25/2017
4-Bromophenyl phenyl ether	ND	0.20		mg/Kg-dry	1	8/25/2017
Butyl benzyl phthalate	ND	0.20		mg/Kg-dry	1	8/25/2017
Carbazole	ND	0.20		mg/Kg-dry	1	8/25/2017
4-Chloroaniline	ND	0.20		mg/Kg-dry	1	8/25/2017
4-Chloro-3-methylphenol	ND	0.38		mg/Kg-dry	1	8/25/2017
2-Chloronaphthalene	ND	0.20		mg/Kg-dry	1	8/25/2017
2-Chlorophenol	ND	0.20		mg/Kg-dry	1	8/25/2017
4-Chlorophenyl phenyl ether	ND	0.20		mg/Kg-dry	1	8/25/2017
Chrysene	0.055	0.038		mg/Kg-dry	1	8/25/2017
Dibenz(a,h)anthracene	ND	0.038		mg/Kg-dry	1	8/25/2017
Dibenzofuran	ND	0.20		mg/Kg-dry	1	8/25/2017
1,2-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	8/25/2017
1,3-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	8/25/2017
1,4-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	8/25/2017
3,3'-Dichlorobenzidine	ND	0.20		mg/Kg-dry	1	8/25/2017
2,4-Dichlorophenol	ND	0.20		mg/Kg-dry	1	8/25/2017
Diethyl phthalate	ND	0.20		mg/Kg-dry	1	8/25/2017
2,4-Dimethylphenol	ND	0.20		mg/Kg-dry	1	8/25/2017
Dimethyl phthalate	ND	0.20		mg/Kg-dry	1	8/25/2017
4,6-Dinitro-2-methylphenol	ND	0.38		mg/Kg-dry	1	8/25/2017
2,4-Dinitrophenol	ND	0.96		mg/Kg-dry	1	8/25/2017
2,4-Dinitrotoluene	ND	0.038		mg/Kg-dry	1	8/25/2017
2,6-Dinitrotoluene	ND	0.038		mg/Kg-dry	1	8/25/2017

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

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

STAT Analysis Corporation

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

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

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

Report Date: August 30, 2017

ANALYTICAL RESULTS

Print Date: August 30, 2017

Client: Huff & Huff, Inc.

Client Sample ID: 2597V-7-05 (0-4)

Work Order: 17080682 Revision 0

Tag Number:

Project: 81.0220509.08, 2597V-IL 53 at Hick Road, Long Gr Collection Date: 8/18/2017 10:11:00 AM

Lab ID: 17080682-026B

Matrix: Soil

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

Semivolatile Organic Compounds by GC/MS SW8270C (SW3550B) Prep Date: 8/24/2017 Analyst: DM

Di-n-butyl phthalate	ND	0.20		mg/Kg-dry	1	8/25/2017
Di-n-octyl phthalate	ND	0.20		mg/Kg-dry	1	8/25/2017
Fluoranthene	0.091	0.038		mg/Kg-dry	1	8/25/2017
Fluorene	ND	0.038		mg/Kg-dry	1	8/25/2017
Hexachlorobenzene	ND	0.20		mg/Kg-dry	1	8/25/2017
Hexachlorobutadiene	ND	0.20		mg/Kg-dry	1	8/25/2017
Hexachlorocyclopentadiene	ND	0.20		mg/Kg-dry	1	8/25/2017
Hexachloroethane	ND	0.20		mg/Kg-dry	1	8/25/2017
Indeno(1,2,3-cd)pyrene	ND	0.038		mg/Kg-dry	1	8/25/2017
Isophorone	ND	0.20		mg/Kg-dry	1	8/25/2017
2-Methylnaphthalene	ND	0.20		mg/Kg-dry	1	8/25/2017
2-Methylphenol	ND	0.20		mg/Kg-dry	1	8/25/2017
4-Methylphenol	ND	0.20		mg/Kg-dry	1	8/25/2017
Naphthalene	ND	0.038		mg/Kg-dry	1	8/25/2017
2-Nitroaniline	ND	0.20		mg/Kg-dry	1	8/25/2017
3-Nitroaniline	ND	0.20		mg/Kg-dry	1	8/25/2017
4-Nitroaniline	ND	0.20		mg/Kg-dry	1	8/25/2017
2-Nitrophenol	ND	0.20		mg/Kg-dry	1	8/25/2017
4-Nitrophenol	ND	0.38		mg/Kg-dry	1	8/25/2017
Nitrobenzene	ND	0.038		mg/Kg-dry	1	8/25/2017
N-Nitrosodi-n-propylamine	ND	0.038		mg/Kg-dry	1	8/25/2017
N-Nitrosodimethylamine	ND	0.20		mg/Kg-dry	1	8/25/2017
N-Nitrosodiphenylamine	ND	0.20		mg/Kg-dry	1	8/25/2017
2, 2'-oxybis(1-Chloropropane)	ND	0.20		mg/Kg-dry	1	8/25/2017
Pentachlorophenol	ND	0.078		mg/Kg-dry	1	8/25/2017
Phenanthrene	0.054	0.038		mg/Kg-dry	1	8/25/2017
Phenol	ND	0.20		mg/Kg-dry	1	8/25/2017
Pyrene	0.076	0.038		mg/Kg-dry	1	8/25/2017
Pyridine	ND	0.78		mg/Kg-dry	1	8/25/2017
1,2,4-Trichlorobenzene	ND	0.20		mg/Kg-dry	1	8/25/2017
2,4,5-Trichlorophenol	ND	0.20		mg/Kg-dry	1	8/25/2017
2,4,6-Trichlorophenol	ND	0.20		mg/Kg-dry	1	8/25/2017

Metals by ICP/MS SW6020 (SW3050B) Prep Date: 8/23/2017 Analyst: JG

Antimony	ND	2.0		mg/Kg-dry	10	8/24/2017
Arsenic	12	0.99		mg/Kg-dry	10	8/24/2017
Barium	71	0.99		mg/Kg-dry	10	8/24/2017
Beryllium	0.75	0.50		mg/Kg-dry	10	8/24/2017
Cadmium	ND	0.50		mg/Kg-dry	10	8/24/2017

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

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

STAT Analysis Corporation

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

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

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

Report Date: August 30, 2017

ANALYTICAL RESULTS

Print Date: August 30, 2017

Client: Huff & Huff, Inc.

Client Sample ID: 2597V-7-05 (0-4)

Work Order: 17080682 Revision 0

Tag Number:

Project: 81.0220509.08, 2597V-IL 53 at Hick Road, Long Gr Collection Date: 8/18/2017 10:11:00 AM

Lab ID: 17080682-026B

Matrix: Soil

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

Metals by ICP/MS

SW6020 (SW3050B)

Prep Date: 8/23/2017

Analyst: JG

Calcium	43000	59		mg/Kg-dry	10	8/24/2017
Chromium	24	0.99		mg/Kg-dry	10	8/24/2017
Cobalt	15	0.99		mg/Kg-dry	10	8/24/2017
Copper	29	2.5		mg/Kg-dry	10	8/24/2017
Iron	30000	30		mg/Kg-dry	10	8/24/2017
Lead	78	0.50		mg/Kg-dry	10	8/24/2017
Magnesium	27000	30		mg/Kg-dry	10	8/24/2017
Manganese	780	0.99		mg/Kg-dry	10	8/24/2017
Nickel	31	0.99		mg/Kg-dry	10	8/24/2017
Potassium	1600	30		mg/Kg-dry	10	8/24/2017
Selenium	ND	0.99		mg/Kg-dry	10	8/24/2017
Silver	ND	0.99		mg/Kg-dry	10	8/24/2017
Sodium	2100	59		mg/Kg-dry	10	8/24/2017
Thallium	ND	0.99		mg/Kg-dry	10	8/24/2017
Vanadium	30	0.99		mg/Kg-dry	10	8/24/2017
Zinc	75	5.0		mg/Kg-dry	10	8/24/2017

SPLP Metals by ICP/MS

SW1312/6020 (SW3005A)

Prep Date: 8/22/2017

Analyst: JG

Arsenic	0.0053	0.0040		mg/L	2	8/23/2017
Barium	0.028	0.020		mg/L	2	8/23/2017
Beryllium	ND	0.0020		mg/L	2	8/23/2017
Cadmium	ND	0.0020		mg/L	2	8/23/2017
Chromium	0.012	0.0040		mg/L	2	8/23/2017
Cobalt	0.0046	0.0040		mg/L	2	8/23/2017
Copper	ND	0.040		mg/L	2	8/23/2017
Iron	9.6	0.10		mg/L	2	8/23/2017
Lead	0.041	0.0020		mg/L	2	8/23/2017
Manganese	0.12	0.0040		mg/L	2	8/23/2017
Nickel	0.012	0.0040		mg/L	2	8/23/2017
Selenium	ND	0.0040		mg/L	2	8/23/2017
Silver	ND	0.0040		mg/L	2	8/23/2017
Zinc	0.035	0.020		mg/L	2	8/23/2017

TCLP Metals by ICP/MS

SW1311/6020 (SW3005A)

Prep Date: 8/23/2017

Analyst: JG

Arsenic	ND	0.010		mg/L	5	8/26/2017
Barium	0.57	0.050		mg/L	5	8/26/2017
Beryllium	ND	0.0050		mg/L	5	8/26/2017
Cadmium	ND	0.0050		mg/L	5	8/26/2017
Chromium	ND	0.010		mg/L	5	8/26/2017

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

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

STAT Analysis Corporation

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

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

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

Report Date: August 30, 2017

ANALYTICAL RESULTS

Print Date: August 30, 2017

Client: Huff & Huff, Inc.

Client Sample ID: 2597V-7-05 (0-4)

Work Order: 17080682 Revision 0

Tag Number:

Project: 81.0220509.08, 2597V-IL 53 at Hick Road, Long Gr Collection Date: 8/18/2017 10:11:00 AM

Lab ID: 17080682-026B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
TCLP Metals by ICP/MS	SW1311/6020 (SW3005A)		Prep Date: 8/23/2017		Analyst: JG	
Cobalt	0.025	0.010		mg/L	5	8/26/2017
Copper	ND	0.10		mg/L	5	8/26/2017
Iron	ND	0.25		mg/L	5	8/26/2017
Lead	0.0065	0.0050		mg/L	5	8/26/2017
Manganese	5.5	0.010		mg/L	5	8/26/2017
Nickel	0.013	0.010		mg/L	5	8/26/2017
Selenium	ND	0.010		mg/L	5	8/26/2017
Silver	ND	0.010		mg/L	5	8/26/2017
Zinc	0.13	0.050		mg/L	5	8/26/2017
TCLP Mercury	SW1311/7470A		Prep Date: 8/23/2017		Analyst: LB	
Mercury	ND	0.00020		mg/L	1	8/23/2017
SPLP Mercury	SW1312/7470A		Prep Date: 8/22/2017		Analyst: LB	
Mercury	ND	0.00025		mg/L	1	8/23/2017
Mercury	SW7471A		Prep Date: 8/22/2017		Analyst: LB	
Mercury	0.031	0.022		mg/Kg-dry	1	8/23/2017
pH (25 °C)	SW9045C		Prep Date: 8/24/2017		Analyst: RW	
pH	8.13			pH Units	1	8/24/2017
Percent Moisture	D2974		Prep Date: 8/21/2017		Analyst: KKA	
Percent Moisture	14.3	0.2	*	wt%	1	8/22/2017

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

HT - Sample received past holding time

* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

H - Holding time exceeded



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

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

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

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

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

I. Source Location Information

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

Project Name: FAU 1261 / IL Route 53 at Old Hicks Road Office Phone Number, if available: _____

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

2597V-9(3248-3402 Hicks Rd, 3404-3408 Mardan Drive, 3251 Mayflower Ln, 3250 Midlesax Dr);2597V-10(2307-2309 Old Hicks Rd)

City: Long Grove State: IL Zip Code: 60049

County: Lake Township: T43N/Vernon

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

Latitude: 42.170149 Longitude: -88.018989

(Decimal Degrees) (-Decimal Degrees)

Identify how the lat/long data were determined:

GPS Map Interpolation Photo Interpolation Survey Other

ISGS Public Land Survey System - Approximate Center of multiple addresses

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

II. Owner/Operator Information for Source Site

Site Owner

Site Operator

Name: Illinois Dept. of Transportation, District 1

Name: Illinois Dept. of Transportation, District 1

Street Address: 201 W Center Court

Street Address: 201 W Center Court

PO Box: _____

PO Box: _____

City: Schaumburg State: IL

City: Schaumburg State: IL

Zip Code: 60196 Phone: 847-705-4101

Zip Code: 60196 Phone: 847-705-4101

Contact: Sam Mead

Contact: Sam Mead

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

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

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

Project Name: FAU 1261 / IL Route 53 at Old Hicks Road

Latitude: 42.170149 Longitude: -88.018989

Uncontaminated Site Certification

III. Basis for Certification and Attachments

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

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

Refer to Figure 4-1.2 in the Final PSI Report and borings: 2597V-9-09 (Sta 503+50 to 504+50); 2597V-9-12 and 2597V-9-13 (Sta 506+50 to 508+50); 2597V-10-04 (Sta 503+50 to 504+50); and 2597V-10-09 (Sta 508+50 to 509+50).

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

Refer to Tables 4-2 and 4-3 in the Final PSI Report for results summary and STAT Laboratory Report #17080682 and #17080741. 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:

September 22, 2017

Date:



LPC-663 Results Table for Sites 2597V-9-09, 9-12, 9-13, 10-04, and 10-09.
Soils for Reuse or Disposal Including CCDD/USFO Facilities in MSA Counties including Chicago

Boring ID	2597V-9-09	2597V-9-12	2597V-9-13	2597V-9-13 (Dup-05)	2597V-10-04	2597V-10-09	2597V-10-09 (Dup-04)	Soil Reference Concentrations ^{a/}
Sample Depth, ft	0-4	0-4	0-4	0-4	0-4	0-4	0-4	
Sample Date	8/21/2017	8/21/2017	8/21/2017	8/21/2017	8/21/2017	8/21/2017	8/21/2017	
Excavation Area(s) [ISGS Site No.(s)]	2597V-9	2597V-9	2597V-9	2597V-9	2597V-10	2597V-10	2597V-10	
Parameter								
Laboratory soil pH (s.u.)	7.48	8.63	8.73	8.78	8.65	7.82	7.5	<6.25, >9.0
VOCs (mg/kg)	NO EXCEEDANCES				NO EXCEEDANCES			
SVOCs, mg/kg	NO EXCEEDANCES				NO EXCEEDANCES			
Total Metals, mg/kg								
Arsenic	12	13	12	9.0	13	7.4	9.5	11.3 / 13
Chromium	35	24	20	16	25	23	17	21
Cobalt	18	18	15	10	15	13	12	20
Iron	40000	34000	30000	21000	36000	26000	21000	15,000 / 15,900
Lead	27	22	20	15	24	19	17	107
Manganese	310	880	780	530	750	580	600	630 / 636
TCLP Metals, mg/L								Class I Groundwater ^{c/}
Cadmium	< 0.0050	< 0.0050	< 0.0050	0.0056	< 0.0050	< 0.0050	< 0.0050	0.005
Iron	1.4	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	0.29	5
Lead	0.019	< 0.0050	< 0.0050	0.0052	< 0.0050	< 0.0050	< 0.0050	0.0075
Manganese	13	1.5	1.9	11	1.7	1.2	0.24	0.15
Nickel	0.021	0.015	0.028	0.11	0.018	< 0.010	< 0.010	0.1
SPLP Metals, mg/L								
Iron	23	8.0	13	18	19	7.4	35	5
Lead	0.015	0.0038	0.0067	0.0092	0.0067	0.0041	0.011	0.0075
Manganese	0.13	0.039	0.073	0.095	0.099	0.025	0.21	0.15

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

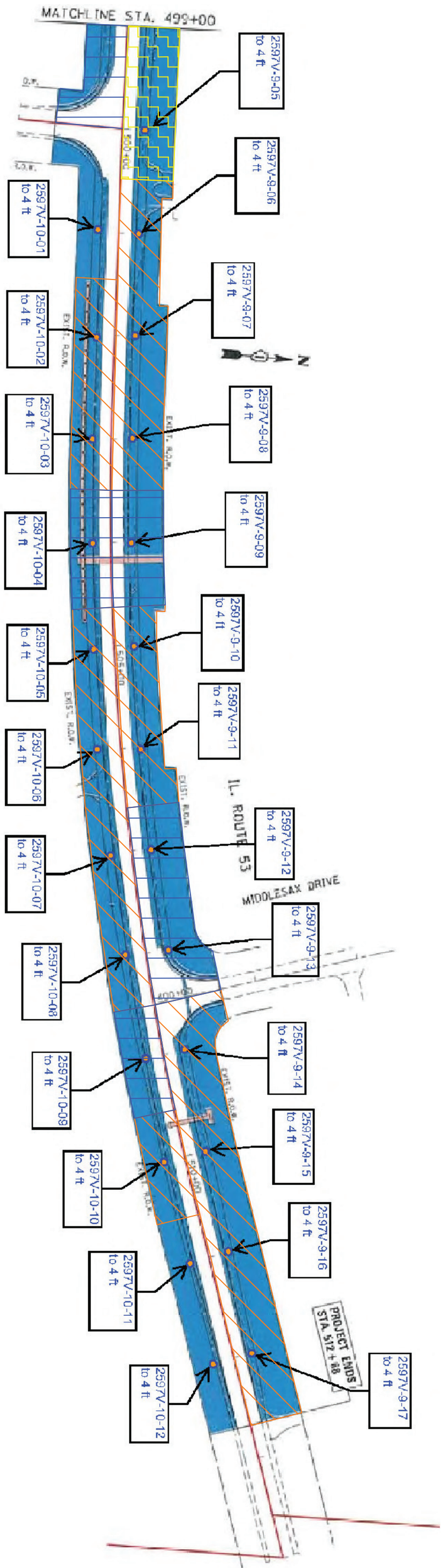
Inorganic Soil Reference Concentrations (xx.xx / xx.xx) Include the Most Stringent values from the MAC Table / and the MSA County Value From the MAC Table as Applicable.

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.

^{c/} Soil Remediation Objective for the Groundwater Component of the Groundwater Ingestion Route, Class I Groundwater

■ Shaded values indicate concentration exceeds reference concentration

FIGURE 4-1.2 EXTENT OF POTENTIALLY IMPACTED SOIL



SOIL BORINGS LOCATION	
	INTERFERE WITH THE EXCAVATION
	APPROXIMATE CONSTRUCTION AREA ESTIMATED TO EXCEED SOIL REFERENCE CONCENTRATIONS (R-MOST STRINGENT MAC) BUT < BACKGROUND MATERIAL MAY BE MANAGED ON SITE OR AS NON-SPECIAL WASTE (M-1)
	APPROXIMATE CONSTRUCTION AREA ESTIMATED TO EXCEED THE SOIL REFERENCE CONCENTRATIONS (R-MOST STRINGENT MAC) BUT < MAC FOR MSA MATERIAL MAY BE MANAGED ON-SITE OR TO A COMMERCIAL WASTE WITHIN A MSA COUNTY (M-2)
	APPROXIMATE CONSTRUCTION AREA ESTIMATED TO EXCEED THE SOIL REFERENCE CONCENTRATIONS (R-MOST STRINGENT MAC) BUT < MAC FOR MSA OR CHICAGO CORPORATE MATERIAL MAY BE MANAGED ON-SITE OR TO A COMMERCIAL WASTE WITHIN A MSA COUNTY EXCLUDING CHICAGO OR WITHIN CHICAGO CORPORATE LIMITS (M-3)
	APPROXIMATE CONSTRUCTION AREA ESTIMATED TO EXCEED THE SOIL REFERENCE CONCENTRATIONS (R-MOST STRINGENT MAC) BUT < MAC FOR MSA COUNTY EXCLUDING CHICAGO (M-4)
	APPROXIMATE CONSTRUCTION AREA ESTIMATED TO EXCEED THE SOIL REFERENCE CONCENTRATIONS (R-MOST STRINGENT MAC) BUT < MAC FOR MSA COUNTY EXCLUDING CHICAGO (M-5)
	APPROXIMATE CONSTRUCTION AREA ESTIMATED TO EXCEED THE SOIL REFERENCE CONCENTRATIONS (R-MOST STRINGENT MAC) BUT < MAC FOR MSA COUNTY EXCLUDING CHICAGO (M-6)
	APPROXIMATE CONSTRUCTION AREA ESTIMATED TO EXCEED THE SOIL REFERENCE CONCENTRATIONS (R-MOST STRINGENT MAC) BUT < MAC FOR MSA COUNTY EXCLUDING CHICAGO (M-7)
	APPROXIMATE CONSTRUCTION AREA ESTIMATED TO EXCEED THE SOIL REFERENCE CONCENTRATIONS (R-MOST STRINGENT MAC) BUT < MAC FOR MSA COUNTY EXCLUDING CHICAGO (M-8)
	APPROXIMATE CONSTRUCTION AREA ESTIMATED TO EXCEED THE SOIL REFERENCE CONCENTRATIONS (R-MOST STRINGENT MAC) BUT < MAC FOR MSA COUNTY EXCLUDING CHICAGO (M-9)
	APPROXIMATE CONSTRUCTION AREA ESTIMATED TO EXCEED THE SOIL REFERENCE CONCENTRATIONS (R-MOST STRINGENT MAC) BUT < MAC FOR MSA COUNTY EXCLUDING CHICAGO (M-10)
	APPROXIMATE CONSTRUCTION AREA ESTIMATED TO EXCEED THE SOIL REFERENCE CONCENTRATIONS (R-MOST STRINGENT MAC) BUT < MAC FOR MSA COUNTY EXCLUDING CHICAGO (M-11)
	APPROXIMATE CONSTRUCTION AREA ESTIMATED TO EXCEED THE SOIL REFERENCE CONCENTRATIONS (R-MOST STRINGENT MAC) BUT < MAC FOR MSA COUNTY EXCLUDING CHICAGO (M-12)

Summary of Findings:
 Sample 2597V-9-06, 9-07, 9-08, 9-10, 9-11, 9-14, 9-15, 9-16, 9-17, 10-02, 10-03, 10-05, 10-06, 10-07, 10-08, and 10-10: Total arsenic exceeded the most stringent MAC and the MAC for MSA counties.
 Samples 2597V-9-09, 9-12, 9-13, and 10-04: Total arsenic exceeded the most stringent MAC, but achieved the MAC for MSA counties.
 Sample 2597V-9-05: Manganese (total, TCLP, and SPLP) exceeded the MAC, lead (TCLP and SPLP only) exceeded the MAC.
 Sample 2597V-9-07: Iron (total, TCLP, and SPLP) exceeded the MAC, and lead and manganese (TCLP and SPLP only) exceeded the MACs.
 Sample 2597V-9-08 and 9-14: Manganese (total, TCLP, and SPLP) exceeded the MAC.
 Sample 2597V-10-09: Manganese (TCLP and SPLP only) exceeded the MAC.
 Sample 2597V-9-09: Lead (TCLP and SPLP only) exceeded the MAC.
 Sample 2597V-9-17: Manganese (total, TCLP, and SPLP) and iron (total, TCLP, and SPLP) exceeded the MACs.

FILE NAME =		DESIGNED -	REVISED -	STATE OF ILLINOIS	SCALE: 1" = 100'		SHEET NO. 2 OF 2		SHEETS		STA.	TO STA.
USER NAME =		DRAWN -	REVISED -	DEPARTMENT OF TRANSPORTATION	PESA RESPONSE EXHIBIT		SHEETS		TOTAL SHEET NO.			
PLOT SCALE =		CHECKED -	REVISED -	DATE	REVISED	IL 53 AT OLD HICKS RD.	1281	SECTION	COUNTY	LAKE		2
PLOT DATE =		DATE	REVISED	DATE	REVISED	ILLINOIS	2	COUNTRY	CONTRACT NO.		2	2

STAT Analysis Corporation

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

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

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

Report Date: August 30, 2017

ANALYTICAL RESULTS

Print Date: August 30, 2017

Client: Huff & Huff, Inc.

Client Sample ID: 2597V-09-09 (0-4)

Work Order: 17080741 Revision 0

Tag Number:

Project: 81.0220509.08, 2597V-IL 53 at Hicks Road, Long

Collection Date: 8/21/2017 10:25:00 AM

Lab ID: 17080741-021A

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS	SW5035/8260B		Prep Date: 8/22/2017		Analyst: ART	
Acetone	ND	0.067		mg/Kg-dry	1	8/25/2017
Benzene	ND	0.0045		mg/Kg-dry	1	8/25/2017
Bromodichloromethane	ND	0.0045		mg/Kg-dry	1	8/25/2017
Bromoform	ND	0.0045		mg/Kg-dry	1	8/25/2017
Bromomethane	ND	0.0089		mg/Kg-dry	1	8/25/2017
2-Butanone	ND	0.067		mg/Kg-dry	1	8/25/2017
Carbon disulfide	ND	0.045		mg/Kg-dry	1	8/25/2017
Carbon tetrachloride	ND	0.0045		mg/Kg-dry	1	8/25/2017
Chlorobenzene	ND	0.0045		mg/Kg-dry	1	8/25/2017
Chloroethane	ND	0.0089		mg/Kg-dry	1	8/25/2017
Chloroform	ND	0.0045		mg/Kg-dry	1	8/25/2017
Chloromethane	ND	0.0089		mg/Kg-dry	1	8/25/2017
Dibromochloromethane	ND	0.0045		mg/Kg-dry	1	8/25/2017
1,1-Dichloroethane	ND	0.0045		mg/Kg-dry	1	8/25/2017
1,2-Dichloroethane	ND	0.0045		mg/Kg-dry	1	8/25/2017
1,1-Dichloroethene	ND	0.0045		mg/Kg-dry	1	8/25/2017
cis-1,2-Dichloroethene	ND	0.0045		mg/Kg-dry	1	8/25/2017
trans-1,2-Dichloroethene	ND	0.0045		mg/Kg-dry	1	8/25/2017
1,2-Dichloropropane	ND	0.0045		mg/Kg-dry	1	8/25/2017
cis-1,3-Dichloropropene	ND	0.0018		mg/Kg-dry	1	8/25/2017
trans-1,3-Dichloropropene	ND	0.0018		mg/Kg-dry	1	8/25/2017
Ethylbenzene	ND	0.0045		mg/Kg-dry	1	8/25/2017
2-Hexanone	ND	0.018		mg/Kg-dry	1	8/25/2017
4-Methyl-2-pentanone	ND	0.018		mg/Kg-dry	1	8/25/2017
Methylene chloride	ND	0.0089		mg/Kg-dry	1	8/25/2017
Methyl tert-butyl ether	ND	0.0045		mg/Kg-dry	1	8/25/2017
Styrene	ND	0.0045		mg/Kg-dry	1	8/25/2017
1,1,2,2-Tetrachloroethane	ND	0.0045		mg/Kg-dry	1	8/25/2017
Tetrachloroethene	ND	0.0045		mg/Kg-dry	1	8/25/2017
Toluene	ND	0.0045		mg/Kg-dry	1	8/25/2017
1,1,1-Trichloroethane	ND	0.0045		mg/Kg-dry	1	8/25/2017
1,1,2-Trichloroethane	ND	0.0045		mg/Kg-dry	1	8/25/2017
Trichloroethene	ND	0.0045		mg/Kg-dry	1	8/25/2017
Vinyl chloride	ND	0.0045		mg/Kg-dry	1	8/25/2017
Xylenes, Total	ND	0.013		mg/Kg-dry	1	8/25/2017

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

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

STAT Analysis Corporation

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

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

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

Report Date: August 30, 2017

ANALYTICAL RESULTS

Print Date: August 30, 2017

Client: Huff & Huff, Inc.

Client Sample ID: 2597V-09-09 (0-4)

Work Order: 17080741 Revision 0

Tag Number:

Project: 81.0220509.08, 2597V-IL 53 at Hicks Road, Long

Collection Date: 8/21/2017 10:25:00 AM

Lab ID: 17080741-021B

Matrix: Soil

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

Semivolatile Organic Compounds by GC/MS	SW8270C (SW3550B)	Prep Date: 8/24/2017			Analyst: DM
---	-------------------	----------------------	--	--	-------------

Acenaphthene	ND	0.039		mg/Kg-dry	1	8/25/2017
Acenaphthylene	ND	0.039		mg/Kg-dry	1	8/25/2017
Aniline	ND	0.40		mg/Kg-dry	1	8/25/2017
Anthracene	ND	0.039		mg/Kg-dry	1	8/25/2017
Benz(a)anthracene	ND	0.039		mg/Kg-dry	1	8/25/2017
Benzdine	ND	0.39		mg/Kg-dry	1	8/25/2017
Benzo(a)pyrene	ND	0.039		mg/Kg-dry	1	8/25/2017
Benzo(b)fluoranthene	ND	0.039		mg/Kg-dry	1	8/25/2017
Benzo(g,h,i)perylene	ND	0.039		mg/Kg-dry	1	8/25/2017
Benzo(k)fluoranthene	ND	0.039		mg/Kg-dry	1	8/25/2017
Benzoic acid	ND	0.99		mg/Kg-dry	1	8/25/2017
Benzyl alcohol	ND	0.20		mg/Kg-dry	1	8/25/2017
Bis(2-chloroethoxy)methane	ND	0.20		mg/Kg-dry	1	8/25/2017
Bis(2-chloroethyl)ether	ND	0.20		mg/Kg-dry	1	8/25/2017
Bis(2-ethylhexyl)phthalate	ND	0.99		mg/Kg-dry	1	8/25/2017
4-Bromophenyl phenyl ether	ND	0.20		mg/Kg-dry	1	8/25/2017
Butyl benzyl phthalate	ND	0.20		mg/Kg-dry	1	8/25/2017
Carbazole	ND	0.20		mg/Kg-dry	1	8/25/2017
4-Chloroaniline	ND	0.20		mg/Kg-dry	1	8/25/2017
4-Chloro-3-methylphenol	ND	0.39		mg/Kg-dry	1	8/25/2017
2-Chloronaphthalene	ND	0.20		mg/Kg-dry	1	8/25/2017
2-Chlorophenol	ND	0.20		mg/Kg-dry	1	8/25/2017
4-Chlorophenyl phenyl ether	ND	0.20		mg/Kg-dry	1	8/25/2017
Chrysene	ND	0.039		mg/Kg-dry	1	8/25/2017
Dibenz(a,h)anthracene	ND	0.039		mg/Kg-dry	1	8/25/2017
Dibenzofuran	ND	0.20		mg/Kg-dry	1	8/25/2017
1,2-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	8/25/2017
1,3-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	8/25/2017
1,4-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	8/25/2017
3,3'-Dichlorobenzidine	ND	0.20		mg/Kg-dry	1	8/25/2017
2,4-Dichlorophenol	ND	0.20		mg/Kg-dry	1	8/25/2017
Diethyl phthalate	ND	0.20		mg/Kg-dry	1	8/25/2017
2,4-Dimethylphenol	ND	0.20		mg/Kg-dry	1	8/25/2017
Dimethyl phthalate	ND	0.20		mg/Kg-dry	1	8/25/2017
4,6-Dinitro-2-methylphenol	ND	0.39		mg/Kg-dry	1	8/25/2017
2,4-Dinitrophenol	ND	0.99		mg/Kg-dry	1	8/25/2017
2,4-Dinitrotoluene	ND	0.039		mg/Kg-dry	1	8/25/2017
2,6-Dinitrotoluene	ND	0.039		mg/Kg-dry	1	8/25/2017

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

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

STAT Analysis Corporation

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

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

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

Report Date: August 30, 2017

ANALYTICAL RESULTS

Print Date: August 30, 2017

Client: Huff & Huff, Inc.

Client Sample ID: 2597V-09-09 (0-4)

Work Order: 17080741 Revision 0

Tag Number:

Project: 81.0220509.08, 2597V-IL 53 at Hicks Road, Long

Collection Date: 8/21/2017 10:25:00 AM

Lab ID: 17080741-021B

Matrix: Soil

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

Semivolatile Organic Compounds by GC/MS SW8270C (SW3550B) Prep Date: 8/24/2017 Analyst: DM

Di-n-butyl phthalate	ND	0.20		mg/Kg-dry	1	8/25/2017
Di-n-octyl phthalate	ND	0.20		mg/Kg-dry	1	8/25/2017
Fluoranthene	ND	0.039		mg/Kg-dry	1	8/25/2017
Fluorene	ND	0.039		mg/Kg-dry	1	8/25/2017
Hexachlorobenzene	ND	0.20		mg/Kg-dry	1	8/25/2017
Hexachlorobutadiene	ND	0.20		mg/Kg-dry	1	8/25/2017
Hexachlorocyclopentadiene	ND	0.20		mg/Kg-dry	1	8/25/2017
Hexachloroethane	ND	0.20		mg/Kg-dry	1	8/25/2017
Indeno(1,2,3-cd)pyrene	ND	0.039		mg/Kg-dry	1	8/25/2017
Isophorone	ND	0.20		mg/Kg-dry	1	8/25/2017
2-Methylnaphthalene	ND	0.20		mg/Kg-dry	1	8/25/2017
2-Methylphenol	ND	0.20		mg/Kg-dry	1	8/25/2017
4-Methylphenol	ND	0.20		mg/Kg-dry	1	8/25/2017
Naphthalene	ND	0.039		mg/Kg-dry	1	8/25/2017
2-Nitroaniline	ND	0.20		mg/Kg-dry	1	8/25/2017
3-Nitroaniline	ND	0.20		mg/Kg-dry	1	8/25/2017
4-Nitroaniline	ND	0.20		mg/Kg-dry	1	8/25/2017
2-Nitrophenol	ND	0.20		mg/Kg-dry	1	8/25/2017
4-Nitrophenol	ND	0.39		mg/Kg-dry	1	8/25/2017
Nitrobenzene	ND	0.039		mg/Kg-dry	1	8/25/2017
N-Nitrosodi-n-propylamine	ND	0.039		mg/Kg-dry	1	8/25/2017
N-Nitrosodimethylamine	ND	0.20		mg/Kg-dry	1	8/25/2017
N-Nitrosodiphenylamine	ND	0.20		mg/Kg-dry	1	8/25/2017
2, 2'-oxybis(1-Chloropropane)	ND	0.20		mg/Kg-dry	1	8/25/2017
Pentachlorophenol	ND	0.080		mg/Kg-dry	1	8/25/2017
Phenanthrene	ND	0.039		mg/Kg-dry	1	8/25/2017
Phenol	ND	0.20		mg/Kg-dry	1	8/25/2017
Pyrene	ND	0.039		mg/Kg-dry	1	8/25/2017
Pyridine	ND	0.80		mg/Kg-dry	1	8/25/2017
1,2,4-Trichlorobenzene	ND	0.20		mg/Kg-dry	1	8/25/2017
2,4,5-Trichlorophenol	ND	0.20		mg/Kg-dry	1	8/25/2017
2,4,6-Trichlorophenol	ND	0.20		mg/Kg-dry	1	8/25/2017

Metals by ICP/MS SW6020 (SW3050B) Prep Date: 8/23/2017 Analyst: JG

Antimony	ND	2.2		mg/Kg-dry	10	8/24/2017
Arsenic	12	1.1		mg/Kg-dry	10	8/24/2017
Barium	120	1.1		mg/Kg-dry	10	8/24/2017
Beryllium	1.4	0.55		mg/Kg-dry	10	8/24/2017
Cadmium	ND	0.55		mg/Kg-dry	10	8/24/2017

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

STAT Analysis Corporation

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

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

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

Report Date: August 30, 2017

ANALYTICAL RESULTS

Print Date: August 30, 2017

Client: Huff & Huff, Inc.

Client Sample ID: 2597V-09-09 (0-4)

Work Order: 17080741 Revision 0

Tag Number:

Project: 81.0220509.08, 2597V-IL 53 at Hicks Road, Long

Collection Date: 8/21/2017 10:25:00 AM

Lab ID: 17080741-021B

Matrix: Soil

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

Metals by ICP/MS

SW6020 (SW3050B)

Prep Date: 8/23/2017

Analyst: JG

Calcium	3800	66		mg/Kg-dry	10	8/24/2017
Chromium	35	1.1		mg/Kg-dry	10	8/24/2017
Cobalt	18	1.1		mg/Kg-dry	10	8/24/2017
Copper	36	2.7		mg/Kg-dry	10	8/24/2017
Iron	40000	33		mg/Kg-dry	10	8/24/2017
Lead	27	0.55		mg/Kg-dry	10	8/24/2017
Magnesium	6800	33		mg/Kg-dry	10	8/24/2017
Manganese	310	1.1		mg/Kg-dry	10	8/24/2017
Nickel	42	1.1		mg/Kg-dry	10	8/24/2017
Potassium	2400	33		mg/Kg-dry	10	8/24/2017
Selenium	ND	1.1		mg/Kg-dry	10	8/24/2017
Silver	ND	1.1		mg/Kg-dry	10	8/24/2017
Sodium	3400	66		mg/Kg-dry	10	8/24/2017
Thallium	ND	1.1		mg/Kg-dry	10	8/24/2017
Vanadium	49	1.1		mg/Kg-dry	10	8/24/2017
Zinc	88	5.5		mg/Kg-dry	10	8/24/2017

SPLP Metals by ICP/MS

SW1312/6020 (SW3005A)

Prep Date: 8/24/2017

Analyst: JG

Arsenic	0.010	0.0040		mg/L	2	8/26/2017
Barium	0.35	0.020		mg/L	2	8/26/2017
Beryllium	ND	0.0020		mg/L	2	8/26/2017
Cadmium	ND	0.0020		mg/L	2	8/26/2017
Chromium	0.024	0.0040		mg/L	2	8/26/2017
Cobalt	0.0093	0.0040		mg/L	2	8/26/2017
Copper	ND	0.040		mg/L	2	8/26/2017
Iron	23	0.10		mg/L	2	8/26/2017
Lead	0.015	0.0020		mg/L	2	8/26/2017
Manganese	0.13	0.0040		mg/L	2	8/26/2017
Nickel	0.026	0.0040		mg/L	2	8/26/2017
Selenium	ND	0.0040		mg/L	2	8/26/2017
Silver	ND	0.0040		mg/L	2	8/26/2017
Zinc	0.068	0.020		mg/L	2	8/26/2017

TCLP Metals by ICP/MS

SW1311/6020 (SW3005A)

Prep Date: 8/28/2017

Analyst: JG

Arsenic	ND	0.010		mg/L	5	8/28/2017
Barium	1.1	0.050		mg/L	5	8/28/2017
Beryllium	ND	0.0050		mg/L	5	8/28/2017
Cadmium	ND	0.0050		mg/L	5	8/28/2017
Chromium	ND	0.010		mg/L	5	8/28/2017

Qualifiers:

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

* - Non-accredited parameter

H - Holding time exceeded

STAT Analysis Corporation

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

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

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

Report Date: August 30, 2017

ANALYTICAL RESULTS

Print Date: August 30, 2017

Client: Huff & Huff, Inc.

Client Sample ID: 2597V-09-09 (0-4)

Work Order: 17080741 Revision 0

Tag Number:

Project: 81.0220509.08, 2597V-IL 53 at Hicks Road, Long

Collection Date: 8/21/2017 10:25:00 AM

Lab ID: 17080741-021B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
TCLP Metals by ICP/MS	SW1311/6020 (SW3005A)		Prep Date: 8/28/2017		Analyst: JG	
Cobalt	0.053	0.010		mg/L	5	8/28/2017
Copper	ND	0.10		mg/L	5	8/28/2017
Iron	1.4	0.25		mg/L	5	8/28/2017
Lead	0.019	0.0050		mg/L	5	8/28/2017
Manganese	13	0.010		mg/L	5	8/28/2017
Nickel	0.021	0.010		mg/L	5	8/28/2017
Selenium	ND	0.010		mg/L	5	8/28/2017
Silver	ND	0.010		mg/L	5	8/28/2017
Zinc	0.29	0.050		mg/L	5	8/28/2017
TCLP Mercury	SW1311/7470A		Prep Date: 8/25/2017		Analyst: LB	
Mercury	ND	0.00020		mg/L	1	8/26/2017
SPLP Mercury	SW1312/7470A		Prep Date: 8/24/2017		Analyst: LB	
Mercury	ND	0.00025		mg/L	1	8/25/2017
Mercury	SW7471A		Prep Date: 8/25/2017		Analyst: LB	
Mercury	0.035	0.021		mg/Kg-dry	1	8/25/2017
pH (25 °C)	SW9045C		Prep Date: 8/25/2017		Analyst: RW	
pH	7.48			pH Units	1	8/25/2017
Percent Moisture	D2974		Prep Date: 8/24/2017		Analyst: KKA	
Percent Moisture	17.1	0.2	*	wt%	1	8/25/2017

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

HT - Sample received past holding time

* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

H - Holding time exceeded

STAT Analysis Corporation

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

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

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

Report Date: August 30, 2017

ANALYTICAL RESULTS

Print Date: August 30, 2017

Client: Huff & Huff, Inc.

Client Sample ID: 2597V-09-12 (0-4)

Work Order: 17080741 Revision 0

Tag Number:

Project: 81.0220509.08, 2597V-IL 53 at Hicks Road, Long

Collection Date: 8/21/2017 10:14:00 AM

Lab ID: 17080741-018A

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS	SW5035/8260B		Prep Date: 8/22/2017		Analyst: ERP	
Acetone	ND	0.065		mg/Kg-dry	1	8/25/2017
Benzene	ND	0.0043		mg/Kg-dry	1	8/25/2017
Bromodichloromethane	ND	0.0043		mg/Kg-dry	1	8/25/2017
Bromoform	ND	0.0043		mg/Kg-dry	1	8/25/2017
Bromomethane	ND	0.0087		mg/Kg-dry	1	8/25/2017
2-Butanone	ND	0.065		mg/Kg-dry	1	8/25/2017
Carbon disulfide	ND	0.043		mg/Kg-dry	1	8/25/2017
Carbon tetrachloride	ND	0.0043		mg/Kg-dry	1	8/25/2017
Chlorobenzene	ND	0.0043		mg/Kg-dry	1	8/25/2017
Chloroethane	ND	0.0087		mg/Kg-dry	1	8/25/2017
Chloroform	ND	0.0043		mg/Kg-dry	1	8/25/2017
Chloromethane	ND	0.0087		mg/Kg-dry	1	8/25/2017
Dibromochloromethane	ND	0.0043		mg/Kg-dry	1	8/25/2017
1,1-Dichloroethane	ND	0.0043		mg/Kg-dry	1	8/25/2017
1,2-Dichloroethane	ND	0.0043		mg/Kg-dry	1	8/25/2017
1,1-Dichloroethene	ND	0.0043		mg/Kg-dry	1	8/25/2017
cis-1,2-Dichloroethene	ND	0.0043		mg/Kg-dry	1	8/25/2017
trans-1,2-Dichloroethene	ND	0.0043		mg/Kg-dry	1	8/25/2017
1,2-Dichloropropane	ND	0.0043		mg/Kg-dry	1	8/25/2017
cis-1,3-Dichloropropene	ND	0.0017		mg/Kg-dry	1	8/25/2017
trans-1,3-Dichloropropene	ND	0.0017		mg/Kg-dry	1	8/25/2017
Ethylbenzene	ND	0.0043		mg/Kg-dry	1	8/25/2017
2-Hexanone	ND	0.017		mg/Kg-dry	1	8/25/2017
4-Methyl-2-pentanone	ND	0.017		mg/Kg-dry	1	8/25/2017
Methylene chloride	ND	0.0087		mg/Kg-dry	1	8/25/2017
Methyl tert-butyl ether	ND	0.0043		mg/Kg-dry	1	8/25/2017
Styrene	ND	0.0043		mg/Kg-dry	1	8/25/2017
1,1,2,2-Tetrachloroethane	ND	0.0043		mg/Kg-dry	1	8/25/2017
Tetrachloroethene	ND	0.0043		mg/Kg-dry	1	8/25/2017
Toluene	ND	0.0043		mg/Kg-dry	1	8/25/2017
1,1,1-Trichloroethane	ND	0.0043		mg/Kg-dry	1	8/25/2017
1,1,2-Trichloroethane	ND	0.0043		mg/Kg-dry	1	8/25/2017
Trichloroethene	ND	0.0043		mg/Kg-dry	1	8/25/2017
Vinyl chloride	ND	0.0043		mg/Kg-dry	1	8/25/2017
Xylenes, Total	ND	0.013		mg/Kg-dry	1	8/25/2017

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

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

STAT Analysis Corporation

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

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

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

Report Date: August 30, 2017

ANALYTICAL RESULTS

Print Date: August 30, 2017

Client: Huff & Huff, Inc.

Client Sample ID: 2597V-09-12 (0-4)

Work Order: 17080741 Revision 0

Tag Number:

Project: 81.0220509.08, 2597V-IL 53 at Hicks Road, Long

Collection Date: 8/21/2017 10:14:00 AM

Lab ID: 17080741-018B

Matrix: Soil

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

Semivolatile Organic Compounds by GC/MS	SW8270C (SW3550B)	Prep Date: 8/24/2017			Analyst: DM
---	-------------------	----------------------	--	--	-------------

Acenaphthene	ND	0.039		mg/Kg-dry	1	8/25/2017
Acenaphthylene	ND	0.039		mg/Kg-dry	1	8/25/2017
Aniline	ND	0.40		mg/Kg-dry	1	8/25/2017
Anthracene	ND	0.039		mg/Kg-dry	1	8/25/2017
Benz(a)anthracene	ND	0.039		mg/Kg-dry	1	8/25/2017
Benzdine	ND	0.39		mg/Kg-dry	1	8/25/2017
Benzo(a)pyrene	ND	0.039		mg/Kg-dry	1	8/25/2017
Benzo(b)fluoranthene	ND	0.039		mg/Kg-dry	1	8/25/2017
Benzo(g,h,i)perylene	ND	0.039		mg/Kg-dry	1	8/25/2017
Benzo(k)fluoranthene	ND	0.039		mg/Kg-dry	1	8/25/2017
Benzoic acid	ND	0.99		mg/Kg-dry	1	8/25/2017
Benzyl alcohol	ND	0.20		mg/Kg-dry	1	8/25/2017
Bis(2-chloroethoxy)methane	ND	0.20		mg/Kg-dry	1	8/25/2017
Bis(2-chloroethyl)ether	ND	0.20		mg/Kg-dry	1	8/25/2017
Bis(2-ethylhexyl)phthalate	ND	0.99		mg/Kg-dry	1	8/25/2017
4-Bromophenyl phenyl ether	ND	0.20		mg/Kg-dry	1	8/25/2017
Butyl benzyl phthalate	ND	0.20		mg/Kg-dry	1	8/25/2017
Carbazole	ND	0.20		mg/Kg-dry	1	8/25/2017
4-Chloroaniline	ND	0.20		mg/Kg-dry	1	8/25/2017
4-Chloro-3-methylphenol	ND	0.39		mg/Kg-dry	1	8/25/2017
2-Chloronaphthalene	ND	0.20		mg/Kg-dry	1	8/25/2017
2-Chlorophenol	ND	0.20		mg/Kg-dry	1	8/25/2017
4-Chlorophenyl phenyl ether	ND	0.20		mg/Kg-dry	1	8/25/2017
Chrysene	ND	0.039		mg/Kg-dry	1	8/25/2017
Dibenz(a,h)anthracene	ND	0.039		mg/Kg-dry	1	8/25/2017
Dibenzofuran	ND	0.20		mg/Kg-dry	1	8/25/2017
1,2-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	8/25/2017
1,3-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	8/25/2017
1,4-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	8/25/2017
3,3'-Dichlorobenzidine	ND	0.20		mg/Kg-dry	1	8/25/2017
2,4-Dichlorophenol	ND	0.20		mg/Kg-dry	1	8/25/2017
Diethyl phthalate	ND	0.20		mg/Kg-dry	1	8/25/2017
2,4-Dimethylphenol	ND	0.20		mg/Kg-dry	1	8/25/2017
Dimethyl phthalate	ND	0.20		mg/Kg-dry	1	8/25/2017
4,6-Dinitro-2-methylphenol	ND	0.39		mg/Kg-dry	1	8/25/2017
2,4-Dinitrophenol	ND	0.99		mg/Kg-dry	1	8/25/2017
2,4-Dinitrotoluene	ND	0.039		mg/Kg-dry	1	8/25/2017
2,6-Dinitrotoluene	ND	0.039		mg/Kg-dry	1	8/25/2017

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

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

STAT Analysis Corporation

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

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

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

Report Date: August 30, 2017

ANALYTICAL RESULTS

Print Date: August 30, 2017

Client: Huff & Huff, Inc.

Client Sample ID: 2597V-09-12 (0-4)

Work Order: 17080741 Revision 0

Tag Number:

Project: 81.0220509.08, 2597V-IL 53 at Hicks Road, Long

Collection Date: 8/21/2017 10:14:00 AM

Lab ID: 17080741-018B

Matrix: Soil

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

Semivolatile Organic Compounds by GC/MS SW8270C (SW3550B) Prep Date: 8/24/2017 Analyst: DM

Di-n-butyl phthalate	ND	0.20		mg/Kg-dry	1	8/25/2017
Di-n-octyl phthalate	ND	0.20		mg/Kg-dry	1	8/25/2017
Fluoranthene	ND	0.039		mg/Kg-dry	1	8/25/2017
Fluorene	ND	0.039		mg/Kg-dry	1	8/25/2017
Hexachlorobenzene	ND	0.20		mg/Kg-dry	1	8/25/2017
Hexachlorobutadiene	ND	0.20		mg/Kg-dry	1	8/25/2017
Hexachlorocyclopentadiene	ND	0.20		mg/Kg-dry	1	8/25/2017
Hexachloroethane	ND	0.20		mg/Kg-dry	1	8/25/2017
Indeno(1,2,3-cd)pyrene	ND	0.039		mg/Kg-dry	1	8/25/2017
Isophorone	ND	0.20		mg/Kg-dry	1	8/25/2017
2-Methylnaphthalene	ND	0.20		mg/Kg-dry	1	8/25/2017
2-Methylphenol	ND	0.20		mg/Kg-dry	1	8/25/2017
4-Methylphenol	ND	0.20		mg/Kg-dry	1	8/25/2017
Naphthalene	ND	0.039		mg/Kg-dry	1	8/25/2017
2-Nitroaniline	ND	0.20		mg/Kg-dry	1	8/25/2017
3-Nitroaniline	ND	0.20		mg/Kg-dry	1	8/25/2017
4-Nitroaniline	ND	0.20		mg/Kg-dry	1	8/25/2017
2-Nitrophenol	ND	0.20		mg/Kg-dry	1	8/25/2017
4-Nitrophenol	ND	0.39		mg/Kg-dry	1	8/25/2017
Nitrobenzene	ND	0.039		mg/Kg-dry	1	8/25/2017
N-Nitrosodi-n-propylamine	ND	0.039		mg/Kg-dry	1	8/25/2017
N-Nitrosodimethylamine	ND	0.20		mg/Kg-dry	1	8/25/2017
N-Nitrosodiphenylamine	ND	0.20		mg/Kg-dry	1	8/25/2017
2, 2'-oxybis(1-Chloropropane)	ND	0.20		mg/Kg-dry	1	8/25/2017
Pentachlorophenol	ND	0.080		mg/Kg-dry	1	8/25/2017
Phenanthrene	ND	0.039		mg/Kg-dry	1	8/25/2017
Phenol	ND	0.20		mg/Kg-dry	1	8/25/2017
Pyrene	ND	0.039		mg/Kg-dry	1	8/25/2017
Pyridine	ND	0.80		mg/Kg-dry	1	8/25/2017
1,2,4-Trichlorobenzene	ND	0.20		mg/Kg-dry	1	8/25/2017
2,4,5-Trichlorophenol	ND	0.20		mg/Kg-dry	1	8/25/2017
2,4,6-Trichlorophenol	ND	0.20		mg/Kg-dry	1	8/25/2017

Metals by ICP/MS SW6020 (SW3050B) Prep Date: 8/23/2017 Analyst: JG

Antimony	ND	2.2		mg/Kg-dry	10	8/24/2017
Arsenic	13	1.1		mg/Kg-dry	10	8/24/2017
Barium	160	1.1		mg/Kg-dry	10	8/24/2017
Beryllium	0.79	0.54		mg/Kg-dry	10	8/24/2017
Cadmium	ND	0.54		mg/Kg-dry	10	8/25/2017

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

STAT Analysis Corporation

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

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

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

Report Date: August 30, 2017

ANALYTICAL RESULTS

Print Date: August 30, 2017

Client: Huff & Huff, Inc.

Client Sample ID: 2597V-09-12 (0-4)

Work Order: 17080741 Revision 0

Tag Number:

Project: 81.0220509.08, 2597V-IL 53 at Hicks Road, Long

Collection Date: 8/21/2017 10:14:00 AM

Lab ID: 17080741-018B

Matrix: Soil

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

Metals by ICP/MS

SW6020 (SW3050B)

Prep Date: 8/23/2017

Analyst: JG

Calcium	89000	65		mg/Kg-dry	10	8/24/2017
Chromium	24	1.1		mg/Kg-dry	10	8/24/2017
Cobalt	18	1.1		mg/Kg-dry	10	8/24/2017
Copper	38	2.7		mg/Kg-dry	10	8/24/2017
Iron	34000	33		mg/Kg-dry	10	8/24/2017
Lead	22	0.54		mg/Kg-dry	10	8/24/2017
Magnesium	46000	33		mg/Kg-dry	10	8/24/2017
Manganese	880	1.1		mg/Kg-dry	10	8/24/2017
Nickel	45	1.1		mg/Kg-dry	10	8/24/2017
Potassium	2000	33		mg/Kg-dry	10	8/24/2017
Selenium	ND	1.1		mg/Kg-dry	10	8/24/2017
Silver	ND	1.1		mg/Kg-dry	10	8/24/2017
Sodium	2300	65		mg/Kg-dry	10	8/24/2017
Thallium	ND	1.1		mg/Kg-dry	10	8/24/2017
Vanadium	29	1.1		mg/Kg-dry	10	8/24/2017
Zinc	87	5.4		mg/Kg-dry	10	8/24/2017

SPLP Metals by ICP/MS

SW1312/6020 (SW3005A)

Prep Date: 8/24/2017

Analyst: JG

Arsenic	0.0063	0.0040		mg/L	2	8/26/2017
Barium	0.088	0.020		mg/L	2	8/26/2017
Beryllium	ND	0.0020		mg/L	2	8/26/2017
Cadmium	ND	0.0020		mg/L	2	8/26/2017
Chromium	0.0072	0.0040		mg/L	2	8/26/2017
Cobalt	ND	0.0040		mg/L	2	8/26/2017
Copper	ND	0.040		mg/L	2	8/26/2017
Iron	8.0	0.10		mg/L	2	8/26/2017
Lead	0.0038	0.0020		mg/L	2	8/26/2017
Manganese	0.039	0.0040		mg/L	2	8/26/2017
Nickel	0.0087	0.0040		mg/L	2	8/26/2017
Selenium	ND	0.0040		mg/L	2	8/26/2017
Silver	ND	0.0040		mg/L	2	8/26/2017
Zinc	0.036	0.020		mg/L	2	8/26/2017

TCLP Metals by ICP/MS

SW1311/6020 (SW3005A)

Prep Date: 8/28/2017

Analyst: JG

Arsenic	ND	0.010		mg/L	5	8/28/2017
Barium	1.3	0.050		mg/L	5	8/28/2017
Beryllium	ND	0.0050		mg/L	5	8/28/2017
Cadmium	ND	0.0050		mg/L	5	8/28/2017
Chromium	ND	0.010		mg/L	5	8/28/2017

Qualifiers:

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

* - Non-accredited parameter

H - Holding time exceeded

STAT Analysis Corporation

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

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

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

Report Date: August 30, 2017

ANALYTICAL RESULTS

Print Date: August 30, 2017

Client: Huff & Huff, Inc.

Client Sample ID: 2597V-09-12 (0-4)

Work Order: 17080741 Revision 0

Tag Number:

Project: 81.0220509.08, 2597V-IL 53 at Hicks Road, Long

Collection Date: 8/21/2017 10:14:00 AM

Lab ID: 17080741-018B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
TCLP Metals by ICP/MS	SW1311/6020 (SW3005A)		Prep Date: 8/28/2017		Analyst: JG	
Cobalt	ND	0.010		mg/L	5	8/28/2017
Copper	ND	0.10		mg/L	5	8/28/2017
Iron	ND	0.25		mg/L	5	8/28/2017
Lead	ND	0.0050		mg/L	5	8/28/2017
Manganese	1.5	0.010		mg/L	5	8/28/2017
Nickel	0.015	0.010		mg/L	5	8/28/2017
Selenium	ND	0.010		mg/L	5	8/28/2017
Silver	ND	0.010		mg/L	5	8/28/2017
Zinc	0.19	0.050		mg/L	5	8/28/2017
TCLP Mercury	SW1311/7470A		Prep Date: 8/25/2017		Analyst: LB	
Mercury	ND	0.00020		mg/L	1	8/25/2017
SPLP Mercury	SW1312/7470A		Prep Date: 8/24/2017		Analyst: LB	
Mercury	ND	0.00025		mg/L	1	8/25/2017
Mercury	SW7471A		Prep Date: 8/25/2017		Analyst: LB	
Mercury	0.023	0.022		mg/Kg-dry	1	8/25/2017
pH (25 °C)	SW9045C		Prep Date: 8/25/2017		Analyst: RW	
pH	8.63			pH Units	1	8/25/2017
Percent Moisture	D2974		Prep Date: 8/24/2017		Analyst: KKA	
Percent Moisture	16.6	0.2	*	wt%	1	8/25/2017

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

HT - Sample received past holding time

* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

H - Holding time exceeded

STAT Analysis Corporation

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

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

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

Report Date: August 30, 2017

ANALYTICAL RESULTS

Print Date: August 30, 2017

Client: Huff & Huff, Inc.

Client Sample ID: 2597V-09-13 (0-4)

Work Order: 17080741 Revision 0

Tag Number:

Project: 81.0220509.08, 2597V-IL 53 at Hicks Road, Long

Collection Date: 8/21/2017 10:10:00 AM

Lab ID: 17080741-017A

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS	SW5035/8260B		Prep Date: 8/22/2017		Analyst: ERP	
Acetone	ND	0.067		mg/Kg-dry	1	8/25/2017
Benzene	ND	0.0044		mg/Kg-dry	1	8/25/2017
Bromodichloromethane	ND	0.0044		mg/Kg-dry	1	8/25/2017
Bromoform	ND	0.0044		mg/Kg-dry	1	8/25/2017
Bromomethane	ND	0.0089		mg/Kg-dry	1	8/25/2017
2-Butanone	ND	0.067		mg/Kg-dry	1	8/25/2017
Carbon disulfide	ND	0.044		mg/Kg-dry	1	8/25/2017
Carbon tetrachloride	ND	0.0044		mg/Kg-dry	1	8/25/2017
Chlorobenzene	ND	0.0044		mg/Kg-dry	1	8/25/2017
Chloroethane	ND	0.0089		mg/Kg-dry	1	8/25/2017
Chloroform	ND	0.0044		mg/Kg-dry	1	8/25/2017
Chloromethane	ND	0.0089		mg/Kg-dry	1	8/25/2017
Dibromochloromethane	ND	0.0044		mg/Kg-dry	1	8/25/2017
1,1-Dichloroethane	ND	0.0044		mg/Kg-dry	1	8/25/2017
1,2-Dichloroethane	ND	0.0044		mg/Kg-dry	1	8/25/2017
1,1-Dichloroethene	ND	0.0044		mg/Kg-dry	1	8/25/2017
cis-1,2-Dichloroethene	ND	0.0044		mg/Kg-dry	1	8/25/2017
trans-1,2-Dichloroethene	ND	0.0044		mg/Kg-dry	1	8/25/2017
1,2-Dichloropropane	ND	0.0044		mg/Kg-dry	1	8/25/2017
cis-1,3-Dichloropropene	ND	0.0018		mg/Kg-dry	1	8/25/2017
trans-1,3-Dichloropropene	ND	0.0018		mg/Kg-dry	1	8/25/2017
Ethylbenzene	ND	0.0044		mg/Kg-dry	1	8/25/2017
2-Hexanone	ND	0.018		mg/Kg-dry	1	8/25/2017
4-Methyl-2-pentanone	ND	0.018		mg/Kg-dry	1	8/25/2017
Methylene chloride	ND	0.0089		mg/Kg-dry	1	8/25/2017
Methyl tert-butyl ether	ND	0.0044		mg/Kg-dry	1	8/25/2017
Styrene	ND	0.0044		mg/Kg-dry	1	8/25/2017
1,1,2,2-Tetrachloroethane	ND	0.0044		mg/Kg-dry	1	8/25/2017
Tetrachloroethene	ND	0.0044		mg/Kg-dry	1	8/25/2017
Toluene	ND	0.0044		mg/Kg-dry	1	8/25/2017
1,1,1-Trichloroethane	ND	0.0044		mg/Kg-dry	1	8/25/2017
1,1,2-Trichloroethane	ND	0.0044		mg/Kg-dry	1	8/25/2017
Trichloroethene	ND	0.0044		mg/Kg-dry	1	8/25/2017
Vinyl chloride	ND	0.0044		mg/Kg-dry	1	8/25/2017
Xylenes, Total	ND	0.013		mg/Kg-dry	1	8/25/2017

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

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

STAT Analysis Corporation

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

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

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

Report Date: August 30, 2017

ANALYTICAL RESULTS

Print Date: August 30, 2017

Client: Huff & Huff, Inc.

Client Sample ID: 2597V-09-13 (0-4)

Work Order: 17080741 Revision 0

Tag Number:

Project: 81.0220509.08, 2597V-IL 53 at Hicks Road, Long

Collection Date: 8/21/2017 10:10:00 AM

Lab ID: 17080741-017B

Matrix: Soil

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

Semivolatile Organic Compounds by GC/MS	SW8270C (SW3550B)					Prep Date: 8/24/2017 Analyst: DM
Acenaphthene	ND	0.039		mg/Kg-dry	1	8/25/2017
Acenaphthylene	ND	0.039		mg/Kg-dry	1	8/25/2017
Aniline	ND	0.39		mg/Kg-dry	1	8/25/2017
Anthracene	ND	0.039		mg/Kg-dry	1	8/25/2017
Benz(a)anthracene	ND	0.039		mg/Kg-dry	1	8/25/2017
Benzdine	ND	0.39		mg/Kg-dry	1	8/25/2017
Benzo(a)pyrene	ND	0.039		mg/Kg-dry	1	8/25/2017
Benzo(b)fluoranthene	ND	0.039		mg/Kg-dry	1	8/25/2017
Benzo(g,h,i)perylene	ND	0.039		mg/Kg-dry	1	8/25/2017
Benzo(k)fluoranthene	ND	0.039		mg/Kg-dry	1	8/25/2017
Benzoic acid	ND	0.98		mg/Kg-dry	1	8/25/2017
Benzyl alcohol	ND	0.20		mg/Kg-dry	1	8/25/2017
Bis(2-chloroethoxy)methane	ND	0.20		mg/Kg-dry	1	8/25/2017
Bis(2-chloroethyl)ether	ND	0.20		mg/Kg-dry	1	8/25/2017
Bis(2-ethylhexyl)phthalate	ND	0.98		mg/Kg-dry	1	8/25/2017
4-Bromophenyl phenyl ether	ND	0.20		mg/Kg-dry	1	8/25/2017
Butyl benzyl phthalate	ND	0.20		mg/Kg-dry	1	8/25/2017
Carbazole	ND	0.20		mg/Kg-dry	1	8/25/2017
4-Chloroaniline	ND	0.20		mg/Kg-dry	1	8/25/2017
4-Chloro-3-methylphenol	ND	0.39		mg/Kg-dry	1	8/25/2017
2-Chloronaphthalene	ND	0.20		mg/Kg-dry	1	8/25/2017
2-Chlorophenol	ND	0.20		mg/Kg-dry	1	8/25/2017
4-Chlorophenyl phenyl ether	ND	0.20		mg/Kg-dry	1	8/25/2017
Chrysene	ND	0.039		mg/Kg-dry	1	8/25/2017
Dibenz(a,h)anthracene	ND	0.039		mg/Kg-dry	1	8/25/2017
Dibenzofuran	ND	0.20		mg/Kg-dry	1	8/25/2017
1,2-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	8/25/2017
1,3-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	8/25/2017
1,4-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	8/25/2017
3,3'-Dichlorobenzidine	ND	0.20		mg/Kg-dry	1	8/25/2017
2,4-Dichlorophenol	ND	0.20		mg/Kg-dry	1	8/25/2017
Diethyl phthalate	ND	0.20		mg/Kg-dry	1	8/25/2017
2,4-Dimethylphenol	ND	0.20		mg/Kg-dry	1	8/25/2017
Dimethyl phthalate	ND	0.20		mg/Kg-dry	1	8/25/2017
4,6-Dinitro-2-methylphenol	ND	0.39		mg/Kg-dry	1	8/25/2017
2,4-Dinitrophenol	ND	0.98		mg/Kg-dry	1	8/25/2017
2,4-Dinitrotoluene	ND	0.039		mg/Kg-dry	1	8/25/2017
2,6-Dinitrotoluene	ND	0.039		mg/Kg-dry	1	8/25/2017

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

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

STAT Analysis Corporation

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

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

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

Report Date: August 30, 2017

ANALYTICAL RESULTS

Print Date: August 30, 2017

Client: Huff & Huff, Inc.

Client Sample ID: 2597V-09-13 (0-4)

Work Order: 17080741 Revision 0

Tag Number:

Project: 81.0220509.08, 2597V-IL 53 at Hicks Road, Long

Collection Date: 8/21/2017 10:10:00 AM

Lab ID: 17080741-017B

Matrix: Soil

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

Semivolatile Organic Compounds by GC/MS SW8270C (SW3550B) Prep Date: 8/24/2017 Analyst: DM

Di-n-butyl phthalate	ND	0.20		mg/Kg-dry	1	8/25/2017
Di-n-octyl phthalate	ND	0.20		mg/Kg-dry	1	8/25/2017
Fluoranthene	ND	0.039		mg/Kg-dry	1	8/25/2017
Fluorene	ND	0.039		mg/Kg-dry	1	8/25/2017
Hexachlorobenzene	ND	0.20		mg/Kg-dry	1	8/25/2017
Hexachlorobutadiene	ND	0.20		mg/Kg-dry	1	8/25/2017
Hexachlorocyclopentadiene	ND	0.20		mg/Kg-dry	1	8/25/2017
Hexachloroethane	ND	0.20		mg/Kg-dry	1	8/25/2017
Indeno(1,2,3-cd)pyrene	ND	0.039		mg/Kg-dry	1	8/25/2017
Isophorone	ND	0.20		mg/Kg-dry	1	8/25/2017
2-Methylnaphthalene	ND	0.20		mg/Kg-dry	1	8/25/2017
2-Methylphenol	ND	0.20		mg/Kg-dry	1	8/25/2017
4-Methylphenol	ND	0.20		mg/Kg-dry	1	8/25/2017
Naphthalene	ND	0.039		mg/Kg-dry	1	8/25/2017
2-Nitroaniline	ND	0.20		mg/Kg-dry	1	8/25/2017
3-Nitroaniline	ND	0.20		mg/Kg-dry	1	8/25/2017
4-Nitroaniline	ND	0.20		mg/Kg-dry	1	8/25/2017
2-Nitrophenol	ND	0.20		mg/Kg-dry	1	8/25/2017
4-Nitrophenol	ND	0.39		mg/Kg-dry	1	8/25/2017
Nitrobenzene	ND	0.039		mg/Kg-dry	1	8/25/2017
N-Nitrosodi-n-propylamine	ND	0.039		mg/Kg-dry	1	8/25/2017
N-Nitrosodimethylamine	ND	0.20		mg/Kg-dry	1	8/25/2017
N-Nitrosodiphenylamine	ND	0.20		mg/Kg-dry	1	8/25/2017
2, 2'-oxybis(1-Chloropropane)	ND	0.20		mg/Kg-dry	1	8/25/2017
Pentachlorophenol	ND	0.079		mg/Kg-dry	1	8/25/2017
Phenanthrene	ND	0.039		mg/Kg-dry	1	8/25/2017
Phenol	ND	0.20		mg/Kg-dry	1	8/25/2017
Pyrene	ND	0.039		mg/Kg-dry	1	8/25/2017
Pyridine	ND	0.79		mg/Kg-dry	1	8/25/2017
1,2,4-Trichlorobenzene	ND	0.20		mg/Kg-dry	1	8/25/2017
2,4,5-Trichlorophenol	ND	0.20		mg/Kg-dry	1	8/25/2017
2,4,6-Trichlorophenol	ND	0.20		mg/Kg-dry	1	8/25/2017

Metals by ICP/MS SW6020 (SW3050B) Prep Date: 8/23/2017 Analyst: JG

Antimony	ND	2.1		mg/Kg-dry	10	8/24/2017
Arsenic	12	1.0		mg/Kg-dry	10	8/24/2017
Barium	100	1.0		mg/Kg-dry	10	8/24/2017
Beryllium	0.72	0.52		mg/Kg-dry	10	8/24/2017
Cadmium	ND	0.52		mg/Kg-dry	10	8/25/2017

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

STAT Analysis Corporation

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

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

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

Report Date: August 30, 2017

ANALYTICAL RESULTS

Print Date: August 30, 2017

Client: Huff & Huff, Inc.

Client Sample ID: 2597V-09-13 (0-4)

Work Order: 17080741 Revision 0

Tag Number:

Project: 81.0220509.08, 2597V-IL 53 at Hicks Road, Long

Collection Date: 8/21/2017 10:10:00 AM

Lab ID: 17080741-017B

Matrix: Soil

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

Metals by ICP/MS

SW6020 (SW3050B)

Prep Date: 8/23/2017

Analyst: JG

Calcium	67000	63		mg/Kg-dry	10	8/24/2017
Chromium	20	1.0		mg/Kg-dry	10	8/24/2017
Cobalt	15	1.0		mg/Kg-dry	10	8/24/2017
Copper	33	2.6		mg/Kg-dry	10	8/24/2017
Iron	30000	31		mg/Kg-dry	10	8/24/2017
Lead	20	0.52		mg/Kg-dry	10	8/24/2017
Magnesium	36000	31		mg/Kg-dry	10	8/24/2017
Manganese	780	1.0		mg/Kg-dry	10	8/24/2017
Nickel	39	1.0		mg/Kg-dry	10	8/24/2017
Potassium	1600	31		mg/Kg-dry	10	8/24/2017
Selenium	ND	1.0		mg/Kg-dry	10	8/24/2017
Silver	ND	1.0		mg/Kg-dry	10	8/24/2017
Sodium	2500	63		mg/Kg-dry	10	8/24/2017
Thallium	ND	1.0		mg/Kg-dry	10	8/24/2017
Vanadium	27	1.0		mg/Kg-dry	10	8/24/2017
Zinc	80	5.2		mg/Kg-dry	10	8/24/2017

SPLP Metals by ICP/MS

SW1312/6020 (SW3005A)

Prep Date: 8/24/2017

Analyst: JG

Arsenic	0.0099	0.0040		mg/L	2	8/26/2017
Barium	0.15	0.020		mg/L	2	8/26/2017
Beryllium	ND	0.0020		mg/L	2	8/26/2017
Cadmium	ND	0.0020		mg/L	2	8/26/2017
Chromium	0.011	0.0040		mg/L	2	8/26/2017
Cobalt	0.0042	0.0040		mg/L	2	8/26/2017
Copper	ND	0.040		mg/L	2	8/26/2017
Iron	13	0.10		mg/L	2	8/26/2017
Lead	0.0067	0.0020		mg/L	2	8/26/2017
Manganese	0.073	0.0040		mg/L	2	8/26/2017
Nickel	0.015	0.0040		mg/L	2	8/26/2017
Selenium	ND	0.0040		mg/L	2	8/26/2017
Silver	ND	0.0040		mg/L	2	8/26/2017
Zinc	0.057	0.020		mg/L	2	8/26/2017

TCLP Metals by ICP/MS

SW1311/6020 (SW3005A)

Prep Date: 8/28/2017

Analyst: JG

Arsenic	ND	0.010		mg/L	5	8/28/2017
Barium	1.2	0.050		mg/L	5	8/28/2017
Beryllium	ND	0.0050		mg/L	5	8/28/2017
Cadmium	ND	0.0050		mg/L	5	8/28/2017
Chromium	ND	0.010		mg/L	5	8/28/2017

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

HT - Sample received past holding time

* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

H - Holding time exceeded

STAT Analysis Corporation

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

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

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

Report Date: August 30, 2017

Print Date: August 30, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2597V-09-13 (0-4)

Work Order: 17080741 Revision 0

Tag Number:

Project: 81.0220509.08, 2597V-IL 53 at Hicks Road, Long

Collection Date: 8/21/2017 10:10:00 AM

Lab ID: 17080741-017B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
TCLP Metals by ICP/MS	SW1311/6020 (SW3005A)		Prep Date: 8/28/2017		Analyst: JG	
Cobalt	ND	0.010		mg/L	5	8/28/2017
Copper	ND	0.10		mg/L	5	8/28/2017
Iron	ND	0.25		mg/L	5	8/28/2017
Lead	ND	0.0050		mg/L	5	8/28/2017
Manganese	1.9	0.010		mg/L	5	8/28/2017
Nickel	0.028	0.010		mg/L	5	8/28/2017
Selenium	ND	0.010		mg/L	5	8/28/2017
Silver	ND	0.010		mg/L	5	8/28/2017
Zinc	0.16	0.050		mg/L	5	8/28/2017
TCLP Mercury	SW1311/7470A		Prep Date: 8/25/2017		Analyst: LB	
Mercury	ND	0.00020		mg/L	1	8/25/2017
SPLP Mercury	SW1312/7470A		Prep Date: 8/24/2017		Analyst: LB	
Mercury	ND	0.00025		mg/L	1	8/25/2017
Mercury	SW7471A		Prep Date: 8/25/2017		Analyst: LB	
Mercury	0.029	0.023		mg/Kg-dry	1	8/25/2017
pH (25 °C)	SW9045C		Prep Date: 8/25/2017		Analyst: RW	
pH	8.73			pH Units	1	8/25/2017
Percent Moisture	D2974		Prep Date: 8/24/2017		Analyst: KKA	
Percent Moisture	16.3	0.2	*	wt%	1	8/25/2017

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

HT - Sample received past holding time

* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

H - Holding time exceeded

STAT Analysis Corporation

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

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

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

Report Date: August 30, 2017

ANALYTICAL RESULTS

Print Date: August 30, 2017

Client: Huff & Huff, Inc.

Client Sample ID: 2597V-10-04 (0-4)

Work Order: 17080741 Revision 0

Tag Number:

Project: 81.0220509.08, 2597V-IL 53 at Hicks Road, Long

Collection Date: 8/21/2017 9:30:00 AM

Lab ID: 17080741-004A

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS	SW5035/8260B		Prep Date: 8/22/2017		Analyst: ERP	
Acetone	ND	0.071		mg/Kg-dry	1	8/25/2017
Benzene	ND	0.0047		mg/Kg-dry	1	8/25/2017
Bromodichloromethane	ND	0.0047		mg/Kg-dry	1	8/25/2017
Bromoform	ND	0.0047		mg/Kg-dry	1	8/25/2017
Bromomethane	ND	0.0094		mg/Kg-dry	1	8/25/2017
2-Butanone	ND	0.071		mg/Kg-dry	1	8/25/2017
Carbon disulfide	ND	0.047		mg/Kg-dry	1	8/25/2017
Carbon tetrachloride	ND	0.0047		mg/Kg-dry	1	8/25/2017
Chlorobenzene	ND	0.0047		mg/Kg-dry	1	8/25/2017
Chloroethane	ND	0.0094		mg/Kg-dry	1	8/25/2017
Chloroform	ND	0.0047		mg/Kg-dry	1	8/25/2017
Chloromethane	ND	0.0094		mg/Kg-dry	1	8/25/2017
Dibromochloromethane	ND	0.0047		mg/Kg-dry	1	8/25/2017
1,1-Dichloroethane	ND	0.0047		mg/Kg-dry	1	8/25/2017
1,2-Dichloroethane	ND	0.0047		mg/Kg-dry	1	8/25/2017
1,1-Dichloroethene	ND	0.0047		mg/Kg-dry	1	8/25/2017
cis-1,2-Dichloroethene	ND	0.0047		mg/Kg-dry	1	8/25/2017
trans-1,2-Dichloroethene	ND	0.0047		mg/Kg-dry	1	8/25/2017
1,2-Dichloropropane	ND	0.0047		mg/Kg-dry	1	8/25/2017
cis-1,3-Dichloropropene	ND	0.0019		mg/Kg-dry	1	8/25/2017
trans-1,3-Dichloropropene	ND	0.0019		mg/Kg-dry	1	8/25/2017
Ethylbenzene	ND	0.0047		mg/Kg-dry	1	8/25/2017
2-Hexanone	ND	0.019		mg/Kg-dry	1	8/25/2017
4-Methyl-2-pentanone	ND	0.019		mg/Kg-dry	1	8/25/2017
Methylene chloride	ND	0.0094		mg/Kg-dry	1	8/25/2017
Methyl tert-butyl ether	ND	0.0047		mg/Kg-dry	1	8/25/2017
Styrene	ND	0.0047		mg/Kg-dry	1	8/25/2017
1,1,2,2-Tetrachloroethane	ND	0.0047		mg/Kg-dry	1	8/25/2017
Tetrachloroethene	ND	0.0047		mg/Kg-dry	1	8/25/2017
Toluene	ND	0.0047		mg/Kg-dry	1	8/25/2017
1,1,1-Trichloroethane	ND	0.0047		mg/Kg-dry	1	8/25/2017
1,1,2-Trichloroethane	ND	0.0047		mg/Kg-dry	1	8/25/2017
Trichloroethene	ND	0.0047		mg/Kg-dry	1	8/25/2017
Vinyl chloride	ND	0.0047		mg/Kg-dry	1	8/25/2017
Xylenes, Total	ND	0.014		mg/Kg-dry	1	8/25/2017

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

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

STAT Analysis Corporation

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

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

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

Report Date: August 30, 2017

ANALYTICAL RESULTS

Print Date: August 30, 2017

Client: Huff & Huff, Inc.

Client Sample ID: 2597V-10-04 (0-4)

Work Order: 17080741 Revision 0

Tag Number:

Project: 81.0220509.08, 2597V-IL 53 at Hicks Road, Long

Collection Date: 8/21/2017 9:30:00 AM

Lab ID: 17080741-004B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS	SW8270C (SW3550B)					Prep Date: 8/24/2017 Analyst: DM
Acenaphthene	ND	0.039		mg/Kg-dry	1	8/25/2017
Acenaphthylene	ND	0.039		mg/Kg-dry	1	8/25/2017
Aniline	ND	0.40		mg/Kg-dry	1	8/25/2017
Anthracene	ND	0.039		mg/Kg-dry	1	8/25/2017
Benz(a)anthracene	ND	0.039		mg/Kg-dry	1	8/25/2017
Benzidine	ND	0.39		mg/Kg-dry	1	8/25/2017
Benzo(a)pyrene	ND	0.039		mg/Kg-dry	1	8/25/2017
Benzo(b)fluoranthene	ND	0.039		mg/Kg-dry	1	8/25/2017
Benzo(g,h,i)perylene	ND	0.039		mg/Kg-dry	1	8/25/2017
Benzo(k)fluoranthene	ND	0.039		mg/Kg-dry	1	8/25/2017
Benzoic acid	ND	0.99		mg/Kg-dry	1	8/25/2017
Benzyl alcohol	ND	0.20		mg/Kg-dry	1	8/25/2017
Bis(2-chloroethoxy)methane	ND	0.20		mg/Kg-dry	1	8/25/2017
Bis(2-chloroethyl)ether	ND	0.20		mg/Kg-dry	1	8/25/2017
Bis(2-ethylhexyl)phthalate	ND	0.99		mg/Kg-dry	1	8/25/2017
4-Bromophenyl phenyl ether	ND	0.20		mg/Kg-dry	1	8/25/2017
Butyl benzyl phthalate	ND	0.20		mg/Kg-dry	1	8/25/2017
Carbazole	ND	0.20		mg/Kg-dry	1	8/25/2017
4-Chloroaniline	ND	0.20		mg/Kg-dry	1	8/25/2017
4-Chloro-3-methylphenol	ND	0.39		mg/Kg-dry	1	8/25/2017
2-Chloronaphthalene	ND	0.20		mg/Kg-dry	1	8/25/2017
2-Chlorophenol	ND	0.20		mg/Kg-dry	1	8/25/2017
4-Chlorophenyl phenyl ether	ND	0.20		mg/Kg-dry	1	8/25/2017
Chrysene	ND	0.039		mg/Kg-dry	1	8/25/2017
Dibenz(a,h)anthracene	ND	0.039		mg/Kg-dry	1	8/25/2017
Dibenzofuran	ND	0.20		mg/Kg-dry	1	8/25/2017
1,2-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	8/25/2017
1,3-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	8/25/2017
1,4-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	8/25/2017
3,3'-Dichlorobenzidine	ND	0.20		mg/Kg-dry	1	8/25/2017
2,4-Dichlorophenol	ND	0.20		mg/Kg-dry	1	8/25/2017
Diethyl phthalate	ND	0.20		mg/Kg-dry	1	8/25/2017
2,4-Dimethylphenol	ND	0.20		mg/Kg-dry	1	8/25/2017
Dimethyl phthalate	ND	0.20		mg/Kg-dry	1	8/25/2017
4,6-Dinitro-2-methylphenol	ND	0.39		mg/Kg-dry	1	8/25/2017
2,4-Dinitrophenol	ND	0.99		mg/Kg-dry	1	8/25/2017
2,4-Dinitrotoluene	ND	0.039		mg/Kg-dry	1	8/25/2017
2,6-Dinitrotoluene	ND	0.039		mg/Kg-dry	1	8/25/2017

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

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

STAT Analysis Corporation

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

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

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

Report Date: August 30, 2017

ANALYTICAL RESULTS

Print Date: August 30, 2017

Client: Huff & Huff, Inc.

Client Sample ID: 2597V-10-04 (0-4)

Work Order: 17080741 Revision 0

Tag Number:

Project: 81.0220509.08, 2597V-IL 53 at Hicks Road, Long

Collection Date: 8/21/2017 9:30:00 AM

Lab ID: 17080741-004B

Matrix: Soil

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

Semivolatile Organic Compounds by GC/MS SW8270C (SW3550B) Prep Date: 8/24/2017 Analyst: DM

Di-n-butyl phthalate	ND	0.20		mg/Kg-dry	1	8/25/2017
Di-n-octyl phthalate	ND	0.20		mg/Kg-dry	1	8/25/2017
Fluoranthene	ND	0.039		mg/Kg-dry	1	8/25/2017
Fluorene	ND	0.039		mg/Kg-dry	1	8/25/2017
Hexachlorobenzene	ND	0.20		mg/Kg-dry	1	8/25/2017
Hexachlorobutadiene	ND	0.20		mg/Kg-dry	1	8/25/2017
Hexachlorocyclopentadiene	ND	0.20		mg/Kg-dry	1	8/25/2017
Hexachloroethane	ND	0.20		mg/Kg-dry	1	8/25/2017
Indeno(1,2,3-cd)pyrene	ND	0.039		mg/Kg-dry	1	8/25/2017
Isophorone	ND	0.20		mg/Kg-dry	1	8/25/2017
2-Methylnaphthalene	ND	0.20		mg/Kg-dry	1	8/25/2017
2-Methylphenol	ND	0.20		mg/Kg-dry	1	8/25/2017
4-Methylphenol	ND	0.20		mg/Kg-dry	1	8/25/2017
Naphthalene	ND	0.039		mg/Kg-dry	1	8/25/2017
2-Nitroaniline	ND	0.20		mg/Kg-dry	1	8/25/2017
3-Nitroaniline	ND	0.20		mg/Kg-dry	1	8/25/2017
4-Nitroaniline	ND	0.20		mg/Kg-dry	1	8/25/2017
2-Nitrophenol	ND	0.20		mg/Kg-dry	1	8/25/2017
4-Nitrophenol	ND	0.39		mg/Kg-dry	1	8/25/2017
Nitrobenzene	ND	0.039		mg/Kg-dry	1	8/25/2017
N-Nitrosodi-n-propylamine	ND	0.039		mg/Kg-dry	1	8/25/2017
N-Nitrosodimethylamine	ND	0.20		mg/Kg-dry	1	8/25/2017
N-Nitrosodiphenylamine	ND	0.20		mg/Kg-dry	1	8/25/2017
2, 2'-oxybis(1-Chloropropane)	ND	0.20		mg/Kg-dry	1	8/25/2017
Pentachlorophenol	ND	0.080		mg/Kg-dry	1	8/25/2017
Phenanthrene	ND	0.039		mg/Kg-dry	1	8/25/2017
Phenol	ND	0.20		mg/Kg-dry	1	8/25/2017
Pyrene	ND	0.039		mg/Kg-dry	1	8/25/2017
Pyridine	ND	0.80		mg/Kg-dry	1	8/25/2017
1,2,4-Trichlorobenzene	ND	0.20		mg/Kg-dry	1	8/25/2017
2,4,5-Trichlorophenol	ND	0.20		mg/Kg-dry	1	8/25/2017
2,4,6-Trichlorophenol	ND	0.20		mg/Kg-dry	1	8/25/2017

Metals by ICP/MS SW6020 (SW3050B) Prep Date: 8/23/2017 Analyst: JG

Antimony	ND	2.1		mg/Kg-dry	10	8/24/2017
Arsenic	13	1.0		mg/Kg-dry	10	8/24/2017
Barium	120	1.0		mg/Kg-dry	10	8/24/2017
Beryllium	1.0	0.51		mg/Kg-dry	10	8/24/2017
Cadmium	ND	0.51		mg/Kg-dry	10	8/25/2017

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

STAT Analysis Corporation

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

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

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

Report Date: August 30, 2017

ANALYTICAL RESULTS

Print Date: August 30, 2017

Client: Huff & Huff, Inc.

Client Sample ID: 2597V-10-04 (0-4)

Work Order: 17080741 Revision 0

Tag Number:

Project: 81.0220509.08, 2597V-IL 53 at Hicks Road, Long

Collection Date: 8/21/2017 9:30:00 AM

Lab ID: 17080741-004B

Matrix: Soil

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

Metals by ICP/MS

SW6020 (SW3050B)

Prep Date: 8/23/2017

Analyst: JG

Calcium	6500	62		mg/Kg-dry	10	8/24/2017
Chromium	25	1.0		mg/Kg-dry	10	8/24/2017
Cobalt	15	1.0		mg/Kg-dry	10	8/24/2017
Copper	33	2.6		mg/Kg-dry	10	8/24/2017
Iron	36000	31		mg/Kg-dry	10	8/24/2017
Lead	24	0.51		mg/Kg-dry	10	8/24/2017
Magnesium	6700	31		mg/Kg-dry	10	8/24/2017
Manganese	750	1.0		mg/Kg-dry	10	8/24/2017
Nickel	33	1.0		mg/Kg-dry	10	8/24/2017
Potassium	1500	31		mg/Kg-dry	10	8/24/2017
Selenium	ND	1.0		mg/Kg-dry	10	8/24/2017
Silver	ND	1.0		mg/Kg-dry	10	8/24/2017
Sodium	1700	62		mg/Kg-dry	10	8/24/2017
Thallium	ND	1.0		mg/Kg-dry	10	8/24/2017
Vanadium	38	1.0		mg/Kg-dry	10	8/24/2017
Zinc	71	5.1		mg/Kg-dry	10	8/24/2017

SPLP Metals by ICP/MS

SW1312/6020 (SW3005A)

Prep Date: 8/24/2017

Analyst: JG

Arsenic	0.0085	0.0040		mg/L	2	8/26/2017
Barium	0.20	0.020		mg/L	2	8/26/2017
Beryllium	ND	0.0020		mg/L	2	8/26/2017
Cadmium	ND	0.0020		mg/L	2	8/26/2017
Chromium	0.017	0.0040		mg/L	2	8/26/2017
Cobalt	ND	0.0040		mg/L	2	8/26/2017
Copper	ND	0.040		mg/L	2	8/26/2017
Iron	19	0.10		mg/L	2	8/26/2017
Lead	0.0067	0.0020		mg/L	2	8/26/2017
Manganese	0.099	0.0040		mg/L	2	8/26/2017
Nickel	0.016	0.0040		mg/L	2	8/26/2017
Selenium	ND	0.0040		mg/L	2	8/26/2017
Silver	ND	0.0040		mg/L	2	8/26/2017
Zinc	0.050	0.020		mg/L	2	8/26/2017

TCLP Metals by ICP/MS

SW1311/6020 (SW3005A)

Prep Date: 8/28/2017

Analyst: JG

Arsenic	ND	0.010		mg/L	5	8/28/2017
Barium	0.95	0.050		mg/L	5	8/28/2017
Beryllium	ND	0.0050		mg/L	5	8/29/2017
Cadmium	ND	0.0050		mg/L	5	8/28/2017
Chromium	ND	0.010		mg/L	5	8/28/2017

Qualifiers:

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

* - Non-accredited parameter

H - Holding time exceeded

STAT Analysis Corporation

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

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

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

Report Date: August 30, 2017

ANALYTICAL RESULTS

Print Date: August 30, 2017

Client: Huff & Huff, Inc.

Client Sample ID: 2597V-10-04 (0-4)

Work Order: 17080741 Revision 0

Tag Number:

Project: 81.0220509.08, 2597V-IL 53 at Hicks Road, Long

Collection Date: 8/21/2017 9:30:00 AM

Lab ID: 17080741-004B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
TCLP Metals by ICP/MS	SW1311/6020 (SW3005A)			Prep Date: 8/28/2017		Analyst: JG
Cobalt	ND	0.010		mg/L	5	8/28/2017
Copper	ND	0.10		mg/L	5	8/28/2017
Iron	ND	0.25		mg/L	5	8/28/2017
Lead	ND	0.0050		mg/L	5	8/28/2017
Manganese	1.7	0.010		mg/L	5	8/28/2017
Nickel	0.018	0.010		mg/L	5	8/28/2017
Selenium	ND	0.010		mg/L	5	8/28/2017
Silver	ND	0.010		mg/L	5	8/28/2017
Zinc	0.20	0.050		mg/L	5	8/28/2017
TCLP Mercury	SW1311/7470A			Prep Date: 8/25/2017		Analyst: LB
Mercury	ND	0.00020		mg/L	1	8/25/2017
SPLP Mercury	SW1312/7470A			Prep Date: 8/24/2017		Analyst: LB
Mercury	ND	0.00025		mg/L	1	8/25/2017
Mercury	SW7471A			Prep Date: 8/24/2017		Analyst: LB
Mercury	0.038	0.021		mg/Kg-dry	1	8/25/2017
pH (25 °C)	SW9045C			Prep Date: 8/25/2017		Analyst: RW
pH	8.65			pH Units	1	8/25/2017
Percent Moisture	D2974			Prep Date: 8/24/2017		Analyst: KKA
Percent Moisture	16.6	0.2	*	wt%	1	8/25/2017

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

HT - Sample received past holding time

* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

H - Holding time exceeded

STAT Analysis Corporation

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

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

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

Report Date: August 30, 2017

ANALYTICAL RESULTS

Print Date: August 30, 2017

Client: Huff & Huff, Inc.

Client Sample ID: 2597V-10-09 (0-4)

Work Order: 17080741 Revision 0

Tag Number:

Project: 81.0220509.08, 2597V-IL 53 at Hicks Road, Long

Collection Date: 8/21/2017 9:45:00 AM

Lab ID: 17080741-009A

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS	SW5035/8260B		Prep Date: 8/22/2017		Analyst: ERP	
Acetone	ND	0.076		mg/Kg-dry	1	8/25/2017
Benzene	ND	0.0051		mg/Kg-dry	1	8/25/2017
Bromodichloromethane	ND	0.0051		mg/Kg-dry	1	8/25/2017
Bromoform	ND	0.0051		mg/Kg-dry	1	8/25/2017
Bromomethane	ND	0.010		mg/Kg-dry	1	8/25/2017
2-Butanone	ND	0.076		mg/Kg-dry	1	8/25/2017
Carbon disulfide	ND	0.051		mg/Kg-dry	1	8/25/2017
Carbon tetrachloride	ND	0.0051		mg/Kg-dry	1	8/25/2017
Chlorobenzene	ND	0.0051		mg/Kg-dry	1	8/25/2017
Chloroethane	ND	0.010		mg/Kg-dry	1	8/25/2017
Chloroform	ND	0.0051		mg/Kg-dry	1	8/25/2017
Chloromethane	ND	0.010		mg/Kg-dry	1	8/25/2017
Dibromochloromethane	ND	0.0051		mg/Kg-dry	1	8/25/2017
1,1-Dichloroethane	ND	0.0051		mg/Kg-dry	1	8/25/2017
1,2-Dichloroethane	ND	0.0051		mg/Kg-dry	1	8/25/2017
1,1-Dichloroethene	ND	0.0051		mg/Kg-dry	1	8/25/2017
cis-1,2-Dichloroethene	ND	0.0051		mg/Kg-dry	1	8/25/2017
trans-1,2-Dichloroethene	ND	0.0051		mg/Kg-dry	1	8/25/2017
1,2-Dichloropropane	ND	0.0051		mg/Kg-dry	1	8/25/2017
cis-1,3-Dichloropropene	ND	0.0020		mg/Kg-dry	1	8/25/2017
trans-1,3-Dichloropropene	ND	0.0020		mg/Kg-dry	1	8/25/2017
Ethylbenzene	ND	0.0051		mg/Kg-dry	1	8/25/2017
2-Hexanone	ND	0.020		mg/Kg-dry	1	8/25/2017
4-Methyl-2-pentanone	ND	0.020		mg/Kg-dry	1	8/25/2017
Methylene chloride	ND	0.010		mg/Kg-dry	1	8/25/2017
Methyl tert-butyl ether	ND	0.0051		mg/Kg-dry	1	8/25/2017
Styrene	ND	0.0051		mg/Kg-dry	1	8/25/2017
1,1,2,2-Tetrachloroethane	ND	0.0051		mg/Kg-dry	1	8/25/2017
Tetrachloroethene	ND	0.0051		mg/Kg-dry	1	8/25/2017
Toluene	ND	0.0051		mg/Kg-dry	1	8/25/2017
1,1,1-Trichloroethane	ND	0.0051		mg/Kg-dry	1	8/25/2017
1,1,2-Trichloroethane	ND	0.0051		mg/Kg-dry	1	8/25/2017
Trichloroethene	ND	0.0051		mg/Kg-dry	1	8/25/2017
Vinyl chloride	ND	0.0051		mg/Kg-dry	1	8/25/2017
Xylenes, Total	ND	0.015		mg/Kg-dry	1	8/25/2017

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

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

STAT Analysis Corporation

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

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

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

Report Date: August 30, 2017

ANALYTICAL RESULTS

Print Date: August 30, 2017

Client: Huff & Huff, Inc.

Client Sample ID: 2597V-10-09 (0-4)

Work Order: 17080741 Revision 0

Tag Number:

Project: 81.0220509.08, 2597V-IL 53 at Hicks Road, Long

Collection Date: 8/21/2017 9:45:00 AM

Lab ID: 17080741-009B

Matrix: Soil

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

Semivolatile Organic Compounds by GC/MS	SW8270C (SW3550B)					Prep Date: 8/24/2017 Analyst: DM
Acenaphthene	ND	0.041		mg/Kg-dry	1	8/25/2017
Acenaphthylene	ND	0.041		mg/Kg-dry	1	8/25/2017
Aniline	ND	0.42		mg/Kg-dry	1	8/25/2017
Anthracene	ND	0.041		mg/Kg-dry	1	8/25/2017
Benz(a)anthracene	ND	0.041		mg/Kg-dry	1	8/25/2017
Benzidine	ND	0.41		mg/Kg-dry	1	8/25/2017
Benzo(a)pyrene	ND	0.041		mg/Kg-dry	1	8/25/2017
Benzo(b)fluoranthene	ND	0.041		mg/Kg-dry	1	8/25/2017
Benzo(g,h,i)perylene	ND	0.041		mg/Kg-dry	1	8/25/2017
Benzo(k)fluoranthene	ND	0.041		mg/Kg-dry	1	8/25/2017
Benzoic acid	ND	1.0		mg/Kg-dry	1	8/25/2017
Benzyl alcohol	ND	0.21		mg/Kg-dry	1	8/25/2017
Bis(2-chloroethoxy)methane	ND	0.21		mg/Kg-dry	1	8/25/2017
Bis(2-chloroethyl)ether	ND	0.21		mg/Kg-dry	1	8/25/2017
Bis(2-ethylhexyl)phthalate	ND	1.0		mg/Kg-dry	1	8/25/2017
4-Bromophenyl phenyl ether	ND	0.21		mg/Kg-dry	1	8/25/2017
Butyl benzyl phthalate	ND	0.21		mg/Kg-dry	1	8/25/2017
Carbazole	ND	0.21		mg/Kg-dry	1	8/25/2017
4-Chloroaniline	ND	0.21		mg/Kg-dry	1	8/25/2017
4-Chloro-3-methylphenol	ND	0.41		mg/Kg-dry	1	8/25/2017
2-Chloronaphthalene	ND	0.21		mg/Kg-dry	1	8/25/2017
2-Chlorophenol	ND	0.21		mg/Kg-dry	1	8/25/2017
4-Chlorophenyl phenyl ether	ND	0.21		mg/Kg-dry	1	8/25/2017
Chrysene	ND	0.041		mg/Kg-dry	1	8/25/2017
Dibenz(a,h)anthracene	ND	0.041		mg/Kg-dry	1	8/25/2017
Dibenzofuran	ND	0.21		mg/Kg-dry	1	8/25/2017
1,2-Dichlorobenzene	ND	0.21		mg/Kg-dry	1	8/25/2017
1,3-Dichlorobenzene	ND	0.21		mg/Kg-dry	1	8/25/2017
1,4-Dichlorobenzene	ND	0.21		mg/Kg-dry	1	8/25/2017
3,3'-Dichlorobenzidine	ND	0.21		mg/Kg-dry	1	8/25/2017
2,4-Dichlorophenol	ND	0.21		mg/Kg-dry	1	8/25/2017
Diethyl phthalate	ND	0.21		mg/Kg-dry	1	8/25/2017
2,4-Dimethylphenol	ND	0.21		mg/Kg-dry	1	8/25/2017
Dimethyl phthalate	ND	0.21		mg/Kg-dry	1	8/25/2017
4,6-Dinitro-2-methylphenol	ND	0.41		mg/Kg-dry	1	8/25/2017
2,4-Dinitrophenol	ND	1.0		mg/Kg-dry	1	8/25/2017
2,4-Dinitrotoluene	ND	0.041		mg/Kg-dry	1	8/25/2017
2,6-Dinitrotoluene	ND	0.041		mg/Kg-dry	1	8/25/2017

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

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

STAT Analysis Corporation

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

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

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

Report Date: August 30, 2017

ANALYTICAL RESULTS

Print Date: August 30, 2017

Client: Huff & Huff, Inc.

Client Sample ID: 2597V-10-09 (0-4)

Work Order: 17080741 Revision 0

Tag Number:

Project: 81.0220509.08, 2597V-IL 53 at Hicks Road, Long

Collection Date: 8/21/2017 9:45:00 AM

Lab ID: 17080741-009B

Matrix: Soil

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

Semivolatile Organic Compounds by GC/MS SW8270C (SW3550B) Prep Date: 8/24/2017 Analyst: DM

Di-n-butyl phthalate	ND	0.21		mg/Kg-dry	1	8/25/2017
Di-n-octyl phthalate	ND	0.21		mg/Kg-dry	1	8/25/2017
Fluoranthene	ND	0.041		mg/Kg-dry	1	8/25/2017
Fluorene	ND	0.041		mg/Kg-dry	1	8/25/2017
Hexachlorobenzene	ND	0.21		mg/Kg-dry	1	8/25/2017
Hexachlorobutadiene	ND	0.21		mg/Kg-dry	1	8/25/2017
Hexachlorocyclopentadiene	ND	0.21		mg/Kg-dry	1	8/25/2017
Hexachloroethane	ND	0.21		mg/Kg-dry	1	8/25/2017
Indeno(1,2,3-cd)pyrene	ND	0.041		mg/Kg-dry	1	8/25/2017
Isophorone	ND	0.21		mg/Kg-dry	1	8/25/2017
2-Methylnaphthalene	ND	0.21		mg/Kg-dry	1	8/25/2017
2-Methylphenol	ND	0.21		mg/Kg-dry	1	8/25/2017
4-Methylphenol	ND	0.21		mg/Kg-dry	1	8/25/2017
Naphthalene	ND	0.041		mg/Kg-dry	1	8/25/2017
2-Nitroaniline	ND	0.21		mg/Kg-dry	1	8/25/2017
3-Nitroaniline	ND	0.21		mg/Kg-dry	1	8/25/2017
4-Nitroaniline	ND	0.21		mg/Kg-dry	1	8/25/2017
2-Nitrophenol	ND	0.21		mg/Kg-dry	1	8/25/2017
4-Nitrophenol	ND	0.41		mg/Kg-dry	1	8/25/2017
Nitrobenzene	ND	0.041		mg/Kg-dry	1	8/25/2017
N-Nitrosodi-n-propylamine	ND	0.041		mg/Kg-dry	1	8/25/2017
N-Nitrosodimethylamine	ND	0.21		mg/Kg-dry	1	8/25/2017
N-Nitrosodiphenylamine	ND	0.21		mg/Kg-dry	1	8/25/2017
2, 2'-oxybis(1-Chloropropane)	ND	0.21		mg/Kg-dry	1	8/25/2017
Pentachlorophenol	ND	0.084		mg/Kg-dry	1	8/25/2017
Phenanthrene	ND	0.041		mg/Kg-dry	1	8/25/2017
Phenol	ND	0.21		mg/Kg-dry	1	8/25/2017
Pyrene	ND	0.041		mg/Kg-dry	1	8/25/2017
Pyridine	ND	0.84		mg/Kg-dry	1	8/25/2017
1,2,4-Trichlorobenzene	ND	0.21		mg/Kg-dry	1	8/25/2017
2,4,5-Trichlorophenol	ND	0.21		mg/Kg-dry	1	8/25/2017
2,4,6-Trichlorophenol	ND	0.21		mg/Kg-dry	1	8/25/2017

Metals by ICP/MS SW6020 (SW3050B) Prep Date: 8/23/2017 Analyst: JG

Antimony	ND	2.2		mg/Kg-dry	10	8/24/2017
Arsenic	7.4	1.1		mg/Kg-dry	10	8/24/2017
Barium	130	1.1		mg/Kg-dry	10	8/24/2017
Beryllium	0.90	0.54		mg/Kg-dry	10	8/24/2017
Cadmium	ND	0.54		mg/Kg-dry	10	8/25/2017

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

STAT Analysis Corporation

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

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

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

Report Date: August 30, 2017

ANALYTICAL RESULTS

Print Date: August 30, 2017

Client: Huff & Huff, Inc.

Client Sample ID: 2597V-10-09 (0-4)

Work Order: 17080741 Revision 0

Tag Number:

Project: 81.0220509.08, 2597V-IL 53 at Hicks Road, Long

Collection Date: 8/21/2017 9:45:00 AM

Lab ID: 17080741-009B

Matrix: Soil

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

Metals by ICP/MS

SW6020 (SW3050B)

Prep Date: 8/23/2017

Analyst: JG

Calcium	53000	65		mg/Kg-dry	10	8/24/2017
Chromium	23	1.1		mg/Kg-dry	10	8/24/2017
Cobalt	13	1.1		mg/Kg-dry	10	8/24/2017
Copper	32	2.7		mg/Kg-dry	10	8/24/2017
Iron	26000	32		mg/Kg-dry	10	8/24/2017
Lead	19	0.54		mg/Kg-dry	10	8/24/2017
Magnesium	26000	32		mg/Kg-dry	10	8/24/2017
Manganese	580	1.1		mg/Kg-dry	10	8/24/2017
Nickel	35	1.1		mg/Kg-dry	10	8/24/2017
Potassium	1500	32		mg/Kg-dry	10	8/24/2017
Selenium	ND	1.1		mg/Kg-dry	10	8/24/2017
Silver	ND	1.1		mg/Kg-dry	10	8/24/2017
Sodium	1400	65		mg/Kg-dry	10	8/24/2017
Thallium	ND	1.1		mg/Kg-dry	10	8/24/2017
Vanadium	31	1.1		mg/Kg-dry	10	8/24/2017
Zinc	68	5.4		mg/Kg-dry	10	8/24/2017

SPLP Metals by ICP/MS

SW1312/6020 (SW3005A)

Prep Date: 8/24/2017

Analyst: JG

Arsenic	ND	0.0040		mg/L	2	8/26/2017
Barium	0.19	0.020		mg/L	2	8/26/2017
Beryllium	ND	0.0020		mg/L	2	8/26/2017
Cadmium	ND	0.0020		mg/L	2	8/26/2017
Chromium	0.0099	0.0040		mg/L	2	8/26/2017
Cobalt	ND	0.0040		mg/L	2	8/26/2017
Copper	ND	0.040		mg/L	2	8/26/2017
Iron	7.4	0.10		mg/L	2	8/26/2017
Lead	0.0041	0.0020		mg/L	2	8/26/2017
Manganese	0.025	0.0040		mg/L	2	8/26/2017
Nickel	0.0084	0.0040		mg/L	2	8/26/2017
Selenium	ND	0.0040		mg/L	2	8/26/2017
Silver	ND	0.0040		mg/L	2	8/26/2017
Zinc	0.039	0.020		mg/L	2	8/26/2017

TCLP Metals by ICP/MS

SW1311/6020 (SW3005A)

Prep Date: 8/28/2017

Analyst: JG

Arsenic	ND	0.010		mg/L	5	8/28/2017
Barium	0.81	0.050		mg/L	5	8/28/2017
Beryllium	ND	0.0050		mg/L	5	8/29/2017
Cadmium	ND	0.0050		mg/L	5	8/28/2017
Chromium	0.011	0.010		mg/L	5	8/28/2017

Qualifiers:

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

* - Non-accredited parameter

H - Holding time exceeded

STAT Analysis Corporation

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

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

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

Report Date: August 30, 2017

Print Date: August 30, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2597V-10-09 (0-4)

Work Order: 17080741 Revision 0

Tag Number:

Project: 81.0220509.08, 2597V-IL 53 at Hicks Road, Long

Collection Date: 8/21/2017 9:45:00 AM

Lab ID: 17080741-009B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
TCLP Metals by ICP/MS	SW1311/6020 (SW3005A)		Prep Date: 8/28/2017		Analyst: JG	
Cobalt	ND	0.010		mg/L	5	8/28/2017
Copper	ND	0.10		mg/L	5	8/28/2017
Iron	ND	0.25		mg/L	5	8/28/2017
Lead	ND	0.0050		mg/L	5	8/28/2017
Manganese	1.2	0.010		mg/L	5	8/28/2017
Nickel	ND	0.010		mg/L	5	8/28/2017
Selenium	ND	0.010		mg/L	5	8/28/2017
Silver	ND	0.010		mg/L	5	8/28/2017
Zinc	0.13	0.050		mg/L	5	8/28/2017
TCLP Mercury	SW1311/7470A		Prep Date: 8/25/2017		Analyst: LB	
Mercury	ND	0.00020		mg/L	1	8/25/2017
SPLP Mercury	SW1312/7470A		Prep Date: 8/24/2017		Analyst: LB	
Mercury	ND	0.00025		mg/L	1	8/25/2017
Mercury	SW7471A		Prep Date: 8/24/2017		Analyst: LB	
Mercury	0.027	0.020		mg/Kg-dry	1	8/25/2017
pH (25 °C)	SW9045C		Prep Date: 8/25/2017		Analyst: RW	
pH	7.82			pH Units	1	8/25/2017
Percent Moisture	D2974		Prep Date: 8/24/2017		Analyst: KKA	
Percent Moisture	21.5	0.2	*	wt%	1	8/25/2017

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

HT - Sample received past holding time

* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

H - Holding time exceeded



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

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

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

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

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

I. Source Location Information

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

Project Name: FAU 1261 / IL Route 53 at Old Hicks Road Office Phone Number, if available: _____

Physical Site Location (address, including number and street): 2597V-1(3490 Long Grove Rd);2597V-2(3400 block Hicks Rd); 2597V-3(3476 Hicks Rd);2597V-5(3464-3466 Hicks Rd); 2597V-7 (3401 Hicks Rd)

City: Long Grove State: IL Zip Code: 60049

County: Lake Township: T43N / Vernon

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

Latitude: 42.170149 Longitude: -88.018989
(Decimal Degrees) (-Decimal Degrees)

Identify how the lat/long data were determined:

- GPS Map Interpolation Photo Interpolation Survey Other

ISGS Public Land Survey System - Approximate Center of multiple addresses

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

II. Owner/Operator Information for Source Site

Site Owner

Site Operator

Name: Illinois Dept. of Transportation, District 1

Name: Illinois Dept. of Transportation, District 1

Street Address: 201 W Center Court

Street Address: 201 W Center Court

PO Box: _____

PO Box: _____

City: Schaumburg State: IL

City: Schaumburg State: IL

Zip Code: 60196 Phone: 847-705-4101

Zip Code: 60196 Phone: 847-705-4101

Contact: Sam Mead

Contact: Sam Mead

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

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

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

Project Name: FAU 1261 / IL Route 53 at Old Hicks RoadLatitude: 42.170149 Longitude: -88.018989

Uncontaminated Site Certification

III. Basis for Certification and Attachments

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

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

Refer to Figure 4-1.1 in the Final PSI Report and borings 2597V-1-02 (Sta 485+25 to 485+75); 2597V-1-04 (Sta 486+25 to 486+75); 2597V-2-03 (Sta 489+00 to 491+00); 2597V-3-01 (Sta 487+00 to 487+75); 2597V-5-02 (Sta 491 to 492); and 2597V-7-01 and 7-02 (Sta 494+75 to 496+50).

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

Refer to Tables 4-2 and 4-3 in the Final PSI Report for results summary and STAT Laboratory Report #17080682 and #17080741. Site specific table of results is attached to this form.

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

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

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

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

Printed Name:

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

September 22, 2017
Date:



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

LPC-663 Results Table for Sites 2597V-1-02, 1-04, 2-03, 3-01, 5-02, 7-01, and 7-02
Soils for Unrestricted Reuse or Disposal Including CCDD/USFO Facilities

Boring ID	2597V-1-02	2597V-1-04	2597V-2-03	2597V-3-01	2597V-5-02	2597V-7-01	2597V-7-02	Soil Reference Concentrations ^{a/}
Sample Depth, ft	0-4	0-4	0-4	0-4	0-4	0-4	0-4	
Sample Date	8/18/2017	8/18/2017	8/18/2017	8/18/2017	8/18/2017	8/18/2017	8/18/2017	
Excavation Area(s) [ISGS Site No.(s)]	2597V-1	2597V-1	2597V-2	2597V-3	2597V-5	2597V-7	2597V-7	
Parameter								
Laboratory soil pH (s.u.)	8.43	8.52	7.09	8.19	7.24	7.97	7.52	<6.25, >9.0
VOCs (mg/kg)	NO EXCEEDANCES							
SVOCS, mg/kg								
Benzo(a)pyrene	< 0.037	< 0.037	< 0.040	< 0.038	< 0.040	< 0.039	< 0.041	0.09 / 1.3 / 2.1
Total Metals, mg/kg								
Arsenic	11	11	6.6	10	10	9.0	9.0	11.3 / 13
Chromium	23	37	28	18	13	25	23	21
Cobalt	16	14	16	12	7.5	11	13	20
Iron	32000	31000	33000	24000	19000	21000	24000	15,000 / 15,900
Lead	26	140	21	20	15	210	95	107
Manganese	770	1200	260	550	1600	800	690	630 / 636
TCLP Metals, mg/L								Class I Groundwater ^{c/}
Cadmium	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	0.005
Lead	0.0083	< 0.0050	< 0.0050	< 0.0050	< 0.0050	0.0069	0.010	0.0075
Manganese	11	0.49	0.026	9.8	0.98	0.23	18	0.15
SPLP Metals, mg/L								
Iron	4.1	11	9.0	4.3	7.2	8.1	2.1	5
Lead	0.0033	0.010	0.0037	0.0021	0.0039	0.014	0.0025	0.0075
Manganese	0.020	0.059	0.018	0.021	0.074	0.11	0.020	0.15

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

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

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

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.

^{c/} Soil Remediation Objective for the Groundwater Component of the Groundwat

■ 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

Report Date: August 30, 2017

ANALYTICAL RESULTS

Print Date: August 30, 2017

Client: Huff & Huff, Inc.

Client Sample ID: 2597V-1-02 (0-4)

Work Order: 17080682 Revision 0

Tag Number:

Project: 81.0220509.08, 2597V-IL 53 at Hick Road, Long Gr Collection Date: 8/18/2017 11:39:00 AM

Lab ID: 17080682-003A

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS	SW5035/8260B					Prep Date: 8/22/2017 Analyst: ERP
Acetone	ND	0.066		mg/Kg-dry	1	8/23/2017
Benzene	ND	0.0044		mg/Kg-dry	1	8/23/2017
Bromodichloromethane	ND	0.0044		mg/Kg-dry	1	8/23/2017
Bromoform	ND	0.0044		mg/Kg-dry	1	8/23/2017
Bromomethane	ND	0.0089		mg/Kg-dry	1	8/23/2017
2-Butanone	ND	0.066		mg/Kg-dry	1	8/23/2017
Carbon disulfide	ND	0.044		mg/Kg-dry	1	8/23/2017
Carbon tetrachloride	ND	0.0044		mg/Kg-dry	1	8/23/2017
Chlorobenzene	ND	0.0044		mg/Kg-dry	1	8/23/2017
Chloroethane	ND	0.0089		mg/Kg-dry	1	8/23/2017
Chloroform	ND	0.0044		mg/Kg-dry	1	8/23/2017
Chloromethane	ND	0.0089		mg/Kg-dry	1	8/23/2017
Dibromochloromethane	ND	0.0044		mg/Kg-dry	1	8/23/2017
1,1-Dichloroethane	ND	0.0044		mg/Kg-dry	1	8/23/2017
1,2-Dichloroethane	ND	0.0044		mg/Kg-dry	1	8/23/2017
1,1-Dichloroethene	ND	0.0044		mg/Kg-dry	1	8/23/2017
cis-1,2-Dichloroethene	ND	0.0044		mg/Kg-dry	1	8/23/2017
trans-1,2-Dichloroethene	ND	0.0044		mg/Kg-dry	1	8/23/2017
1,2-Dichloropropane	ND	0.0044		mg/Kg-dry	1	8/23/2017
cis-1,3-Dichloropropene	ND	0.0018		mg/Kg-dry	1	8/23/2017
trans-1,3-Dichloropropene	ND	0.0018		mg/Kg-dry	1	8/23/2017
Ethylbenzene	ND	0.0044		mg/Kg-dry	1	8/23/2017
2-Hexanone	ND	0.018		mg/Kg-dry	1	8/23/2017
4-Methyl-2-pentanone	ND	0.018		mg/Kg-dry	1	8/23/2017
Methylene chloride	ND	0.0089		mg/Kg-dry	1	8/23/2017
Methyl tert-butyl ether	ND	0.0044		mg/Kg-dry	1	8/23/2017
Styrene	ND	0.0044		mg/Kg-dry	1	8/23/2017
1,1,2,2-Tetrachloroethane	ND	0.0044		mg/Kg-dry	1	8/23/2017
Tetrachloroethene	ND	0.0044		mg/Kg-dry	1	8/23/2017
Toluene	ND	0.0044		mg/Kg-dry	1	8/23/2017
1,1,1-Trichloroethane	ND	0.0044		mg/Kg-dry	1	8/23/2017
1,1,2-Trichloroethane	ND	0.0044		mg/Kg-dry	1	8/23/2017
Trichloroethene	ND	0.0044		mg/Kg-dry	1	8/23/2017
Vinyl chloride	ND	0.0044		mg/Kg-dry	1	8/23/2017
Xylenes, Total	ND	0.013		mg/Kg-dry	1	8/23/2017

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

STAT Analysis Corporation

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

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

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

Report Date: August 30, 2017

ANALYTICAL RESULTS

Print Date: August 30, 2017

Client: Huff & Huff, Inc.

Client Sample ID: 2597V-1-02 (0-4)

Work Order: 17080682 Revision 0

Tag Number:

Project: 81.0220509.08, 2597V-IL 53 at Hick Road, Long Gr Collection Date: 8/18/2017 11:39:00 AM

Lab ID: 17080682-003B

Matrix: Soil

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

Semivolatile Organic Compounds by GC/MS	SW8270C (SW3550B)					Prep Date: 8/24/2017 Analyst: DM
Acenaphthene	ND	0.037		mg/Kg-dry	1	8/24/2017
Acenaphthylene	ND	0.037		mg/Kg-dry	1	8/24/2017
Aniline	ND	0.37		mg/Kg-dry	1	8/24/2017
Anthracene	ND	0.037		mg/Kg-dry	1	8/24/2017
Benz(a)anthracene	ND	0.037		mg/Kg-dry	1	8/24/2017
Benzidine	ND	0.37		mg/Kg-dry	1	8/24/2017
Benzo(a)pyrene	ND	0.037		mg/Kg-dry	1	8/24/2017
Benzo(b)fluoranthene	ND	0.037		mg/Kg-dry	1	8/24/2017
Benzo(g,h,i)perylene	ND	0.037		mg/Kg-dry	1	8/24/2017
Benzo(k)fluoranthene	ND	0.037		mg/Kg-dry	1	8/24/2017
Benzoic acid	ND	0.93		mg/Kg-dry	1	8/24/2017
Benzyl alcohol	ND	0.19		mg/Kg-dry	1	8/24/2017
Bis(2-chloroethoxy)methane	ND	0.19		mg/Kg-dry	1	8/24/2017
Bis(2-chloroethyl)ether	ND	0.19		mg/Kg-dry	1	8/24/2017
Bis(2-ethylhexyl)phthalate	ND	0.93		mg/Kg-dry	1	8/24/2017
4-Bromophenyl phenyl ether	ND	0.19		mg/Kg-dry	1	8/24/2017
Butyl benzyl phthalate	ND	0.19		mg/Kg-dry	1	8/24/2017
Carbazole	ND	0.19		mg/Kg-dry	1	8/24/2017
4-Chloroaniline	ND	0.19		mg/Kg-dry	1	8/24/2017
4-Chloro-3-methylphenol	ND	0.37		mg/Kg-dry	1	8/24/2017
2-Chloronaphthalene	ND	0.19		mg/Kg-dry	1	8/24/2017
2-Chlorophenol	ND	0.19		mg/Kg-dry	1	8/24/2017
4-Chlorophenyl phenyl ether	ND	0.19		mg/Kg-dry	1	8/24/2017
Chrysene	ND	0.037		mg/Kg-dry	1	8/24/2017
Dibenz(a,h)anthracene	ND	0.037		mg/Kg-dry	1	8/24/2017
Dibenzofuran	ND	0.19		mg/Kg-dry	1	8/24/2017
1,2-Dichlorobenzene	ND	0.19		mg/Kg-dry	1	8/24/2017
1,3-Dichlorobenzene	ND	0.19		mg/Kg-dry	1	8/24/2017
1,4-Dichlorobenzene	ND	0.19		mg/Kg-dry	1	8/24/2017
3,3'-Dichlorobenzidine	ND	0.19		mg/Kg-dry	1	8/24/2017
2,4-Dichlorophenol	ND	0.19		mg/Kg-dry	1	8/24/2017
Diethyl phthalate	ND	0.19		mg/Kg-dry	1	8/24/2017
2,4-Dimethylphenol	ND	0.19		mg/Kg-dry	1	8/24/2017
Dimethyl phthalate	ND	0.19		mg/Kg-dry	1	8/24/2017
4,6-Dinitro-2-methylphenol	ND	0.37		mg/Kg-dry	1	8/24/2017
2,4-Dinitrophenol	ND	0.93		mg/Kg-dry	1	8/24/2017
2,4-Dinitrotoluene	ND	0.037		mg/Kg-dry	1	8/24/2017
2,6-Dinitrotoluene	ND	0.037		mg/Kg-dry	1	8/24/2017

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

STAT Analysis Corporation

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

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

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

Report Date: August 30, 2017

ANALYTICAL RESULTS

Print Date: August 30, 2017

Client: Huff & Huff, Inc.

Client Sample ID: 2597V-1-02 (0-4)

Work Order: 17080682 Revision 0

Tag Number:

Project: 81.0220509.08, 2597V-IL 53 at Hick Road, Long Gr Collection Date: 8/18/2017 11:39:00 AM

Lab ID: 17080682-003B

Matrix: Soil

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

Semivolatile Organic Compounds by GC/MS	SW8270C (SW3550B)	Prep Date: 8/24/2017	Analyst: DM
---	-------------------	----------------------	-------------

Di-n-butyl phthalate	ND	0.19	mg/Kg-dry	1	8/24/2017
Di-n-octyl phthalate	ND	0.19	mg/Kg-dry	1	8/24/2017
Fluoranthene	ND	0.037	mg/Kg-dry	1	8/24/2017
Fluorene	ND	0.037	mg/Kg-dry	1	8/24/2017
Hexachlorobenzene	ND	0.19	mg/Kg-dry	1	8/24/2017
Hexachlorobutadiene	ND	0.19	mg/Kg-dry	1	8/24/2017
Hexachlorocyclopentadiene	ND	0.19	mg/Kg-dry	1	8/24/2017
Hexachloroethane	ND	0.19	mg/Kg-dry	1	8/24/2017
Indeno(1,2,3-cd)pyrene	ND	0.037	mg/Kg-dry	1	8/24/2017
Isophorone	ND	0.19	mg/Kg-dry	1	8/24/2017
2-Methylnaphthalene	ND	0.19	mg/Kg-dry	1	8/24/2017
2-Methylphenol	ND	0.19	mg/Kg-dry	1	8/24/2017
4-Methylphenol	ND	0.19	mg/Kg-dry	1	8/24/2017
Naphthalene	ND	0.037	mg/Kg-dry	1	8/24/2017
2-Nitroaniline	ND	0.19	mg/Kg-dry	1	8/24/2017
3-Nitroaniline	ND	0.19	mg/Kg-dry	1	8/24/2017
4-Nitroaniline	ND	0.19	mg/Kg-dry	1	8/24/2017
2-Nitrophenol	ND	0.19	mg/Kg-dry	1	8/24/2017
4-Nitrophenol	ND	0.37	mg/Kg-dry	1	8/24/2017
Nitrobenzene	ND	0.037	mg/Kg-dry	1	8/24/2017
N-Nitrosodi-n-propylamine	ND	0.037	mg/Kg-dry	1	8/24/2017
N-Nitrosodimethylamine	ND	0.19	mg/Kg-dry	1	8/24/2017
N-Nitrosodiphenylamine	ND	0.19	mg/Kg-dry	1	8/24/2017
2, 2'-oxybis(1-Chloropropane)	ND	0.19	mg/Kg-dry	1	8/24/2017
Pentachlorophenol	ND	0.075	mg/Kg-dry	1	8/24/2017
Phenanthrene	ND	0.037	mg/Kg-dry	1	8/24/2017
Phenol	ND	0.19	mg/Kg-dry	1	8/24/2017
Pyrene	ND	0.037	mg/Kg-dry	1	8/24/2017
Pyridine	ND	0.75	mg/Kg-dry	1	8/24/2017
1,2,4-Trichlorobenzene	ND	0.19	mg/Kg-dry	1	8/24/2017
2,4,5-Trichlorophenol	ND	0.19	mg/Kg-dry	1	8/24/2017
2,4,6-Trichlorophenol	ND	0.19	mg/Kg-dry	1	8/24/2017

Metals by ICP/MS	SW6020 (SW3050B)	Prep Date: 8/23/2017	Analyst: JG
------------------	------------------	----------------------	-------------

Antimony	ND	2.1	mg/Kg-dry	10	8/23/2017
Arsenic	11	1.0	mg/Kg-dry	10	8/23/2017
Barium	68	1.0	mg/Kg-dry	10	8/23/2017
Beryllium	0.80	0.52	mg/Kg-dry	10	8/23/2017
Cadmium	ND	0.52	mg/Kg-dry	10	8/23/2017

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

STAT Analysis Corporation

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

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

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

Report Date: August 30, 2017

ANALYTICAL RESULTS

Print Date: August 30, 2017

Client: Huff & Huff, Inc.

Client Sample ID: 2597V-1-02 (0-4)

Work Order: 17080682 Revision 0

Tag Number:

Project: 81.0220509.08, 2597V-IL 53 at Hick Road, Long Gr Collection Date: 8/18/2017 11:39:00 AM

Lab ID: 17080682-003B

Matrix: Soil

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

Metals by ICP/MS

SW6020 (SW3050B)

Prep Date: 8/23/2017

Analyst: JG

Calcium	67000	62		mg/Kg-dry	10	8/23/2017
Chromium	23	1.0		mg/Kg-dry	10	8/23/2017
Cobalt	16	1.0		mg/Kg-dry	10	8/23/2017
Copper	34	2.6		mg/Kg-dry	10	8/23/2017
Iron	32000	31		mg/Kg-dry	10	8/23/2017
Lead	26	0.52		mg/Kg-dry	10	8/23/2017
Magnesium	39000	31		mg/Kg-dry	10	8/23/2017
Manganese	770	1.0		mg/Kg-dry	10	8/23/2017
Nickel	38	1.0		mg/Kg-dry	10	8/23/2017
Potassium	2400	31		mg/Kg-dry	10	8/23/2017
Selenium	ND	1.0		mg/Kg-dry	10	8/23/2017
Silver	ND	1.0		mg/Kg-dry	10	8/23/2017
Sodium	790	62		mg/Kg-dry	10	8/23/2017
Thallium	ND	1.0		mg/Kg-dry	10	8/23/2017
Vanadium	27	1.0		mg/Kg-dry	10	8/23/2017
Zinc	76	5.2		mg/Kg-dry	10	8/23/2017

SPLP Metals by ICP/MS

SW1312/6020 (SW3005A)

Prep Date: 8/22/2017

Analyst: JG

Arsenic	ND	0.0040		mg/L	2	8/23/2017
Barium	ND	0.020		mg/L	2	8/23/2017
Beryllium	ND	0.0020		mg/L	2	8/23/2017
Cadmium	ND	0.0020		mg/L	2	8/23/2017
Chromium	0.0054	0.0040		mg/L	2	8/23/2017
Cobalt	ND	0.0040		mg/L	2	8/23/2017
Copper	ND	0.040		mg/L	2	8/23/2017
Iron	4.1	0.10		mg/L	2	8/23/2017
Lead	0.0033	0.0020		mg/L	2	8/23/2017
Manganese	0.020	0.0040		mg/L	2	8/23/2017
Nickel	ND	0.0040		mg/L	2	8/23/2017
Selenium	ND	0.0040		mg/L	2	8/23/2017
Silver	ND	0.0040		mg/L	2	8/23/2017
Zinc	ND	0.020		mg/L	2	8/23/2017

TCLP Metals by ICP/MS

SW1311/6020 (SW3005A)

Prep Date: 8/24/2017

Analyst: JG

Arsenic	ND	0.010		mg/L	5	8/24/2017
Barium	0.47	0.050		mg/L	5	8/24/2017
Beryllium	ND	0.0050		mg/L	5	8/24/2017
Cadmium	ND	0.0050		mg/L	5	8/25/2017
Chromium	ND	0.010		mg/L	5	8/24/2017

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

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

STAT Analysis Corporation

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

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

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

Report Date: August 30, 2017

ANALYTICAL RESULTS

Print Date: August 30, 2017

Client: Huff & Huff, Inc.

Client Sample ID: 2597V-1-02 (0-4)

Work Order: 17080682 Revision 0

Tag Number:

Project: 81.0220509.08, 2597V-IL 53 at Hick Road, Long Gr Collection Date: 8/18/2017 11:39:00 AM

Lab ID: 17080682-003B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
TCLP Metals by ICP/MS	SW1311/6020 (SW3005A)		Prep Date: 8/24/2017		Analyst: JG	
Cobalt	0.036	0.010		mg/L	5	8/24/2017
Copper	ND	0.10		mg/L	5	8/24/2017
Iron	0.41	0.25		mg/L	5	8/24/2017
Lead	0.0083	0.0050		mg/L	5	8/24/2017
Manganese	11	0.010		mg/L	5	8/24/2017
Nickel	0.035	0.010		mg/L	5	8/24/2017
Selenium	ND	0.010		mg/L	5	8/24/2017
Silver	ND	0.010		mg/L	5	8/24/2017
Zinc	0.053	0.050		mg/L	5	8/24/2017
TCLP Mercury	SW1311/7470A		Prep Date: 8/23/2017		Analyst: LB	
Mercury	ND	0.00020		mg/L	1	8/24/2017
SPLP Mercury	SW1312/7470A		Prep Date: 8/22/2017		Analyst: LB	
Mercury	ND	0.00020		mg/L	1	8/23/2017
Mercury	SW7471A		Prep Date: 8/22/2017		Analyst: LB	
Mercury	0.025	0.020		mg/Kg-dry	1	8/22/2017
pH (25 °C)	SW9045C		Prep Date: 8/24/2017		Analyst: RW	
pH	8.43			pH Units	1	8/24/2017
Percent Moisture	D2974		Prep Date: 8/21/2017		Analyst: KKA	
Percent Moisture	11.8	0.2	*	wt%	1	8/22/2017

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

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

STAT Analysis Corporation

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

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

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

Report Date: August 30, 2017

ANALYTICAL RESULTS

Print Date: August 30, 2017

Client: Huff & Huff, Inc.

Client Sample ID: 2597V-1-04 (0-4)

Work Order: 17080682 Revision 0

Tag Number:

Project: 81.0220509.08, 2597V-IL 53 at Hick Road, Long Gr Collection Date: 8/18/2017 11:29:00 AM

Lab ID: 17080682-005A

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS	SW5035/8260B					Prep Date: 8/22/2017 Analyst: ERP
Acetone	ND	0.083		mg/Kg-dry	1	8/23/2017
Benzene	ND	0.0055		mg/Kg-dry	1	8/23/2017
Bromodichloromethane	ND	0.0055		mg/Kg-dry	1	8/23/2017
Bromoform	ND	0.0055		mg/Kg-dry	1	8/23/2017
Bromomethane	ND	0.011		mg/Kg-dry	1	8/23/2017
2-Butanone	ND	0.083		mg/Kg-dry	1	8/23/2017
Carbon disulfide	ND	0.055		mg/Kg-dry	1	8/23/2017
Carbon tetrachloride	ND	0.0055		mg/Kg-dry	1	8/23/2017
Chlorobenzene	ND	0.0055		mg/Kg-dry	1	8/23/2017
Chloroethane	ND	0.011		mg/Kg-dry	1	8/23/2017
Chloroform	ND	0.0055		mg/Kg-dry	1	8/23/2017
Chloromethane	ND	0.011		mg/Kg-dry	1	8/23/2017
Dibromochloromethane	ND	0.0055		mg/Kg-dry	1	8/23/2017
1,1-Dichloroethane	ND	0.0055		mg/Kg-dry	1	8/23/2017
1,2-Dichloroethane	ND	0.0055		mg/Kg-dry	1	8/23/2017
1,1-Dichloroethene	ND	0.0055		mg/Kg-dry	1	8/23/2017
cis-1,2-Dichloroethene	ND	0.0055		mg/Kg-dry	1	8/23/2017
trans-1,2-Dichloroethene	ND	0.0055		mg/Kg-dry	1	8/23/2017
1,2-Dichloropropane	ND	0.0055		mg/Kg-dry	1	8/23/2017
cis-1,3-Dichloropropene	ND	0.0022		mg/Kg-dry	1	8/23/2017
trans-1,3-Dichloropropene	ND	0.0022		mg/Kg-dry	1	8/23/2017
Ethylbenzene	ND	0.0055		mg/Kg-dry	1	8/23/2017
2-Hexanone	ND	0.022		mg/Kg-dry	1	8/23/2017
4-Methyl-2-pentanone	ND	0.022		mg/Kg-dry	1	8/23/2017
Methylene chloride	ND	0.011		mg/Kg-dry	1	8/23/2017
Methyl tert-butyl ether	ND	0.0055		mg/Kg-dry	1	8/23/2017
Styrene	ND	0.0055		mg/Kg-dry	1	8/23/2017
1,1,2,2-Tetrachloroethane	ND	0.0055		mg/Kg-dry	1	8/23/2017
Tetrachloroethene	ND	0.0055		mg/Kg-dry	1	8/23/2017
Toluene	ND	0.0055		mg/Kg-dry	1	8/23/2017
1,1,1-Trichloroethane	ND	0.0055		mg/Kg-dry	1	8/23/2017
1,1,2-Trichloroethane	ND	0.0055		mg/Kg-dry	1	8/23/2017
Trichloroethene	ND	0.0055		mg/Kg-dry	1	8/23/2017
Vinyl chloride	ND	0.0055		mg/Kg-dry	1	8/23/2017
Xylenes, Total	ND	0.017		mg/Kg-dry	1	8/23/2017

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

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

STAT Analysis Corporation

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

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

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

Report Date: August 30, 2017

ANALYTICAL RESULTS

Print Date: August 30, 2017

Client: Huff & Huff, Inc.

Client Sample ID: 2597V-1-04 (0-4)

Work Order: 17080682 Revision 0

Tag Number:

Project: 81.0220509.08, 2597V-IL 53 at Hick Road, Long Gr Collection Date: 8/18/2017 11:29:00 AM

Lab ID: 17080682-005B

Matrix: Soil

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

Semivolatile Organic Compounds by GC/MS	SW8270C (SW3550B)					Prep Date: 8/24/2017 Analyst: DM
Acenaphthene	ND	0.037		mg/Kg-dry	1	8/24/2017
Acenaphthylene	ND	0.037		mg/Kg-dry	1	8/24/2017
Aniline	ND	0.37		mg/Kg-dry	1	8/24/2017
Anthracene	ND	0.037		mg/Kg-dry	1	8/24/2017
Benz(a)anthracene	ND	0.037		mg/Kg-dry	1	8/24/2017
Benzidine	ND	0.37		mg/Kg-dry	1	8/24/2017
Benzo(a)pyrene	ND	0.037		mg/Kg-dry	1	8/24/2017
Benzo(b)fluoranthene	0.038	0.037		mg/Kg-dry	1	8/24/2017
Benzo(g,h,i)perylene	ND	0.037		mg/Kg-dry	1	8/24/2017
Benzo(k)fluoranthene	ND	0.037		mg/Kg-dry	1	8/24/2017
Benzoic acid	ND	0.92		mg/Kg-dry	1	8/24/2017
Benzyl alcohol	ND	0.19		mg/Kg-dry	1	8/24/2017
Bis(2-chloroethoxy)methane	ND	0.19		mg/Kg-dry	1	8/24/2017
Bis(2-chloroethyl)ether	ND	0.19		mg/Kg-dry	1	8/24/2017
Bis(2-ethylhexyl)phthalate	ND	0.92		mg/Kg-dry	1	8/24/2017
4-Bromophenyl phenyl ether	ND	0.19		mg/Kg-dry	1	8/24/2017
Butyl benzyl phthalate	ND	0.19		mg/Kg-dry	1	8/24/2017
Carbazole	ND	0.19		mg/Kg-dry	1	8/24/2017
4-Chloroaniline	ND	0.19		mg/Kg-dry	1	8/24/2017
4-Chloro-3-methylphenol	ND	0.37		mg/Kg-dry	1	8/24/2017
2-Chloronaphthalene	ND	0.19		mg/Kg-dry	1	8/24/2017
2-Chlorophenol	ND	0.19		mg/Kg-dry	1	8/24/2017
4-Chlorophenyl phenyl ether	ND	0.19		mg/Kg-dry	1	8/24/2017
Chrysene	0.040	0.037		mg/Kg-dry	1	8/24/2017
Dibenz(a,h)anthracene	ND	0.037		mg/Kg-dry	1	8/24/2017
Dibenzofuran	ND	0.19		mg/Kg-dry	1	8/24/2017
1,2-Dichlorobenzene	ND	0.19		mg/Kg-dry	1	8/24/2017
1,3-Dichlorobenzene	ND	0.19		mg/Kg-dry	1	8/24/2017
1,4-Dichlorobenzene	ND	0.19		mg/Kg-dry	1	8/24/2017
3,3'-Dichlorobenzidine	ND	0.19		mg/Kg-dry	1	8/24/2017
2,4-Dichlorophenol	ND	0.19		mg/Kg-dry	1	8/24/2017
Diethyl phthalate	ND	0.19		mg/Kg-dry	1	8/24/2017
2,4-Dimethylphenol	ND	0.19		mg/Kg-dry	1	8/24/2017
Dimethyl phthalate	ND	0.19		mg/Kg-dry	1	8/24/2017
4,6-Dinitro-2-methylphenol	ND	0.37		mg/Kg-dry	1	8/24/2017
2,4-Dinitrophenol	ND	0.92		mg/Kg-dry	1	8/24/2017
2,4-Dinitrotoluene	ND	0.037		mg/Kg-dry	1	8/24/2017
2,6-Dinitrotoluene	ND	0.037		mg/Kg-dry	1	8/24/2017

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

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

STAT Analysis Corporation

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

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

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

Report Date: August 30, 2017

ANALYTICAL RESULTS

Print Date: August 30, 2017

Client: Huff & Huff, Inc.

Client Sample ID: 2597V-1-04 (0-4)

Work Order: 17080682 Revision 0

Tag Number:

Project: 81.0220509.08, 2597V-IL 53 at Hick Road, Long Gr Collection Date: 8/18/2017 11:29:00 AM

Lab ID: 17080682-005B

Matrix: Soil

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

Semivolatile Organic Compounds by GC/MS SW8270C (SW3550B) Prep Date: 8/24/2017 Analyst: DM

Di-n-butyl phthalate	ND	0.19		mg/Kg-dry	1	8/24/2017
Di-n-octyl phthalate	ND	0.19		mg/Kg-dry	1	8/24/2017
Fluoranthene	0.066	0.037		mg/Kg-dry	1	8/24/2017
Fluorene	ND	0.037		mg/Kg-dry	1	8/24/2017
Hexachlorobenzene	ND	0.19		mg/Kg-dry	1	8/24/2017
Hexachlorobutadiene	ND	0.19		mg/Kg-dry	1	8/24/2017
Hexachlorocyclopentadiene	ND	0.19		mg/Kg-dry	1	8/24/2017
Hexachloroethane	ND	0.19		mg/Kg-dry	1	8/24/2017
Indeno(1,2,3-cd)pyrene	ND	0.037		mg/Kg-dry	1	8/24/2017
Isophorone	ND	0.19		mg/Kg-dry	1	8/24/2017
2-Methylnaphthalene	ND	0.19		mg/Kg-dry	1	8/24/2017
2-Methylphenol	ND	0.19		mg/Kg-dry	1	8/24/2017
4-Methylphenol	ND	0.19		mg/Kg-dry	1	8/24/2017
Naphthalene	ND	0.037		mg/Kg-dry	1	8/24/2017
2-Nitroaniline	ND	0.19		mg/Kg-dry	1	8/24/2017
3-Nitroaniline	ND	0.19		mg/Kg-dry	1	8/24/2017
4-Nitroaniline	ND	0.19		mg/Kg-dry	1	8/24/2017
2-Nitrophenol	ND	0.19		mg/Kg-dry	1	8/24/2017
4-Nitrophenol	ND	0.37		mg/Kg-dry	1	8/24/2017
Nitrobenzene	ND	0.037		mg/Kg-dry	1	8/24/2017
N-Nitrosodi-n-propylamine	ND	0.037		mg/Kg-dry	1	8/24/2017
N-Nitrosodimethylamine	ND	0.19		mg/Kg-dry	1	8/24/2017
N-Nitrosodiphenylamine	ND	0.19		mg/Kg-dry	1	8/24/2017
2, 2'-oxybis(1-Chloropropane)	ND	0.19		mg/Kg-dry	1	8/24/2017
Pentachlorophenol	ND	0.074		mg/Kg-dry	1	8/24/2017
Phenanthrene	ND	0.037		mg/Kg-dry	1	8/24/2017
Phenol	ND	0.19		mg/Kg-dry	1	8/24/2017
Pyrene	0.055	0.037		mg/Kg-dry	1	8/24/2017
Pyridine	ND	0.74		mg/Kg-dry	1	8/24/2017
1,2,4-Trichlorobenzene	ND	0.19		mg/Kg-dry	1	8/24/2017
2,4,5-Trichlorophenol	ND	0.19		mg/Kg-dry	1	8/24/2017
2,4,6-Trichlorophenol	ND	0.19		mg/Kg-dry	1	8/24/2017

Metals by ICP/MS SW6020 (SW3050B) Prep Date: 8/23/2017 Analyst: JG

Antimony	ND	1.9		mg/Kg-dry	10	8/23/2017
Arsenic	11	0.94		mg/Kg-dry	10	8/23/2017
Barium	80	0.94		mg/Kg-dry	10	8/23/2017
Beryllium	0.67	0.47		mg/Kg-dry	10	8/23/2017
Cadmium	0.51	0.47		mg/Kg-dry	10	8/23/2017

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

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

STAT Analysis Corporation

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

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

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

Report Date: August 30, 2017

ANALYTICAL RESULTS

Print Date: August 30, 2017

Client: Huff & Huff, Inc.

Client Sample ID: 2597V-1-04 (0-4)

Work Order: 17080682 Revision 0

Tag Number:

Project: 81.0220509.08, 2597V-IL 53 at Hick Road, Long Gr Collection Date: 8/18/2017 11:29:00 AM

Lab ID: 17080682-005B

Matrix: Soil

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

Metals by ICP/MS

SW6020 (SW3050B)

Prep Date: 8/23/2017

Analyst: JG

Calcium	76000	57		mg/Kg-dry	10	8/23/2017
Chromium	37	0.94		mg/Kg-dry	10	8/23/2017
Cobalt	14	0.94		mg/Kg-dry	10	8/23/2017
Copper	44	2.4		mg/Kg-dry	10	8/23/2017
Iron	31000	28		mg/Kg-dry	10	8/23/2017
Lead	140	0.47		mg/Kg-dry	10	8/23/2017
Magnesium	42000	28		mg/Kg-dry	10	8/23/2017
Manganese	1200	0.94		mg/Kg-dry	10	8/23/2017
Nickel	32	0.94		mg/Kg-dry	10	8/23/2017
Potassium	1900	28		mg/Kg-dry	10	8/23/2017
Selenium	ND	0.94		mg/Kg-dry	10	8/23/2017
Silver	ND	0.94		mg/Kg-dry	10	8/23/2017
Sodium	540	57		mg/Kg-dry	10	8/23/2017
Thallium	ND	0.94		mg/Kg-dry	10	8/23/2017
Vanadium	34	0.94		mg/Kg-dry	10	8/23/2017
Zinc	140	4.7		mg/Kg-dry	10	8/23/2017

SPLP Metals by ICP/MS

SW1312/6020 (SW3005A)

Prep Date: 8/22/2017

Analyst: JG

Arsenic	0.0054	0.0040		mg/L	2	8/23/2017
Barium	0.028	0.020		mg/L	2	8/23/2017
Beryllium	ND	0.0020		mg/L	2	8/23/2017
Cadmium	ND	0.0020		mg/L	2	8/23/2017
Chromium	0.011	0.0040		mg/L	2	8/23/2017
Cobalt	ND	0.0040		mg/L	2	8/23/2017
Copper	ND	0.040		mg/L	2	8/23/2017
Iron	11	0.10		mg/L	2	8/23/2017
Lead	0.010	0.0020		mg/L	2	8/23/2017
Manganese	0.059	0.0040		mg/L	2	8/23/2017
Nickel	0.010	0.0040		mg/L	2	8/23/2017
Selenium	ND	0.0040		mg/L	2	8/23/2017
Silver	ND	0.0040		mg/L	2	8/23/2017
Zinc	0.040	0.020		mg/L	2	8/23/2017

TCLP Metals by ICP/MS

SW1311/6020 (SW3005A)

Prep Date: 8/24/2017

Analyst: JG

Arsenic	ND	0.010		mg/L	5	8/24/2017
Barium	0.30	0.050		mg/L	5	8/24/2017
Beryllium	ND	0.0050		mg/L	5	8/24/2017
Cadmium	ND	0.0050		mg/L	5	8/25/2017
Chromium	ND	0.010		mg/L	5	8/24/2017

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

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

STAT Analysis Corporation

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

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

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

Report Date: August 30, 2017

ANALYTICAL RESULTS

Print Date: August 30, 2017

Client: Huff & Huff, Inc.

Client Sample ID: 2597V-1-04 (0-4)

Work Order: 17080682 Revision 0

Tag Number:

Project: 81.0220509.08, 2597V-IL 53 at Hick Road, Long Gr Collection Date: 8/18/2017 11:29:00 AM

Lab ID: 17080682-005B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
TCLP Metals by ICP/MS	SW1311/6020 (SW3005A)		Prep Date: 8/24/2017		Analyst: JG	
Cobalt	ND	0.010		mg/L	5	8/24/2017
Copper	ND	0.10		mg/L	5	8/24/2017
Iron	ND	0.25		mg/L	5	8/24/2017
Lead	ND	0.0050		mg/L	5	8/24/2017
Manganese	0.49	0.010		mg/L	5	8/24/2017
Nickel	ND	0.010		mg/L	5	8/24/2017
Selenium	ND	0.010		mg/L	5	8/24/2017
Silver	ND	0.010		mg/L	5	8/24/2017
Zinc	0.054	0.050		mg/L	5	8/24/2017
TCLP Mercury	SW1311/7470A		Prep Date: 8/23/2017		Analyst: LB	
Mercury	ND	0.00020		mg/L	1	8/24/2017
SPLP Mercury	SW1312/7470A		Prep Date: 8/22/2017		Analyst: LB	
Mercury	ND	0.00020		mg/L	1	8/23/2017
Mercury	SW7471A		Prep Date: 8/22/2017		Analyst: LB	
Mercury	0.026	0.018		mg/Kg-dry	1	8/22/2017
pH (25 °C)	SW9045C		Prep Date: 8/24/2017		Analyst: RW	
pH	8.52			pH Units	1	8/24/2017
Percent Moisture	D2974		Prep Date: 8/21/2017		Analyst: KKA	
Percent Moisture	10.7	0.2	*	wt%	1	8/22/2017

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

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

STAT Analysis Corporation

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

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

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

Report Date: August 30, 2017

ANALYTICAL RESULTS

Print Date: August 30, 2017

Client: Huff & Huff, Inc.

Client Sample ID: 2597V-2-03 (0-4)

Work Order: 17080682 Revision 0

Tag Number:

Project: 81.0220509.08, 2597V-IL 53 at Hick Road, Long Gr Collection Date: 8/18/2017 9:34:00 AM

Lab ID: 17080682-008A

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS	SW5035/8260B				Prep Date: 8/22/2017	Analyst: ERP
Acetone	ND	0.072		mg/Kg-dry	1	8/23/2017
Benzene	ND	0.0048		mg/Kg-dry	1	8/23/2017
Bromodichloromethane	ND	0.0048		mg/Kg-dry	1	8/23/2017
Bromoform	ND	0.0048		mg/Kg-dry	1	8/23/2017
Bromomethane	ND	0.0096		mg/Kg-dry	1	8/23/2017
2-Butanone	ND	0.072		mg/Kg-dry	1	8/23/2017
Carbon disulfide	ND	0.048		mg/Kg-dry	1	8/23/2017
Carbon tetrachloride	ND	0.0048		mg/Kg-dry	1	8/23/2017
Chlorobenzene	ND	0.0048		mg/Kg-dry	1	8/23/2017
Chloroethane	ND	0.0096		mg/Kg-dry	1	8/23/2017
Chloroform	ND	0.0048		mg/Kg-dry	1	8/23/2017
Chloromethane	ND	0.0096		mg/Kg-dry	1	8/23/2017
Dibromochloromethane	ND	0.0048		mg/Kg-dry	1	8/23/2017
1,1-Dichloroethane	ND	0.0048		mg/Kg-dry	1	8/23/2017
1,2-Dichloroethane	ND	0.0048		mg/Kg-dry	1	8/23/2017
1,1-Dichloroethene	ND	0.0048		mg/Kg-dry	1	8/23/2017
cis-1,2-Dichloroethene	ND	0.0048		mg/Kg-dry	1	8/23/2017
trans-1,2-Dichloroethene	ND	0.0048		mg/Kg-dry	1	8/23/2017
1,2-Dichloropropane	ND	0.0048		mg/Kg-dry	1	8/23/2017
cis-1,3-Dichloropropene	ND	0.0019		mg/Kg-dry	1	8/23/2017
trans-1,3-Dichloropropene	ND	0.0019		mg/Kg-dry	1	8/23/2017
Ethylbenzene	ND	0.0048		mg/Kg-dry	1	8/23/2017
2-Hexanone	ND	0.019		mg/Kg-dry	1	8/23/2017
4-Methyl-2-pentanone	ND	0.019		mg/Kg-dry	1	8/23/2017
Methylene chloride	ND	0.0096		mg/Kg-dry	1	8/23/2017
Methyl tert-butyl ether	ND	0.0048		mg/Kg-dry	1	8/23/2017
Styrene	ND	0.0048		mg/Kg-dry	1	8/23/2017
1,1,2,2-Tetrachloroethane	ND	0.0048		mg/Kg-dry	1	8/23/2017
Tetrachloroethene	ND	0.0048		mg/Kg-dry	1	8/23/2017
Toluene	ND	0.0048		mg/Kg-dry	1	8/23/2017
1,1,1-Trichloroethane	ND	0.0048		mg/Kg-dry	1	8/23/2017
1,1,2-Trichloroethane	ND	0.0048		mg/Kg-dry	1	8/23/2017
Trichloroethene	ND	0.0048		mg/Kg-dry	1	8/23/2017
Vinyl chloride	ND	0.0048		mg/Kg-dry	1	8/23/2017
Xylenes, Total	ND	0.014		mg/Kg-dry	1	8/23/2017

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

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

STAT Analysis Corporation

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

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

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

Report Date: August 30, 2017

ANALYTICAL RESULTS

Print Date: August 30, 2017

Client: Huff & Huff, Inc.

Client Sample ID: 2597V-2-03 (0-4)

Work Order: 17080682 Revision 0

Tag Number:

Project: 81.0220509.08, 2597V-IL 53 at Hick Road, Long Gr Collection Date: 8/18/2017 9:34:00 AM

Lab ID: 17080682-008B

Matrix: Soil

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

Semivolatile Organic Compounds by GC/MS	SW8270C (SW3550B)					Prep Date: 8/24/2017 Analyst: DM
Acenaphthene	ND	0.040		mg/Kg-dry	1	8/24/2017
Acenaphthylene	ND	0.040		mg/Kg-dry	1	8/24/2017
Aniline	ND	0.40		mg/Kg-dry	1	8/24/2017
Anthracene	ND	0.040		mg/Kg-dry	1	8/24/2017
Benz(a)anthracene	ND	0.040		mg/Kg-dry	1	8/24/2017
Benzidine	ND	0.40		mg/Kg-dry	1	8/24/2017
Benzo(a)pyrene	ND	0.040		mg/Kg-dry	1	8/24/2017
Benzo(b)fluoranthene	ND	0.040		mg/Kg-dry	1	8/24/2017
Benzo(g,h,i)perylene	ND	0.040		mg/Kg-dry	1	8/24/2017
Benzo(k)fluoranthene	ND	0.040		mg/Kg-dry	1	8/24/2017
Benzoic acid	ND	1.0		mg/Kg-dry	1	8/24/2017
Benzyl alcohol	ND	0.20		mg/Kg-dry	1	8/24/2017
Bis(2-chloroethoxy)methane	ND	0.20		mg/Kg-dry	1	8/24/2017
Bis(2-chloroethyl)ether	ND	0.20		mg/Kg-dry	1	8/24/2017
Bis(2-ethylhexyl)phthalate	ND	1.0		mg/Kg-dry	1	8/24/2017
4-Bromophenyl phenyl ether	ND	0.20		mg/Kg-dry	1	8/24/2017
Butyl benzyl phthalate	ND	0.20		mg/Kg-dry	1	8/24/2017
Carbazole	ND	0.20		mg/Kg-dry	1	8/24/2017
4-Chloroaniline	ND	0.20		mg/Kg-dry	1	8/24/2017
4-Chloro-3-methylphenol	ND	0.40		mg/Kg-dry	1	8/24/2017
2-Chloronaphthalene	ND	0.20		mg/Kg-dry	1	8/24/2017
2-Chlorophenol	ND	0.20		mg/Kg-dry	1	8/24/2017
4-Chlorophenyl phenyl ether	ND	0.20		mg/Kg-dry	1	8/24/2017
Chrysene	ND	0.040		mg/Kg-dry	1	8/24/2017
Dibenz(a,h)anthracene	ND	0.040		mg/Kg-dry	1	8/24/2017
Dibenzofuran	ND	0.20		mg/Kg-dry	1	8/24/2017
1,2-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	8/24/2017
1,3-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	8/24/2017
1,4-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	8/24/2017
3,3'-Dichlorobenzidine	ND	0.20		mg/Kg-dry	1	8/24/2017
2,4-Dichlorophenol	ND	0.20		mg/Kg-dry	1	8/24/2017
Diethyl phthalate	ND	0.20		mg/Kg-dry	1	8/24/2017
2,4-Dimethylphenol	ND	0.20		mg/Kg-dry	1	8/24/2017
Dimethyl phthalate	ND	0.20		mg/Kg-dry	1	8/24/2017
4,6-Dinitro-2-methylphenol	ND	0.40		mg/Kg-dry	1	8/24/2017
2,4-Dinitrophenol	ND	1.0		mg/Kg-dry	1	8/24/2017
2,4-Dinitrotoluene	ND	0.040		mg/Kg-dry	1	8/24/2017
2,6-Dinitrotoluene	ND	0.040		mg/Kg-dry	1	8/24/2017

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

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

STAT Analysis Corporation

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

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

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

Report Date: August 30, 2017

ANALYTICAL RESULTS

Print Date: August 30, 2017

Client: Huff & Huff, Inc.

Client Sample ID: 2597V-2-03 (0-4)

Work Order: 17080682 Revision 0

Tag Number:

Project: 81.0220509.08, 2597V-IL 53 at Hick Road, Long Gr Collection Date: 8/18/2017 9:34:00 AM

Lab ID: 17080682-008B

Matrix: Soil

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

Semivolatile Organic Compounds by GC/MS SW8270C (SW3550B) Prep Date: 8/24/2017 Analyst: DM

Di-n-butyl phthalate	ND	0.20		mg/Kg-dry	1	8/24/2017
Di-n-octyl phthalate	ND	0.20		mg/Kg-dry	1	8/24/2017
Fluoranthene	ND	0.040		mg/Kg-dry	1	8/24/2017
Fluorene	ND	0.040		mg/Kg-dry	1	8/24/2017
Hexachlorobenzene	ND	0.20		mg/Kg-dry	1	8/24/2017
Hexachlorobutadiene	ND	0.20		mg/Kg-dry	1	8/24/2017
Hexachlorocyclopentadiene	ND	0.20		mg/Kg-dry	1	8/24/2017
Hexachloroethane	ND	0.20		mg/Kg-dry	1	8/24/2017
Indeno(1,2,3-cd)pyrene	ND	0.040		mg/Kg-dry	1	8/24/2017
Isophorone	ND	0.20		mg/Kg-dry	1	8/24/2017
2-Methylnaphthalene	ND	0.20		mg/Kg-dry	1	8/24/2017
2-Methylphenol	ND	0.20		mg/Kg-dry	1	8/24/2017
4-Methylphenol	ND	0.20		mg/Kg-dry	1	8/24/2017
Naphthalene	ND	0.040		mg/Kg-dry	1	8/24/2017
2-Nitroaniline	ND	0.20		mg/Kg-dry	1	8/24/2017
3-Nitroaniline	ND	0.20		mg/Kg-dry	1	8/24/2017
4-Nitroaniline	ND	0.20		mg/Kg-dry	1	8/24/2017
2-Nitrophenol	ND	0.20		mg/Kg-dry	1	8/24/2017
4-Nitrophenol	ND	0.40		mg/Kg-dry	1	8/24/2017
Nitrobenzene	ND	0.040		mg/Kg-dry	1	8/24/2017
N-Nitrosodi-n-propylamine	ND	0.040		mg/Kg-dry	1	8/24/2017
N-Nitrosodimethylamine	ND	0.20		mg/Kg-dry	1	8/24/2017
N-Nitrosodiphenylamine	ND	0.20		mg/Kg-dry	1	8/24/2017
2, 2'-oxybis(1-Chloropropane)	ND	0.20		mg/Kg-dry	1	8/24/2017
Pentachlorophenol	ND	0.080		mg/Kg-dry	1	8/24/2017
Phenanthrene	ND	0.040		mg/Kg-dry	1	8/24/2017
Phenol	ND	0.20		mg/Kg-dry	1	8/24/2017
Pyrene	ND	0.040		mg/Kg-dry	1	8/24/2017
Pyridine	ND	0.80		mg/Kg-dry	1	8/24/2017
1,2,4-Trichlorobenzene	ND	0.20		mg/Kg-dry	1	8/24/2017
2,4,5-Trichlorophenol	ND	0.20		mg/Kg-dry	1	8/24/2017
2,4,6-Trichlorophenol	ND	0.20		mg/Kg-dry	1	8/24/2017

Metals by ICP/MS SW6020 (SW3050B) Prep Date: 8/23/2017 Analyst: JG

Antimony	ND	2.1		mg/Kg-dry	10	8/23/2017
Arsenic	6.6	1.1		mg/Kg-dry	10	8/23/2017
Barium	110	1.1		mg/Kg-dry	10	8/23/2017
Beryllium	1.0	0.53		mg/Kg-dry	10	8/23/2017
Cadmium	ND	0.53		mg/Kg-dry	10	8/23/2017

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

STAT Analysis Corporation

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

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

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

Report Date: August 30, 2017

ANALYTICAL RESULTS

Print Date: August 30, 2017

Client: Huff & Huff, Inc.

Client Sample ID: 2597V-2-03 (0-4)

Work Order: 17080682 Revision 0

Tag Number:

Project: 81.0220509.08, 2597V-IL 53 at Hick Road, Long Gr Collection Date: 8/18/2017 9:34:00 AM

Lab ID: 17080682-008B

Matrix: Soil

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

Metals by ICP/MS

SW6020 (SW3050B)

Prep Date: 8/23/2017

Analyst: JG

Calcium	3900	64		mg/Kg-dry	10	8/23/2017
Chromium	28	1.1		mg/Kg-dry	10	8/23/2017
Cobalt	16	1.1		mg/Kg-dry	10	8/23/2017
Copper	23	2.7		mg/Kg-dry	10	8/23/2017
Iron	33000	32		mg/Kg-dry	10	8/23/2017
Lead	21	0.53		mg/Kg-dry	10	8/23/2017
Magnesium	5500	32		mg/Kg-dry	10	8/23/2017
Manganese	260	1.1		mg/Kg-dry	10	8/23/2017
Nickel	25	1.1		mg/Kg-dry	10	8/23/2017
Potassium	1200	32		mg/Kg-dry	10	8/23/2017
Selenium	ND	1.1		mg/Kg-dry	10	8/23/2017
Silver	ND	1.1		mg/Kg-dry	10	8/23/2017
Sodium	910	64		mg/Kg-dry	10	8/23/2017
Thallium	ND	1.1		mg/Kg-dry	10	8/23/2017
Vanadium	48	1.1		mg/Kg-dry	10	8/23/2017
Zinc	72	5.3		mg/Kg-dry	10	8/23/2017

SPLP Metals by ICP/MS

SW1312/6020 (SW3005A)

Prep Date: 8/22/2017

Analyst: JG

Arsenic	ND	0.0040		mg/L	2	8/23/2017
Barium	0.025	0.020		mg/L	2	8/23/2017
Beryllium	ND	0.0020		mg/L	2	8/23/2017
Cadmium	ND	0.0020		mg/L	2	8/23/2017
Chromium	0.0088	0.0040		mg/L	2	8/23/2017
Cobalt	ND	0.0040		mg/L	2	8/23/2017
Copper	ND	0.040		mg/L	2	8/23/2017
Iron	9.0	0.10		mg/L	2	8/23/2017
Lead	0.0037	0.0020		mg/L	2	8/23/2017
Manganese	0.018	0.0040		mg/L	2	8/23/2017
Nickel	0.0064	0.0040		mg/L	2	8/23/2017
Selenium	ND	0.0040		mg/L	2	8/23/2017
Silver	ND	0.0040		mg/L	2	8/23/2017
Zinc	ND	0.020		mg/L	2	8/23/2017

TCLP Metals by ICP/MS

SW1311/6020 (SW3005A)

Prep Date: 8/24/2017

Analyst: JG

Arsenic	ND	0.010		mg/L	5	8/24/2017
Barium	0.20	0.050		mg/L	5	8/24/2017
Beryllium	ND	0.0050		mg/L	5	8/24/2017
Cadmium	ND	0.0050		mg/L	5	8/25/2017
Chromium	ND	0.010		mg/L	5	8/24/2017

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

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

STAT Analysis Corporation

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

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

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

Report Date: August 30, 2017

Print Date: August 30, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2597V-2-03 (0-4)

Work Order: 17080682 Revision 0

Tag Number:

Project: 81.0220509.08, 2597V-IL 53 at Hick Road, Long Gr Collection Date: 8/18/2017 9:34:00 AM

Lab ID: 17080682-008B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
TCLP Metals by ICP/MS	SW1311/6020 (SW3005A)		Prep Date: 8/24/2017		Analyst: JG	
Cobalt	ND	0.010		mg/L	5	8/24/2017
Copper	ND	0.10		mg/L	5	8/24/2017
Iron	ND	0.25		mg/L	5	8/24/2017
Lead	ND	0.0050		mg/L	5	8/24/2017
Manganese	0.026	0.010		mg/L	5	8/24/2017
Nickel	ND	0.010		mg/L	5	8/24/2017
Selenium	ND	0.010		mg/L	5	8/24/2017
Silver	ND	0.010		mg/L	5	8/24/2017
Zinc	ND	0.050		mg/L	5	8/24/2017
TCLP Mercury	SW1311/7470A		Prep Date: 8/23/2017		Analyst: LB	
Mercury	ND	0.00020		mg/L	1	8/24/2017
SPLP Mercury	SW1312/7470A		Prep Date: 8/22/2017		Analyst: LB	
Mercury	ND	0.00020		mg/L	1	8/23/2017
Mercury	SW7471A		Prep Date: 8/22/2017		Analyst: LB	
Mercury	0.058	0.024		mg/Kg-dry	1	8/22/2017
pH (25 °C)	SW9045C		Prep Date: 8/24/2017		Analyst: RW	
pH	7.09			pH Units	1	8/24/2017
Percent Moisture	D2974		Prep Date: 8/21/2017		Analyst: KKA	
Percent Moisture	17.9	0.2	*	wt%	1	8/22/2017

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

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

STAT Analysis Corporation

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

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

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

Report Date: August 30, 2017

ANALYTICAL RESULTS

Print Date: August 30, 2017

Client: Huff & Huff, Inc.

Client Sample ID: 2597V-3-01 (0-4)

Work Order: 17080682 Revision 0

Tag Number:

Project: 81.0220509.08, 2597V-IL 53 at Hick Road, Long Gr Collection Date: 8/18/2017 11:26:00 AM

Lab ID: 17080682-001A

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS	SW5035/8260B		Prep Date: 8/22/2017		Analyst: ERP	
Acetone	ND	0.068		mg/Kg-dry	1	8/23/2017
Benzene	ND	0.0045		mg/Kg-dry	1	8/23/2017
Bromodichloromethane	ND	0.0045		mg/Kg-dry	1	8/23/2017
Bromoform	ND	0.0045		mg/Kg-dry	1	8/23/2017
Bromomethane	ND	0.0090		mg/Kg-dry	1	8/23/2017
2-Butanone	ND	0.068		mg/Kg-dry	1	8/23/2017
Carbon disulfide	ND	0.045		mg/Kg-dry	1	8/23/2017
Carbon tetrachloride	ND	0.0045		mg/Kg-dry	1	8/23/2017
Chlorobenzene	ND	0.0045		mg/Kg-dry	1	8/23/2017
Chloroethane	ND	0.0090		mg/Kg-dry	1	8/23/2017
Chloroform	ND	0.0045		mg/Kg-dry	1	8/23/2017
Chloromethane	ND	0.0090		mg/Kg-dry	1	8/23/2017
Dibromochloromethane	ND	0.0045		mg/Kg-dry	1	8/23/2017
1,1-Dichloroethane	ND	0.0045		mg/Kg-dry	1	8/23/2017
1,2-Dichloroethane	ND	0.0045		mg/Kg-dry	1	8/23/2017
1,1-Dichloroethene	ND	0.0045		mg/Kg-dry	1	8/23/2017
cis-1,2-Dichloroethene	ND	0.0045		mg/Kg-dry	1	8/23/2017
trans-1,2-Dichloroethene	ND	0.0045		mg/Kg-dry	1	8/23/2017
1,2-Dichloropropane	ND	0.0045		mg/Kg-dry	1	8/23/2017
cis-1,3-Dichloropropene	ND	0.0018		mg/Kg-dry	1	8/23/2017
trans-1,3-Dichloropropene	ND	0.0018		mg/Kg-dry	1	8/23/2017
Ethylbenzene	ND	0.0045		mg/Kg-dry	1	8/23/2017
2-Hexanone	ND	0.018		mg/Kg-dry	1	8/23/2017
4-Methyl-2-pentanone	ND	0.018		mg/Kg-dry	1	8/23/2017
Methylene chloride	ND	0.0090		mg/Kg-dry	1	8/23/2017
Methyl tert-butyl ether	ND	0.0045		mg/Kg-dry	1	8/23/2017
Styrene	ND	0.0045		mg/Kg-dry	1	8/23/2017
1,1,2,2-Tetrachloroethane	ND	0.0045		mg/Kg-dry	1	8/23/2017
Tetrachloroethene	ND	0.0045		mg/Kg-dry	1	8/23/2017
Toluene	ND	0.0045		mg/Kg-dry	1	8/23/2017
1,1,1-Trichloroethane	ND	0.0045		mg/Kg-dry	1	8/23/2017
1,1,2-Trichloroethane	ND	0.0045		mg/Kg-dry	1	8/23/2017
Trichloroethene	ND	0.0045		mg/Kg-dry	1	8/23/2017
Vinyl chloride	ND	0.0045		mg/Kg-dry	1	8/23/2017
Xylenes, Total	ND	0.014		mg/Kg-dry	1	8/23/2017

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

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

STAT Analysis Corporation

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

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

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

Report Date: August 30, 2017

ANALYTICAL RESULTS

Print Date: August 30, 2017

Client: Huff & Huff, Inc.

Client Sample ID: 2597V-3-01 (0-4)

Work Order: 17080682 Revision 0

Tag Number:

Project: 81.0220509.08, 2597V-IL 53 at Hick Road, Long Gr Collection Date: 8/18/2017 11:26:00 AM

Lab ID: 17080682-001B

Matrix: Soil

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

Semivolatile Organic Compounds by GC/MS	SW8270C (SW3550B)					Prep Date: 8/24/2017 Analyst: DM
Acenaphthene	ND	0.038		mg/Kg-dry	1	8/24/2017
Acenaphthylene	ND	0.038		mg/Kg-dry	1	8/24/2017
Aniline	ND	0.38		mg/Kg-dry	1	8/24/2017
Anthracene	ND	0.038		mg/Kg-dry	1	8/24/2017
Benz(a)anthracene	ND	0.038		mg/Kg-dry	1	8/24/2017
Benzdine	ND	0.38		mg/Kg-dry	1	8/24/2017
Benzo(a)pyrene	ND	0.038		mg/Kg-dry	1	8/24/2017
Benzo(b)fluoranthene	ND	0.038		mg/Kg-dry	1	8/24/2017
Benzo(g,h,i)perylene	ND	0.038		mg/Kg-dry	1	8/24/2017
Benzo(k)fluoranthene	ND	0.038		mg/Kg-dry	1	8/24/2017
Benzoic acid	ND	0.95		mg/Kg-dry	1	8/24/2017
Benzyl alcohol	ND	0.19		mg/Kg-dry	1	8/24/2017
Bis(2-chloroethoxy)methane	ND	0.19		mg/Kg-dry	1	8/24/2017
Bis(2-chloroethyl)ether	ND	0.19		mg/Kg-dry	1	8/24/2017
Bis(2-ethylhexyl)phthalate	ND	0.95		mg/Kg-dry	1	8/24/2017
4-Bromophenyl phenyl ether	ND	0.19		mg/Kg-dry	1	8/24/2017
Butyl benzyl phthalate	ND	0.19		mg/Kg-dry	1	8/24/2017
Carbazole	ND	0.19		mg/Kg-dry	1	8/24/2017
4-Chloroaniline	ND	0.19		mg/Kg-dry	1	8/24/2017
4-Chloro-3-methylphenol	ND	0.38		mg/Kg-dry	1	8/24/2017
2-Chloronaphthalene	ND	0.19		mg/Kg-dry	1	8/24/2017
2-Chlorophenol	ND	0.19		mg/Kg-dry	1	8/24/2017
4-Chlorophenyl phenyl ether	ND	0.19		mg/Kg-dry	1	8/24/2017
Chrysene	ND	0.038		mg/Kg-dry	1	8/24/2017
Dibenz(a,h)anthracene	ND	0.038		mg/Kg-dry	1	8/24/2017
Dibenzofuran	ND	0.19		mg/Kg-dry	1	8/24/2017
1,2-Dichlorobenzene	ND	0.19		mg/Kg-dry	1	8/24/2017
1,3-Dichlorobenzene	ND	0.19		mg/Kg-dry	1	8/24/2017
1,4-Dichlorobenzene	ND	0.19		mg/Kg-dry	1	8/24/2017
3,3'-Dichlorobenzidine	ND	0.19		mg/Kg-dry	1	8/24/2017
2,4-Dichlorophenol	ND	0.19		mg/Kg-dry	1	8/24/2017
Diethyl phthalate	ND	0.19		mg/Kg-dry	1	8/24/2017
2,4-Dimethylphenol	ND	0.19		mg/Kg-dry	1	8/24/2017
Dimethyl phthalate	ND	0.19		mg/Kg-dry	1	8/24/2017
4,6-Dinitro-2-methylphenol	ND	0.38		mg/Kg-dry	1	8/24/2017
2,4-Dinitrophenol	ND	0.95		mg/Kg-dry	1	8/24/2017
2,4-Dinitrotoluene	ND	0.038		mg/Kg-dry	1	8/24/2017
2,6-Dinitrotoluene	ND	0.038		mg/Kg-dry	1	8/24/2017

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

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

STAT Analysis Corporation

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

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

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

Report Date: August 30, 2017

ANALYTICAL RESULTS

Print Date: August 30, 2017

Client: Huff & Huff, Inc.

Client Sample ID: 2597V-3-01 (0-4)

Work Order: 17080682 Revision 0

Tag Number:

Project: 81.0220509.08, 2597V-IL 53 at Hick Road, Long Gr Collection Date: 8/18/2017 11:26:00 AM

Lab ID: 17080682-001B

Matrix: Soil

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

Semivolatile Organic Compounds by GC/MS	SW8270C (SW3550B)	Prep Date: 8/24/2017			Analyst: DM
---	-------------------	----------------------	--	--	-------------

Di-n-butyl phthalate	ND	0.19		mg/Kg-dry	1	8/24/2017
Di-n-octyl phthalate	ND	0.19		mg/Kg-dry	1	8/24/2017
Fluoranthene	ND	0.038		mg/Kg-dry	1	8/24/2017
Fluorene	ND	0.038		mg/Kg-dry	1	8/24/2017
Hexachlorobenzene	ND	0.19		mg/Kg-dry	1	8/24/2017
Hexachlorobutadiene	ND	0.19		mg/Kg-dry	1	8/24/2017
Hexachlorocyclopentadiene	ND	0.19		mg/Kg-dry	1	8/24/2017
Hexachloroethane	ND	0.19		mg/Kg-dry	1	8/24/2017
Indeno(1,2,3-cd)pyrene	ND	0.038		mg/Kg-dry	1	8/24/2017
Isophorone	ND	0.19		mg/Kg-dry	1	8/24/2017
2-Methylnaphthalene	ND	0.19		mg/Kg-dry	1	8/24/2017
2-Methylphenol	ND	0.19		mg/Kg-dry	1	8/24/2017
4-Methylphenol	ND	0.19		mg/Kg-dry	1	8/24/2017
Naphthalene	ND	0.038		mg/Kg-dry	1	8/24/2017
2-Nitroaniline	ND	0.19		mg/Kg-dry	1	8/24/2017
3-Nitroaniline	ND	0.19		mg/Kg-dry	1	8/24/2017
4-Nitroaniline	ND	0.19		mg/Kg-dry	1	8/24/2017
2-Nitrophenol	ND	0.19		mg/Kg-dry	1	8/24/2017
4-Nitrophenol	ND	0.38		mg/Kg-dry	1	8/24/2017
Nitrobenzene	ND	0.038		mg/Kg-dry	1	8/24/2017
N-Nitrosodi-n-propylamine	ND	0.038		mg/Kg-dry	1	8/24/2017
N-Nitrosodimethylamine	ND	0.19		mg/Kg-dry	1	8/24/2017
N-Nitrosodiphenylamine	ND	0.19		mg/Kg-dry	1	8/24/2017
2, 2'-oxybis(1-Chloropropane)	ND	0.19		mg/Kg-dry	1	8/24/2017
Pentachlorophenol	ND	0.077		mg/Kg-dry	1	8/24/2017
Phenanthrene	ND	0.038		mg/Kg-dry	1	8/24/2017
Phenol	ND	0.19		mg/Kg-dry	1	8/24/2017
Pyrene	ND	0.038		mg/Kg-dry	1	8/24/2017
Pyridine	ND	0.77		mg/Kg-dry	1	8/24/2017
1,2,4-Trichlorobenzene	ND	0.19		mg/Kg-dry	1	8/24/2017
2,4,5-Trichlorophenol	ND	0.19		mg/Kg-dry	1	8/24/2017
2,4,6-Trichlorophenol	ND	0.19		mg/Kg-dry	1	8/24/2017

Metals by ICP/MS	SW6020 (SW3050B)	Prep Date: 8/23/2017			Analyst: JG
------------------	------------------	----------------------	--	--	-------------

Antimony	ND	2.0		mg/Kg-dry	10	8/23/2017
Arsenic	10	1.0		mg/Kg-dry	10	8/23/2017
Barium	37	1.0		mg/Kg-dry	10	8/23/2017
Beryllium	0.60	0.50		mg/Kg-dry	10	8/23/2017
Cadmium	ND	0.50		mg/Kg-dry	10	8/23/2017

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

STAT Analysis Corporation

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

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

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

Report Date: August 30, 2017

ANALYTICAL RESULTS

Print Date: August 30, 2017

Client: Huff & Huff, Inc.

Client Sample ID: 2597V-3-01 (0-4)

Work Order: 17080682 Revision 0

Tag Number:

Project: 81.0220509.08, 2597V-IL 53 at Hick Road, Long Gr Collection Date: 8/18/2017 11:26:00 AM

Lab ID: 17080682-001B

Matrix: Soil

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

Metals by ICP/MS

SW6020 (SW3050B)

Prep Date: 8/23/2017

Analyst: JG

Calcium	48000	60		mg/Kg-dry	10	8/23/2017
Chromium	18	1.0		mg/Kg-dry	10	8/23/2017
Cobalt	12	1.0		mg/Kg-dry	10	8/23/2017
Copper	26	2.5		mg/Kg-dry	10	8/23/2017
Iron	24000	30		mg/Kg-dry	10	8/23/2017
Lead	20	0.50		mg/Kg-dry	10	8/23/2017
Magnesium	25000	30		mg/Kg-dry	10	8/23/2017
Manganese	550	1.0		mg/Kg-dry	10	8/23/2017
Nickel	29	1.0		mg/Kg-dry	10	8/23/2017
Potassium	1600	30		mg/Kg-dry	10	8/23/2017
Selenium	ND	1.0		mg/Kg-dry	10	8/23/2017
Silver	ND	1.0		mg/Kg-dry	10	8/23/2017
Sodium	530	60		mg/Kg-dry	10	8/23/2017
Thallium	ND	1.0		mg/Kg-dry	10	8/23/2017
Vanadium	25	1.0		mg/Kg-dry	10	8/23/2017
Zinc	59	5.0		mg/Kg-dry	10	8/23/2017

SPLP Metals by ICP/MS

SW1312/6020 (SW3005A)

Prep Date: 8/22/2017

Analyst: JG

Arsenic	ND	0.0040		mg/L	2	8/23/2017
Barium	ND	0.020		mg/L	2	8/23/2017
Beryllium	ND	0.0020		mg/L	2	8/23/2017
Cadmium	ND	0.0020		mg/L	2	8/23/2017
Chromium	0.0064	0.0040		mg/L	2	8/23/2017
Cobalt	ND	0.0040		mg/L	2	8/23/2017
Copper	ND	0.040		mg/L	2	8/23/2017
Iron	4.3	0.10		mg/L	2	8/23/2017
Lead	0.0021	0.0020		mg/L	2	8/23/2017
Manganese	0.021	0.0040		mg/L	2	8/23/2017
Nickel	0.0051	0.0040		mg/L	2	8/23/2017
Selenium	ND	0.0040		mg/L	2	8/23/2017
Silver	ND	0.0040		mg/L	2	8/23/2017
Zinc	ND	0.020		mg/L	2	8/23/2017

TCLP Metals by ICP/MS

SW1311/6020 (SW3005A)

Prep Date: 8/23/2017

Analyst: JG

Arsenic	ND	0.010		mg/L	5	8/25/2017
Barium	0.36	0.050		mg/L	5	8/25/2017
Beryllium	ND	0.0050		mg/L	5	8/25/2017
Cadmium	ND	0.0050		mg/L	5	8/25/2017
Chromium	ND	0.010		mg/L	5	8/25/2017

Qualifiers:

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

* - Non-accredited parameter

H - Holding time exceeded

STAT Analysis Corporation

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

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

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

Report Date: August 30, 2017

ANALYTICAL RESULTS

Print Date: August 30, 2017

Client: Huff & Huff, Inc.

Client Sample ID: 2597V-3-01 (0-4)

Work Order: 17080682 Revision 0

Tag Number:

Project: 81.0220509.08, 2597V-IL 53 at Hick Road, Long Gr Collection Date: 8/18/2017 11:26:00 AM

Lab ID: 17080682-001B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
TCLP Metals by ICP/MS	SW1311/6020 (SW3005A)		Prep Date: 8/23/2017		Analyst: JG	
Cobalt	0.069	0.010		mg/L	5	8/25/2017
Copper	ND	0.10		mg/L	5	8/25/2017
Iron	ND	0.25		mg/L	5	8/25/2017
Lead	ND	0.0050		mg/L	5	8/25/2017
Manganese	9.8	0.010		mg/L	5	8/25/2017
Nickel	0.052	0.010		mg/L	5	8/25/2017
Selenium	ND	0.010		mg/L	5	8/25/2017
Silver	ND	0.010		mg/L	5	8/25/2017
Zinc	ND	0.050		mg/L	5	8/25/2017
TCLP Mercury	SW1311/7470A		Prep Date: 8/23/2017		Analyst: LB	
Mercury	ND	0.00020		mg/L	1	8/23/2017
SPLP Mercury	SW1312/7470A		Prep Date: 8/22/2017		Analyst: LB	
Mercury	ND	0.00025		mg/L	1	8/23/2017
Mercury	SW7471A		Prep Date: 8/22/2017		Analyst: LB	
Mercury	0.034	0.020		mg/Kg-dry	1	8/22/2017
pH (25 °C)	SW9045C		Prep Date: 8/24/2017		Analyst: RW	
pH	8.19			pH Units	1	8/24/2017
Percent Moisture	D2974		Prep Date: 8/21/2017		Analyst: KKA	
Percent Moisture	13.5	0.2	*	wt%	1	8/22/2017

Qualifiers:

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

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

STAT Analysis Corporation

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

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

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

Report Date: August 30, 2017

Print Date: August 30, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2597V-5-02 (0-4)

Work Order: 17080682 Revision 0

Tag Number:

Project: 81.0220509.08, 2597V-IL 53 at Hick Road, Long Gr Collection Date: 8/18/2017 11:04:00 AM

Lab ID: 17080682-017A

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS	SW5035/8260B		Prep Date: 8/22/2017		Analyst: ERP	
Acetone	ND	0.069		mg/Kg-dry	1	8/23/2017
Benzene	ND	0.0046		mg/Kg-dry	1	8/23/2017
Bromodichloromethane	ND	0.0046		mg/Kg-dry	1	8/23/2017
Bromoform	ND	0.0046		mg/Kg-dry	1	8/23/2017
Bromomethane	ND	0.0092		mg/Kg-dry	1	8/23/2017
2-Butanone	ND	0.069		mg/Kg-dry	1	8/23/2017
Carbon disulfide	ND	0.046		mg/Kg-dry	1	8/23/2017
Carbon tetrachloride	ND	0.0046		mg/Kg-dry	1	8/23/2017
Chlorobenzene	ND	0.0046		mg/Kg-dry	1	8/23/2017
Chloroethane	ND	0.0092		mg/Kg-dry	1	8/23/2017
Chloroform	ND	0.0046		mg/Kg-dry	1	8/23/2017
Chloromethane	ND	0.0092		mg/Kg-dry	1	8/23/2017
Dibromochloromethane	ND	0.0046		mg/Kg-dry	1	8/23/2017
1,1-Dichloroethane	ND	0.0046		mg/Kg-dry	1	8/23/2017
1,2-Dichloroethane	ND	0.0046		mg/Kg-dry	1	8/23/2017
1,1-Dichloroethene	ND	0.0046		mg/Kg-dry	1	8/23/2017
cis-1,2-Dichloroethene	ND	0.0046		mg/Kg-dry	1	8/23/2017
trans-1,2-Dichloroethene	ND	0.0046		mg/Kg-dry	1	8/23/2017
1,2-Dichloropropane	ND	0.0046		mg/Kg-dry	1	8/23/2017
cis-1,3-Dichloropropene	ND	0.0018		mg/Kg-dry	1	8/23/2017
trans-1,3-Dichloropropene	ND	0.0018		mg/Kg-dry	1	8/23/2017
Ethylbenzene	ND	0.0046		mg/Kg-dry	1	8/23/2017
2-Hexanone	ND	0.018		mg/Kg-dry	1	8/23/2017
4-Methyl-2-pentanone	ND	0.018		mg/Kg-dry	1	8/23/2017
Methylene chloride	ND	0.0092		mg/Kg-dry	1	8/23/2017
Methyl tert-butyl ether	ND	0.0046		mg/Kg-dry	1	8/23/2017
Styrene	ND	0.0046		mg/Kg-dry	1	8/23/2017
1,1,2,2-Tetrachloroethane	ND	0.0046		mg/Kg-dry	1	8/23/2017
Tetrachloroethene	ND	0.0046		mg/Kg-dry	1	8/23/2017
Toluene	ND	0.0046		mg/Kg-dry	1	8/23/2017
1,1,1-Trichloroethane	ND	0.0046		mg/Kg-dry	1	8/23/2017
1,1,2-Trichloroethane	ND	0.0046		mg/Kg-dry	1	8/23/2017
Trichloroethene	ND	0.0046		mg/Kg-dry	1	8/23/2017
Vinyl chloride	ND	0.0046		mg/Kg-dry	1	8/23/2017
Xylenes, Total	ND	0.014		mg/Kg-dry	1	8/23/2017

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

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

STAT Analysis Corporation

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

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

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

Report Date: August 30, 2017

ANALYTICAL RESULTS

Print Date: August 30, 2017

Client: Huff & Huff, Inc.

Client Sample ID: 2597V-5-02 (0-4)

Work Order: 17080682 Revision 0

Tag Number:

Project: 81.0220509.08, 2597V-IL 53 at Hick Road, Long Gr Collection Date: 8/18/2017 11:04:00 AM

Lab ID: 17080682-017B

Matrix: Soil

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

Semivolatile Organic Compounds by GC/MS	SW8270C (SW3550B)					Prep Date: 8/24/2017 Analyst: DM
Acenaphthene	ND	0.040		mg/Kg-dry	1	8/25/2017
Acenaphthylene	ND	0.040		mg/Kg-dry	1	8/25/2017
Aniline	ND	0.41		mg/Kg-dry	1	8/25/2017
Anthracene	ND	0.040		mg/Kg-dry	1	8/25/2017
Benz(a)anthracene	ND	0.040		mg/Kg-dry	1	8/25/2017
Benzidine	ND	0.40		mg/Kg-dry	1	8/25/2017
Benzo(a)pyrene	ND	0.040		mg/Kg-dry	1	8/25/2017
Benzo(b)fluoranthene	ND	0.040		mg/Kg-dry	1	8/25/2017
Benzo(g,h,i)perylene	ND	0.040		mg/Kg-dry	1	8/25/2017
Benzo(k)fluoranthene	ND	0.040		mg/Kg-dry	1	8/25/2017
Benzoic acid	ND	1.0		mg/Kg-dry	1	8/25/2017
Benzyl alcohol	ND	0.21		mg/Kg-dry	1	8/25/2017
Bis(2-chloroethoxy)methane	ND	0.21		mg/Kg-dry	1	8/25/2017
Bis(2-chloroethyl)ether	ND	0.21		mg/Kg-dry	1	8/25/2017
Bis(2-ethylhexyl)phthalate	ND	1.0		mg/Kg-dry	1	8/25/2017
4-Bromophenyl phenyl ether	ND	0.21		mg/Kg-dry	1	8/25/2017
Butyl benzyl phthalate	ND	0.21		mg/Kg-dry	1	8/25/2017
Carbazole	ND	0.21		mg/Kg-dry	1	8/25/2017
4-Chloroaniline	ND	0.21		mg/Kg-dry	1	8/25/2017
4-Chloro-3-methylphenol	ND	0.40		mg/Kg-dry	1	8/25/2017
2-Chloronaphthalene	ND	0.21		mg/Kg-dry	1	8/25/2017
2-Chlorophenol	ND	0.21		mg/Kg-dry	1	8/25/2017
4-Chlorophenyl phenyl ether	ND	0.21		mg/Kg-dry	1	8/25/2017
Chrysene	ND	0.040		mg/Kg-dry	1	8/25/2017
Dibenz(a,h)anthracene	ND	0.040		mg/Kg-dry	1	8/25/2017
Dibenzofuran	ND	0.21		mg/Kg-dry	1	8/25/2017
1,2-Dichlorobenzene	ND	0.21		mg/Kg-dry	1	8/25/2017
1,3-Dichlorobenzene	ND	0.21		mg/Kg-dry	1	8/25/2017
1,4-Dichlorobenzene	ND	0.21		mg/Kg-dry	1	8/25/2017
3,3'-Dichlorobenzidine	ND	0.21		mg/Kg-dry	1	8/25/2017
2,4-Dichlorophenol	ND	0.21		mg/Kg-dry	1	8/25/2017
Diethyl phthalate	ND	0.21		mg/Kg-dry	1	8/25/2017
2,4-Dimethylphenol	ND	0.21		mg/Kg-dry	1	8/25/2017
Dimethyl phthalate	ND	0.21		mg/Kg-dry	1	8/25/2017
4,6-Dinitro-2-methylphenol	ND	0.40		mg/Kg-dry	1	8/25/2017
2,4-Dinitrophenol	ND	1.0		mg/Kg-dry	1	8/25/2017
2,4-Dinitrotoluene	ND	0.040		mg/Kg-dry	1	8/25/2017
2,6-Dinitrotoluene	ND	0.040		mg/Kg-dry	1	8/25/2017

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

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

STAT Analysis Corporation

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

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

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

Report Date: August 30, 2017

ANALYTICAL RESULTS

Print Date: August 30, 2017

Client: Huff & Huff, Inc.

Client Sample ID: 2597V-5-02 (0-4)

Work Order: 17080682 Revision 0

Tag Number:

Project: 81.0220509.08, 2597V-IL 53 at Hick Road, Long Gr Collection Date: 8/18/2017 11:04:00 AM

Lab ID: 17080682-017B

Matrix: Soil

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

Semivolatile Organic Compounds by GC/MS	SW8270C (SW3550B)	Prep Date: 8/24/2017	Analyst: DM
---	-------------------	----------------------	-------------

Di-n-butyl phthalate	ND	0.21	mg/Kg-dry	1	8/25/2017
Di-n-octyl phthalate	ND	0.21	mg/Kg-dry	1	8/25/2017
Fluoranthene	ND	0.040	mg/Kg-dry	1	8/25/2017
Fluorene	ND	0.040	mg/Kg-dry	1	8/25/2017
Hexachlorobenzene	ND	0.21	mg/Kg-dry	1	8/25/2017
Hexachlorobutadiene	ND	0.21	mg/Kg-dry	1	8/25/2017
Hexachlorocyclopentadiene	ND	0.21	mg/Kg-dry	1	8/25/2017
Hexachloroethane	ND	0.21	mg/Kg-dry	1	8/25/2017
Indeno(1,2,3-cd)pyrene	ND	0.040	mg/Kg-dry	1	8/25/2017
Isophorone	ND	0.21	mg/Kg-dry	1	8/25/2017
2-Methylnaphthalene	ND	0.21	mg/Kg-dry	1	8/25/2017
2-Methylphenol	ND	0.21	mg/Kg-dry	1	8/25/2017
4-Methylphenol	ND	0.21	mg/Kg-dry	1	8/25/2017
Naphthalene	ND	0.040	mg/Kg-dry	1	8/25/2017
2-Nitroaniline	ND	0.21	mg/Kg-dry	1	8/25/2017
3-Nitroaniline	ND	0.21	mg/Kg-dry	1	8/25/2017
4-Nitroaniline	ND	0.21	mg/Kg-dry	1	8/25/2017
2-Nitrophenol	ND	0.21	mg/Kg-dry	1	8/25/2017
4-Nitrophenol	ND	0.40	mg/Kg-dry	1	8/25/2017
Nitrobenzene	ND	0.040	mg/Kg-dry	1	8/25/2017
N-Nitrosodi-n-propylamine	ND	0.040	mg/Kg-dry	1	8/25/2017
N-Nitrosodimethylamine	ND	0.21	mg/Kg-dry	1	8/25/2017
N-Nitrosodiphenylamine	ND	0.21	mg/Kg-dry	1	8/25/2017
2, 2'-oxybis(1-Chloropropane)	ND	0.21	mg/Kg-dry	1	8/25/2017
Pentachlorophenol	ND	0.082	mg/Kg-dry	1	8/25/2017
Phenanthrene	ND	0.040	mg/Kg-dry	1	8/25/2017
Phenol	ND	0.21	mg/Kg-dry	1	8/25/2017
Pyrene	ND	0.040	mg/Kg-dry	1	8/25/2017
Pyridine	ND	0.82	mg/Kg-dry	1	8/25/2017
1,2,4-Trichlorobenzene	ND	0.21	mg/Kg-dry	1	8/25/2017
2,4,5-Trichlorophenol	ND	0.21	mg/Kg-dry	1	8/25/2017
2,4,6-Trichlorophenol	ND	0.21	mg/Kg-dry	1	8/25/2017

Metals by ICP/MS	SW6020 (SW3050B)	Prep Date: 8/23/2017	Analyst: JG
------------------	------------------	----------------------	-------------

Antimony	ND	2.1	mg/Kg-dry	10	8/23/2017
Arsenic	10	1.0	mg/Kg-dry	10	8/23/2017
Barium	150	1.0	mg/Kg-dry	10	8/23/2017
Beryllium	ND	0.52	mg/Kg-dry	10	8/23/2017
Cadmium	ND	0.52	mg/Kg-dry	10	8/23/2017

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

STAT Analysis Corporation

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

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

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

Report Date: August 30, 2017

ANALYTICAL RESULTS

Print Date: August 30, 2017

Client: Huff & Huff, Inc.

Client Sample ID: 2597V-5-02 (0-4)

Work Order: 17080682 Revision 0

Tag Number:

Project: 81.0220509.08, 2597V-IL 53 at Hick Road, Long Gr Collection Date: 8/18/2017 11:04:00 AM

Lab ID: 17080682-017B

Matrix: Soil

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

Metals by ICP/MS

SW6020 (SW3050B)

Prep Date: 8/23/2017

Analyst: JG

Calcium	110000	62		mg/Kg-dry	10	8/23/2017
Chromium	13	1.0		mg/Kg-dry	10	8/23/2017
Cobalt	7.5	1.0		mg/Kg-dry	10	8/23/2017
Copper	23	2.6		mg/Kg-dry	10	8/23/2017
Iron	19000	31		mg/Kg-dry	10	8/23/2017
Lead	15	0.52		mg/Kg-dry	10	8/23/2017
Magnesium	67000	31		mg/Kg-dry	10	8/23/2017
Manganese	1600	1.0		mg/Kg-dry	10	8/23/2017
Nickel	22	1.0		mg/Kg-dry	10	8/23/2017
Potassium	1200	31		mg/Kg-dry	10	8/23/2017
Selenium	ND	1.0		mg/Kg-dry	10	8/23/2017
Silver	ND	1.0		mg/Kg-dry	10	8/23/2017
Sodium	280	62		mg/Kg-dry	10	8/23/2017
Thallium	ND	1.0		mg/Kg-dry	10	8/23/2017
Vanadium	20	1.0		mg/Kg-dry	10	8/23/2017
Zinc	41	5.2		mg/Kg-dry	10	8/23/2017

SPLP Metals by ICP/MS

SW1312/6020 (SW3005A)

Prep Date: 8/22/2017

Analyst: JG

Arsenic	0.0055	0.0040		mg/L	2	8/23/2017
Barium	0.023	0.020		mg/L	2	8/23/2017
Beryllium	ND	0.0020		mg/L	2	8/23/2017
Cadmium	ND	0.0020		mg/L	2	8/23/2017
Chromium	0.0072	0.0040		mg/L	2	8/23/2017
Cobalt	ND	0.0040		mg/L	2	8/23/2017
Copper	ND	0.040		mg/L	2	8/23/2017
Iron	7.2	0.10		mg/L	2	8/23/2017
Lead	0.0039	0.0020		mg/L	2	8/23/2017
Manganese	0.074	0.0040		mg/L	2	8/23/2017
Nickel	0.0055	0.0040		mg/L	2	8/23/2017
Selenium	ND	0.0040		mg/L	2	8/23/2017
Silver	ND	0.0040		mg/L	2	8/23/2017
Zinc	ND	0.020		mg/L	2	8/23/2017

TCLP Metals by ICP/MS

SW1311/6020 (SW3005A)

Prep Date: 8/24/2017

Analyst: JG

Arsenic	ND	0.010		mg/L	5	8/24/2017
Barium	0.22	0.050		mg/L	5	8/24/2017
Beryllium	ND	0.0050		mg/L	5	8/24/2017
Cadmium	ND	0.0050		mg/L	5	8/25/2017
Chromium	ND	0.010		mg/L	5	8/24/2017

Qualifiers:

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

* - Non-accredited parameter

H - Holding time exceeded

STAT Analysis Corporation

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

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

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

Report Date: August 30, 2017

Print Date: August 30, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2597V-5-02 (0-4)

Work Order: 17080682 Revision 0

Tag Number:

Project: 81.0220509.08, 2597V-IL 53 at Hick Road, Long Gr Collection Date: 8/18/2017 11:04:00 AM

Lab ID: 17080682-017B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
TCLP Metals by ICP/MS	SW1311/6020 (SW3005A)		Prep Date: 8/24/2017		Analyst: JG	
Cobalt	ND	0.010		mg/L	5	8/24/2017
Copper	ND	0.10		mg/L	5	8/24/2017
Iron	ND	0.25		mg/L	5	8/24/2017
Lead	ND	0.0050		mg/L	5	8/24/2017
Manganese	0.98	0.010		mg/L	5	8/24/2017
Nickel	0.011	0.010		mg/L	5	8/24/2017
Selenium	ND	0.010		mg/L	5	8/24/2017
Silver	ND	0.010		mg/L	5	8/24/2017
Zinc	ND	0.050		mg/L	5	8/24/2017
TCLP Mercury	SW1311/7470A		Prep Date: 8/23/2017		Analyst: LB	
Mercury	ND	0.00020		mg/L	1	8/24/2017
SPLP Mercury	SW1312/7470A		Prep Date: 8/22/2017		Analyst: LB	
Mercury	ND	0.00020		mg/L	1	8/23/2017
Mercury	SW7471A		Prep Date: 8/22/2017		Analyst: LB	
Mercury	0.025	0.021		mg/Kg-dry	1	8/23/2017
pH (25 °C)	SW9045C		Prep Date: 8/24/2017		Analyst: RW	
pH	7.24			pH Units	1	8/24/2017
Percent Moisture	D2974		Prep Date: 8/21/2017		Analyst: KKA	
Percent Moisture	18.5	0.2	*	wt%	1	8/22/2017

Qualifiers:

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

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

STAT Analysis Corporation

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

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

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

Report Date: August 30, 2017

ANALYTICAL RESULTS

Print Date: August 30, 2017

Client: Huff & Huff, Inc.

Client Sample ID: 2597V-7-01 (0-4)

Work Order: 17080682 Revision 0

Tag Number:

Project: 81.0220509.08, 2597V-IL 53 at Hick Road, Long Gr Collection Date: 8/18/2017 9:49:00 AM

Lab ID: 17080682-011A

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS	SW5035/8260B		Prep Date: 8/22/2017		Analyst: ERP	
Acetone	ND	0.075		mg/Kg-dry	1	8/23/2017
Benzene	ND	0.0050		mg/Kg-dry	1	8/23/2017
Bromodichloromethane	ND	0.0050		mg/Kg-dry	1	8/23/2017
Bromoform	ND	0.0050		mg/Kg-dry	1	8/23/2017
Bromomethane	ND	0.010		mg/Kg-dry	1	8/23/2017
2-Butanone	ND	0.075		mg/Kg-dry	1	8/23/2017
Carbon disulfide	ND	0.050		mg/Kg-dry	1	8/23/2017
Carbon tetrachloride	ND	0.0050		mg/Kg-dry	1	8/23/2017
Chlorobenzene	ND	0.0050		mg/Kg-dry	1	8/23/2017
Chloroethane	ND	0.010		mg/Kg-dry	1	8/23/2017
Chloroform	ND	0.0050		mg/Kg-dry	1	8/23/2017
Chloromethane	ND	0.010		mg/Kg-dry	1	8/23/2017
Dibromochloromethane	ND	0.0050		mg/Kg-dry	1	8/23/2017
1,1-Dichloroethane	ND	0.0050		mg/Kg-dry	1	8/23/2017
1,2-Dichloroethane	ND	0.0050		mg/Kg-dry	1	8/23/2017
1,1-Dichloroethene	ND	0.0050		mg/Kg-dry	1	8/23/2017
cis-1,2-Dichloroethene	ND	0.0050		mg/Kg-dry	1	8/23/2017
trans-1,2-Dichloroethene	ND	0.0050		mg/Kg-dry	1	8/23/2017
1,2-Dichloropropane	ND	0.0050		mg/Kg-dry	1	8/23/2017
cis-1,3-Dichloropropene	ND	0.0020		mg/Kg-dry	1	8/23/2017
trans-1,3-Dichloropropene	ND	0.0020		mg/Kg-dry	1	8/23/2017
Ethylbenzene	ND	0.0050		mg/Kg-dry	1	8/23/2017
2-Hexanone	ND	0.020		mg/Kg-dry	1	8/23/2017
4-Methyl-2-pentanone	ND	0.020		mg/Kg-dry	1	8/23/2017
Methylene chloride	ND	0.010		mg/Kg-dry	1	8/23/2017
Methyl tert-butyl ether	ND	0.0050		mg/Kg-dry	1	8/23/2017
Styrene	ND	0.0050		mg/Kg-dry	1	8/23/2017
1,1,2,2-Tetrachloroethane	ND	0.0050		mg/Kg-dry	1	8/23/2017
Tetrachloroethene	ND	0.0050		mg/Kg-dry	1	8/23/2017
Toluene	ND	0.0050		mg/Kg-dry	1	8/23/2017
1,1,1-Trichloroethane	ND	0.0050		mg/Kg-dry	1	8/23/2017
1,1,2-Trichloroethane	ND	0.0050		mg/Kg-dry	1	8/23/2017
Trichloroethene	ND	0.0050		mg/Kg-dry	1	8/23/2017
Vinyl chloride	ND	0.0050		mg/Kg-dry	1	8/23/2017
Xylenes, Total	ND	0.015		mg/Kg-dry	1	8/23/2017

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

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

STAT Analysis Corporation

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

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

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

Report Date: August 30, 2017

ANALYTICAL RESULTS

Print Date: August 30, 2017

Client: Huff & Huff, Inc.

Client Sample ID: 2597V-7-01 (0-4)

Work Order: 17080682 Revision 0

Tag Number:

Project: 81.0220509.08, 2597V-IL 53 at Hick Road, Long Gr Collection Date: 8/18/2017 9:49:00 AM

Lab ID: 17080682-011B

Matrix: Soil

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

Semivolatile Organic Compounds by GC/MS	SW8270C (SW3550B)	Prep Date: 8/24/2017			Analyst: DM
---	-------------------	----------------------	--	--	-------------

Acenaphthene	ND	0.039		mg/Kg-dry	1	8/24/2017
Acenaphthylene	ND	0.039		mg/Kg-dry	1	8/24/2017
Aniline	ND	0.40		mg/Kg-dry	1	8/24/2017
Anthracene	ND	0.039		mg/Kg-dry	1	8/24/2017
Benz(a)anthracene	ND	0.039		mg/Kg-dry	1	8/24/2017
Benzidine	ND	0.39		mg/Kg-dry	1	8/24/2017
Benzo(a)pyrene	ND	0.039		mg/Kg-dry	1	8/24/2017
Benzo(b)fluoranthene	0.044	0.039		mg/Kg-dry	1	8/24/2017
Benzo(g,h,i)perylene	ND	0.039		mg/Kg-dry	1	8/24/2017
Benzo(k)fluoranthene	ND	0.039		mg/Kg-dry	1	8/24/2017
Benzoic acid	ND	0.99		mg/Kg-dry	1	8/24/2017
Benzyl alcohol	ND	0.20		mg/Kg-dry	1	8/24/2017
Bis(2-chloroethoxy)methane	ND	0.20		mg/Kg-dry	1	8/24/2017
Bis(2-chloroethyl)ether	ND	0.20		mg/Kg-dry	1	8/24/2017
Bis(2-ethylhexyl)phthalate	ND	0.99		mg/Kg-dry	1	8/24/2017
4-Bromophenyl phenyl ether	ND	0.20		mg/Kg-dry	1	8/24/2017
Butyl benzyl phthalate	ND	0.20		mg/Kg-dry	1	8/24/2017
Carbazole	ND	0.20		mg/Kg-dry	1	8/24/2017
4-Chloroaniline	ND	0.20		mg/Kg-dry	1	8/24/2017
4-Chloro-3-methylphenol	ND	0.39		mg/Kg-dry	1	8/24/2017
2-Chloronaphthalene	ND	0.20		mg/Kg-dry	1	8/24/2017
2-Chlorophenol	ND	0.20		mg/Kg-dry	1	8/24/2017
4-Chlorophenyl phenyl ether	ND	0.20		mg/Kg-dry	1	8/24/2017
Chrysene	ND	0.039		mg/Kg-dry	1	8/24/2017
Dibenz(a,h)anthracene	ND	0.039		mg/Kg-dry	1	8/24/2017
Dibenzofuran	ND	0.20		mg/Kg-dry	1	8/24/2017
1,2-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	8/24/2017
1,3-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	8/24/2017
1,4-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	8/24/2017
3,3'-Dichlorobenzidine	ND	0.20		mg/Kg-dry	1	8/24/2017
2,4-Dichlorophenol	ND	0.20		mg/Kg-dry	1	8/24/2017
Diethyl phthalate	ND	0.20		mg/Kg-dry	1	8/24/2017
2,4-Dimethylphenol	ND	0.20		mg/Kg-dry	1	8/24/2017
Dimethyl phthalate	ND	0.20		mg/Kg-dry	1	8/24/2017
4,6-Dinitro-2-methylphenol	ND	0.39		mg/Kg-dry	1	8/24/2017
2,4-Dinitrophenol	ND	0.99		mg/Kg-dry	1	8/24/2017
2,4-Dinitrotoluene	ND	0.039		mg/Kg-dry	1	8/24/2017
2,6-Dinitrotoluene	ND	0.039		mg/Kg-dry	1	8/24/2017

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

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

STAT Analysis Corporation

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

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

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

Report Date: August 30, 2017

Print Date: August 30, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2597V-7-01 (0-4)

Work Order: 17080682 Revision 0

Tag Number:

Project: 81.0220509.08, 2597V-IL 53 at Hick Road, Long Gr Collection Date: 8/18/2017 9:49:00 AM

Lab ID: 17080682-011B

Matrix: Soil

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

Semivolatile Organic Compounds by GC/MS	SW8270C (SW3550B)	Prep Date: 8/24/2017			Analyst: DM
---	-------------------	----------------------	--	--	-------------

Di-n-butyl phthalate	ND	0.20		mg/Kg-dry	1	8/24/2017
Di-n-octyl phthalate	ND	0.20		mg/Kg-dry	1	8/24/2017
Fluoranthene	0.053	0.039		mg/Kg-dry	1	8/24/2017
Fluorene	ND	0.039		mg/Kg-dry	1	8/24/2017
Hexachlorobenzene	ND	0.20		mg/Kg-dry	1	8/24/2017
Hexachlorobutadiene	ND	0.20		mg/Kg-dry	1	8/24/2017
Hexachlorocyclopentadiene	ND	0.20		mg/Kg-dry	1	8/24/2017
Hexachloroethane	ND	0.20		mg/Kg-dry	1	8/24/2017
Indeno(1,2,3-cd)pyrene	ND	0.039		mg/Kg-dry	1	8/24/2017
Isophorone	ND	0.20		mg/Kg-dry	1	8/24/2017
2-Methylnaphthalene	ND	0.20		mg/Kg-dry	1	8/24/2017
2-Methylphenol	ND	0.20		mg/Kg-dry	1	8/24/2017
4-Methylphenol	ND	0.20		mg/Kg-dry	1	8/24/2017
Naphthalene	ND	0.039		mg/Kg-dry	1	8/24/2017
2-Nitroaniline	ND	0.20		mg/Kg-dry	1	8/24/2017
3-Nitroaniline	ND	0.20		mg/Kg-dry	1	8/24/2017
4-Nitroaniline	ND	0.20		mg/Kg-dry	1	8/24/2017
2-Nitrophenol	ND	0.20		mg/Kg-dry	1	8/24/2017
4-Nitrophenol	ND	0.39		mg/Kg-dry	1	8/24/2017
Nitrobenzene	ND	0.039		mg/Kg-dry	1	8/24/2017
N-Nitrosodi-n-propylamine	ND	0.039		mg/Kg-dry	1	8/24/2017
N-Nitrosodimethylamine	ND	0.20		mg/Kg-dry	1	8/24/2017
N-Nitrosodiphenylamine	ND	0.20		mg/Kg-dry	1	8/24/2017
2, 2'-oxybis(1-Chloropropane)	ND	0.20		mg/Kg-dry	1	8/24/2017
Pentachlorophenol	ND	0.080		mg/Kg-dry	1	8/24/2017
Phenanthrene	ND	0.039		mg/Kg-dry	1	8/24/2017
Phenol	ND	0.20		mg/Kg-dry	1	8/24/2017
Pyrene	0.045	0.039		mg/Kg-dry	1	8/24/2017
Pyridine	ND	0.80		mg/Kg-dry	1	8/24/2017
1,2,4-Trichlorobenzene	ND	0.20		mg/Kg-dry	1	8/24/2017
2,4,5-Trichlorophenol	ND	0.20		mg/Kg-dry	1	8/24/2017
2,4,6-Trichlorophenol	ND	0.20		mg/Kg-dry	1	8/24/2017

Metals by ICP/MS	SW6020 (SW3050B)	Prep Date: 8/23/2017			Analyst: JG
------------------	------------------	----------------------	--	--	-------------

Antimony	ND	2.1		mg/Kg-dry	10	8/23/2017
Arsenic	9.0	1.1		mg/Kg-dry	10	8/23/2017
Barium	61	1.1		mg/Kg-dry	10	8/23/2017
Beryllium	ND	0.53		mg/Kg-dry	10	8/23/2017
Cadmium	0.65	0.53		mg/Kg-dry	10	8/23/2017

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

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

STAT Analysis Corporation

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

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

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

Report Date: August 30, 2017

ANALYTICAL RESULTS

Print Date: August 30, 2017

Client: Huff & Huff, Inc.

Client Sample ID: 2597V-7-01 (0-4)

Work Order: 17080682 Revision 0

Tag Number:

Project: 81.0220509.08, 2597V-IL 53 at Hick Road, Long Gr Collection Date: 8/18/2017 9:49:00 AM

Lab ID: 17080682-011B

Matrix: Soil

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

Metals by ICP/MS

SW6020 (SW3050B)

Prep Date: 8/23/2017

Analyst: JG

Calcium	45000	64		mg/Kg-dry	10	8/23/2017
Chromium	25	1.1		mg/Kg-dry	10	8/23/2017
Cobalt	11	1.1		mg/Kg-dry	10	8/23/2017
Copper	29	2.7		mg/Kg-dry	10	8/23/2017
Iron	21000	32		mg/Kg-dry	10	8/23/2017
Lead	210	0.53		mg/Kg-dry	10	8/23/2017
Magnesium	27000	32		mg/Kg-dry	10	8/23/2017
Manganese	800	1.1		mg/Kg-dry	10	8/23/2017
Nickel	22	1.1		mg/Kg-dry	10	8/23/2017
Potassium	1200	32		mg/Kg-dry	10	8/23/2017
Selenium	ND	1.1		mg/Kg-dry	10	8/23/2017
Silver	ND	1.1		mg/Kg-dry	10	8/23/2017
Sodium	410	64		mg/Kg-dry	10	8/23/2017
Thallium	ND	1.1		mg/Kg-dry	10	8/23/2017
Vanadium	23	1.1		mg/Kg-dry	10	8/23/2017
Zinc	120	5.3		mg/Kg-dry	10	8/23/2017

SPLP Metals by ICP/MS

SW1312/6020 (SW3005A)

Prep Date: 8/22/2017

Analyst: JG

Arsenic	ND	0.0040		mg/L	2	8/23/2017
Barium	0.030	0.020		mg/L	2	8/23/2017
Beryllium	ND	0.0020		mg/L	2	8/23/2017
Cadmium	ND	0.0020		mg/L	2	8/23/2017
Chromium	0.0096	0.0040		mg/L	2	8/23/2017
Cobalt	ND	0.0040		mg/L	2	8/23/2017
Copper	ND	0.040		mg/L	2	8/23/2017
Iron	8.1	0.10		mg/L	2	8/23/2017
Lead	0.014	0.0020		mg/L	2	8/23/2017
Manganese	0.11	0.0040		mg/L	2	8/23/2017
Nickel	0.011	0.0040		mg/L	2	8/23/2017
Selenium	ND	0.0040		mg/L	2	8/23/2017
Silver	ND	0.0040		mg/L	2	8/23/2017
Zinc	0.034	0.020		mg/L	2	8/23/2017

TCLP Metals by ICP/MS

SW1311/6020 (SW3005A)

Prep Date: 8/24/2017

Analyst: JG

Arsenic	ND	0.010		mg/L	5	8/24/2017
Barium	0.27	0.050		mg/L	5	8/24/2017
Beryllium	ND	0.0050		mg/L	5	8/24/2017
Cadmium	ND	0.0050		mg/L	5	8/25/2017
Chromium	ND	0.010		mg/L	5	8/24/2017

Qualifiers:

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

* - Non-accredited parameter

H - Holding time exceeded

STAT Analysis Corporation

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

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

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

Report Date: August 30, 2017

Print Date: August 30, 2017

ANALYTICAL RESULTS

Client: Huff & Huff, Inc.

Client Sample ID: 2597V-7-01 (0-4)

Work Order: 17080682 Revision 0

Tag Number:

Project: 81.0220509.08, 2597V-IL 53 at Hick Road, Long Gr Collection Date: 8/18/2017 9:49:00 AM

Lab ID: 17080682-011B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
TCLP Metals by ICP/MS	SW1311/6020 (SW3005A)		Prep Date: 8/24/2017		Analyst: JG	
Cobalt	ND	0.010		mg/L	5	8/24/2017
Copper	ND	0.10		mg/L	5	8/24/2017
Iron	ND	0.25		mg/L	5	8/24/2017
Lead	0.0069	0.0050		mg/L	5	8/24/2017
Manganese	0.23	0.010		mg/L	5	8/24/2017
Nickel	ND	0.010		mg/L	5	8/24/2017
Selenium	ND	0.010		mg/L	5	8/24/2017
Silver	ND	0.010		mg/L	5	8/24/2017
Zinc	0.11	0.050		mg/L	5	8/24/2017
TCLP Mercury	SW1311/7470A		Prep Date: 8/23/2017		Analyst: LB	
Mercury	ND	0.00020		mg/L	1	8/24/2017
SPLP Mercury	SW1312/7470A		Prep Date: 8/22/2017		Analyst: LB	
Mercury	ND	0.00020		mg/L	1	8/23/2017
Mercury	SW7471A		Prep Date: 8/22/2017		Analyst: LB	
Mercury	0.040	0.018		mg/Kg-dry	1	8/22/2017
pH (25 °C)	SW9045C		Prep Date: 8/24/2017		Analyst: RW	
pH	7.97			pH Units	1	8/24/2017
Percent Moisture	D2974		Prep Date: 8/21/2017		Analyst: KKA	
Percent Moisture	16.4	0.2	*	wt%	1	8/22/2017

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

HT - Sample received past holding time

* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

H - Holding time exceeded

STAT Analysis Corporation

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

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

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

Report Date: August 30, 2017

ANALYTICAL RESULTS

Print Date: August 30, 2017

Client: Huff & Huff, Inc.

Client Sample ID: 2597V-7-02 (0-4)

Work Order: 17080682 Revision 0

Tag Number:

Project: 81.0220509.08, 2597V-IL 53 at Hick Road, Long Gr Collection Date: 8/18/2017 9:53:00 AM

Lab ID: 17080682-023A

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS	SW5035/8260B		Prep Date: 8/22/2017		Analyst: ERP	
Acetone	ND	0.084		mg/Kg-dry	1	8/24/2017
Benzene	ND	0.0056		mg/Kg-dry	1	8/24/2017
Bromodichloromethane	ND	0.0056		mg/Kg-dry	1	8/24/2017
Bromoform	ND	0.0056		mg/Kg-dry	1	8/24/2017
Bromomethane	ND	0.011		mg/Kg-dry	1	8/24/2017
2-Butanone	ND	0.084		mg/Kg-dry	1	8/24/2017
Carbon disulfide	ND	0.056		mg/Kg-dry	1	8/24/2017
Carbon tetrachloride	ND	0.0056		mg/Kg-dry	1	8/24/2017
Chlorobenzene	ND	0.0056		mg/Kg-dry	1	8/24/2017
Chloroethane	ND	0.011		mg/Kg-dry	1	8/24/2017
Chloroform	ND	0.0056		mg/Kg-dry	1	8/24/2017
Chloromethane	ND	0.011		mg/Kg-dry	1	8/24/2017
Dibromochloromethane	ND	0.0056		mg/Kg-dry	1	8/24/2017
1,1-Dichloroethane	ND	0.0056		mg/Kg-dry	1	8/24/2017
1,2-Dichloroethane	ND	0.0056		mg/Kg-dry	1	8/24/2017
1,1-Dichloroethene	ND	0.0056		mg/Kg-dry	1	8/24/2017
cis-1,2-Dichloroethene	ND	0.0056		mg/Kg-dry	1	8/24/2017
trans-1,2-Dichloroethene	ND	0.0056		mg/Kg-dry	1	8/24/2017
1,2-Dichloropropane	ND	0.0056		mg/Kg-dry	1	8/24/2017
cis-1,3-Dichloropropene	ND	0.0022		mg/Kg-dry	1	8/24/2017
trans-1,3-Dichloropropene	ND	0.0022		mg/Kg-dry	1	8/24/2017
Ethylbenzene	ND	0.0056		mg/Kg-dry	1	8/24/2017
2-Hexanone	ND	0.022		mg/Kg-dry	1	8/24/2017
4-Methyl-2-pentanone	ND	0.022		mg/Kg-dry	1	8/24/2017
Methylene chloride	ND	0.011		mg/Kg-dry	1	8/24/2017
Methyl tert-butyl ether	ND	0.0056		mg/Kg-dry	1	8/24/2017
Styrene	ND	0.0056		mg/Kg-dry	1	8/24/2017
1,1,2,2-Tetrachloroethane	ND	0.0056		mg/Kg-dry	1	8/24/2017
Tetrachloroethene	ND	0.0056		mg/Kg-dry	1	8/24/2017
Toluene	ND	0.0056		mg/Kg-dry	1	8/24/2017
1,1,1-Trichloroethane	ND	0.0056		mg/Kg-dry	1	8/24/2017
1,1,2-Trichloroethane	ND	0.0056		mg/Kg-dry	1	8/24/2017
Trichloroethene	ND	0.0056		mg/Kg-dry	1	8/24/2017
Vinyl chloride	ND	0.0056		mg/Kg-dry	1	8/24/2017
Xylenes, Total	ND	0.017		mg/Kg-dry	1	8/24/2017

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

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

STAT Analysis Corporation

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

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

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

Report Date: August 30, 2017

ANALYTICAL RESULTS

Print Date: August 30, 2017

Client: Huff & Huff, Inc.

Client Sample ID: 2597V-7-02 (0-4)

Work Order: 17080682 Revision 0

Tag Number:

Project: 81.0220509.08, 2597V-IL 53 at Hick Road, Long Gr Collection Date: 8/18/2017 9:53:00 AM

Lab ID: 17080682-023B

Matrix: Soil

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

Semivolatile Organic Compounds by GC/MS	SW8270C (SW3550B)	Prep Date: 8/24/2017			Analyst: DM
---	-------------------	----------------------	--	--	-------------

Acenaphthene	ND	0.041		mg/Kg-dry	1	8/25/2017
Acenaphthylene	ND	0.041		mg/Kg-dry	1	8/25/2017
Aniline	ND	0.42		mg/Kg-dry	1	8/25/2017
Anthracene	ND	0.041		mg/Kg-dry	1	8/25/2017
Benz(a)anthracene	ND	0.041		mg/Kg-dry	1	8/25/2017
Benzidine	ND	0.41		mg/Kg-dry	1	8/25/2017
Benzo(a)pyrene	ND	0.041		mg/Kg-dry	1	8/25/2017
Benzo(b)fluoranthene	ND	0.041		mg/Kg-dry	1	8/25/2017
Benzo(g,h,i)perylene	ND	0.041		mg/Kg-dry	1	8/25/2017
Benzo(k)fluoranthene	ND	0.041		mg/Kg-dry	1	8/25/2017
Benzoic acid	ND	1.0		mg/Kg-dry	1	8/25/2017
Benzyl alcohol	ND	0.21		mg/Kg-dry	1	8/25/2017
Bis(2-chloroethoxy)methane	ND	0.21		mg/Kg-dry	1	8/25/2017
Bis(2-chloroethyl)ether	ND	0.21		mg/Kg-dry	1	8/25/2017
Bis(2-ethylhexyl)phthalate	ND	1.0		mg/Kg-dry	1	8/25/2017
4-Bromophenyl phenyl ether	ND	0.21		mg/Kg-dry	1	8/25/2017
Butyl benzyl phthalate	ND	0.21		mg/Kg-dry	1	8/25/2017
Carbazole	ND	0.21		mg/Kg-dry	1	8/25/2017
4-Chloroaniline	ND	0.21		mg/Kg-dry	1	8/25/2017
4-Chloro-3-methylphenol	ND	0.41		mg/Kg-dry	1	8/25/2017
2-Chloronaphthalene	ND	0.21		mg/Kg-dry	1	8/25/2017
2-Chlorophenol	ND	0.21		mg/Kg-dry	1	8/25/2017
4-Chlorophenyl phenyl ether	ND	0.21		mg/Kg-dry	1	8/25/2017
Chrysene	ND	0.041		mg/Kg-dry	1	8/25/2017
Dibenz(a,h)anthracene	ND	0.041		mg/Kg-dry	1	8/25/2017
Dibenzofuran	ND	0.21		mg/Kg-dry	1	8/25/2017
1,2-Dichlorobenzene	ND	0.21		mg/Kg-dry	1	8/25/2017
1,3-Dichlorobenzene	ND	0.21		mg/Kg-dry	1	8/25/2017
1,4-Dichlorobenzene	ND	0.21		mg/Kg-dry	1	8/25/2017
3,3'-Dichlorobenzidine	ND	0.21		mg/Kg-dry	1	8/25/2017
2,4-Dichlorophenol	ND	0.21		mg/Kg-dry	1	8/25/2017
Diethyl phthalate	ND	0.21		mg/Kg-dry	1	8/25/2017
2,4-Dimethylphenol	ND	0.21		mg/Kg-dry	1	8/25/2017
Dimethyl phthalate	ND	0.21		mg/Kg-dry	1	8/25/2017
4,6-Dinitro-2-methylphenol	ND	0.41		mg/Kg-dry	1	8/25/2017
2,4-Dinitrophenol	ND	1.0		mg/Kg-dry	1	8/25/2017
2,4-Dinitrotoluene	ND	0.041		mg/Kg-dry	1	8/25/2017
2,6-Dinitrotoluene	ND	0.041		mg/Kg-dry	1	8/25/2017

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

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

STAT Analysis Corporation

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

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

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

Report Date: August 30, 2017

ANALYTICAL RESULTS

Print Date: August 30, 2017

Client: Huff & Huff, Inc.

Client Sample ID: 2597V-7-02 (0-4)

Work Order: 17080682 Revision 0

Tag Number:

Project: 81.0220509.08, 2597V-IL 53 at Hick Road, Long Gr Collection Date: 8/18/2017 9:53:00 AM

Lab ID: 17080682-023B

Matrix: Soil

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

Semivolatile Organic Compounds by GC/MS SW8270C (SW3550B) Prep Date: 8/24/2017 Analyst: DM

Di-n-butyl phthalate	ND	0.21		mg/Kg-dry	1	8/25/2017
Di-n-octyl phthalate	ND	0.21		mg/Kg-dry	1	8/25/2017
Fluoranthene	0.055	0.041		mg/Kg-dry	1	8/25/2017
Fluorene	ND	0.041		mg/Kg-dry	1	8/25/2017
Hexachlorobenzene	ND	0.21		mg/Kg-dry	1	8/25/2017
Hexachlorobutadiene	ND	0.21		mg/Kg-dry	1	8/25/2017
Hexachlorocyclopentadiene	ND	0.21		mg/Kg-dry	1	8/25/2017
Hexachloroethane	ND	0.21		mg/Kg-dry	1	8/25/2017
Indeno(1,2,3-cd)pyrene	ND	0.041		mg/Kg-dry	1	8/25/2017
Isophorone	ND	0.21		mg/Kg-dry	1	8/25/2017
2-Methylnaphthalene	ND	0.21		mg/Kg-dry	1	8/25/2017
2-Methylphenol	ND	0.21		mg/Kg-dry	1	8/25/2017
4-Methylphenol	ND	0.21		mg/Kg-dry	1	8/25/2017
Naphthalene	ND	0.041		mg/Kg-dry	1	8/25/2017
2-Nitroaniline	ND	0.21		mg/Kg-dry	1	8/25/2017
3-Nitroaniline	ND	0.21		mg/Kg-dry	1	8/25/2017
4-Nitroaniline	ND	0.21		mg/Kg-dry	1	8/25/2017
2-Nitrophenol	ND	0.21		mg/Kg-dry	1	8/25/2017
4-Nitrophenol	ND	0.41		mg/Kg-dry	1	8/25/2017
Nitrobenzene	ND	0.041		mg/Kg-dry	1	8/25/2017
N-Nitrosodi-n-propylamine	ND	0.041		mg/Kg-dry	1	8/25/2017
N-Nitrosodimethylamine	ND	0.21		mg/Kg-dry	1	8/25/2017
N-Nitrosodiphenylamine	ND	0.21		mg/Kg-dry	1	8/25/2017
2, 2'-oxybis(1-Chloropropane)	ND	0.21		mg/Kg-dry	1	8/25/2017
Pentachlorophenol	ND	0.084		mg/Kg-dry	1	8/25/2017
Phenanthrene	ND	0.041		mg/Kg-dry	1	8/25/2017
Phenol	ND	0.21		mg/Kg-dry	1	8/25/2017
Pyrene	0.060	0.041		mg/Kg-dry	1	8/25/2017
Pyridine	ND	0.84		mg/Kg-dry	1	8/25/2017
1,2,4-Trichlorobenzene	ND	0.21		mg/Kg-dry	1	8/25/2017
2,4,5-Trichlorophenol	ND	0.21		mg/Kg-dry	1	8/25/2017
2,4,6-Trichlorophenol	ND	0.21		mg/Kg-dry	1	8/25/2017

Metals by ICP/MS SW6020 (SW3050B) Prep Date: 8/23/2017 Analyst: JG

Antimony	ND	2.3		mg/Kg-dry	10	8/24/2017
Arsenic	9.0	1.1		mg/Kg-dry	10	8/24/2017
Barium	120	1.1		mg/Kg-dry	10	8/24/2017
Beryllium	0.72	0.56		mg/Kg-dry	10	8/24/2017
Cadmium	ND	0.56		mg/Kg-dry	10	8/24/2017

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

STAT Analysis Corporation

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

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

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

Report Date: August 30, 2017

ANALYTICAL RESULTS

Print Date: August 30, 2017

Client: Huff & Huff, Inc.

Client Sample ID: 2597V-7-02 (0-4)

Work Order: 17080682 Revision 0

Tag Number:

Project: 81.0220509.08, 2597V-IL 53 at Hick Road, Long Gr Collection Date: 8/18/2017 9:53:00 AM

Lab ID: 17080682-023B

Matrix: Soil

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

Metals by ICP/MS

SW6020 (SW3050B)

Prep Date: 8/23/2017

Analyst: JG

Calcium	17000	68		mg/Kg-dry	10	8/24/2017
Chromium	23	1.1		mg/Kg-dry	10	8/24/2017
Cobalt	13	1.1		mg/Kg-dry	10	8/24/2017
Copper	28	2.8		mg/Kg-dry	10	8/24/2017
Iron	24000	34		mg/Kg-dry	10	8/24/2017
Lead	95	0.56		mg/Kg-dry	10	8/24/2017
Magnesium	10000	34		mg/Kg-dry	10	8/24/2017
Manganese	690	1.1		mg/Kg-dry	10	8/24/2017
Nickel	26	1.1		mg/Kg-dry	10	8/24/2017
Potassium	1600	34		mg/Kg-dry	10	8/24/2017
Selenium	ND	1.1		mg/Kg-dry	10	8/24/2017
Silver	ND	1.1		mg/Kg-dry	10	8/24/2017
Sodium	2200	68		mg/Kg-dry	10	8/24/2017
Thallium	ND	1.1		mg/Kg-dry	10	8/24/2017
Vanadium	28	1.1		mg/Kg-dry	10	8/24/2017
Zinc	76	5.6		mg/Kg-dry	10	8/24/2017

SPLP Metals by ICP/MS

SW1312/6020 (SW3005A)

Prep Date: 8/22/2017

Analyst: JG

Arsenic	ND	0.0040		mg/L	2	8/23/2017
Barium	ND	0.020		mg/L	2	8/23/2017
Beryllium	ND	0.0020		mg/L	2	8/23/2017
Cadmium	ND	0.0020		mg/L	2	8/23/2017
Chromium	0.0046	0.0040		mg/L	2	8/23/2017
Cobalt	ND	0.0040		mg/L	2	8/23/2017
Copper	ND	0.040		mg/L	2	8/23/2017
Iron	2.1	0.10		mg/L	2	8/23/2017
Lead	0.0025	0.0020		mg/L	2	8/23/2017
Manganese	0.020	0.0040		mg/L	2	8/23/2017
Nickel	0.0070	0.0040		mg/L	2	8/23/2017
Selenium	ND	0.0040		mg/L	2	8/23/2017
Silver	ND	0.0040		mg/L	2	8/23/2017
Zinc	ND	0.020		mg/L	2	8/23/2017

TCLP Metals by ICP/MS

SW1311/6020 (SW3005A)

Prep Date: 8/23/2017

Analyst: JG

Arsenic	ND	0.010		mg/L	5	8/25/2017
Barium	0.61	0.050		mg/L	5	8/25/2017
Beryllium	ND	0.0050		mg/L	5	8/25/2017
Cadmium	ND	0.0050		mg/L	5	8/25/2017
Chromium	ND	0.010		mg/L	5	8/25/2017

Qualifiers:

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

* - Non-accredited parameter

H - Holding time exceeded

STAT Analysis Corporation

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

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

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

Report Date: August 30, 2017

ANALYTICAL RESULTS

Print Date: August 30, 2017

Client: Huff & Huff, Inc.

Client Sample ID: 2597V-7-02 (0-4)

Work Order: 17080682 Revision 0

Tag Number:

Project: 81.0220509.08, 2597V-IL 53 at Hick Road, Long Gr Collection Date: 8/18/2017 9:53:00 AM

Lab ID: 17080682-023B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
TCLP Metals by ICP/MS	SW1311/6020 (SW3005A)		Prep Date: 8/23/2017		Analyst: JG	
Cobalt	0.041	0.010		mg/L	5	8/25/2017
Copper	ND	0.10		mg/L	5	8/25/2017
Iron	0.38	0.25		mg/L	5	8/25/2017
Lead	0.010	0.0050		mg/L	5	8/25/2017
Manganese	18	0.010		mg/L	5	8/25/2017
Nickel	0.023	0.010		mg/L	5	8/25/2017
Selenium	ND	0.010		mg/L	5	8/25/2017
Silver	ND	0.010		mg/L	5	8/25/2017
Zinc	0.12	0.050		mg/L	5	8/25/2017
TCLP Mercury	SW1311/7470A		Prep Date: 8/23/2017		Analyst: LB	
Mercury	ND	0.00020		mg/L	1	8/23/2017
SPLP Mercury	SW1312/7470A		Prep Date: 8/22/2017		Analyst: LB	
Mercury	ND	0.00025		mg/L	1	8/23/2017
Mercury	SW7471A		Prep Date: 8/22/2017		Analyst: LB	
Mercury	0.027	0.022		mg/Kg-dry	1	8/23/2017
pH (25 °C)	SW9045C		Prep Date: 8/24/2017		Analyst: RW	
pH	7.52			pH Units	1	8/24/2017
Percent Moisture	D2974		Prep Date: 8/21/2017		Analyst: KKA	
Percent Moisture	21.1	0.2	*	wt%	1	8/22/2017

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

HT - Sample received past holding time

* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

H - Holding time exceeded



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

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

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

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

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

I. Source Location Information

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

Project Name: FAU 1261 / IL Route 53 at Old Hicks Road Office Phone Number, if available: _____

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

2597V-10 (2307-2309 Old Hicks Road; 2222-2233 Shiloh Drive)

City: Long Grove State: IL Zip Code: 60049

County: Lake Township: T43N / Vernon

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

Latitude: 42.170149 Longitude: -88.018989

(Decimal Degrees) (-Decimal Degrees)

Identify how the lat/long data were determined:

GPS Map Interpolation Photo Interpolation Survey Other

ISGS Public Land Survey System - Approximate Center of multiple addresses

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

II. Owner/Operator Information for Source Site

Site Owner

Site Operator

Name: Illinois Dept. of Transportation, District 1

Name: Illinois Dept. of Transportation, District 1

Street Address: 201 W Center Court

Street Address: 201 W Center Court

PO Box: _____

PO Box: _____

City: Schaumburg State: IL

City: Schaumburg State: IL

Zip Code: 60196 Phone: 847-705-4101

Zip Code: 60196 Phone: 847-705-4101

Contact: Sam Mead

Contact: Sam Mead

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

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

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

Project Name: FAU 1261 / IL Route 53 at Old Hicks Road

Latitude: 42.170149 Longitude: -88.018989

Uncontaminated Site Certification

III. Basis for Certification and Attachments

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

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

Refer to Figure 4-1.2 in the Final PSI Report and borings 2597V-10-01 (Sta 500 to 501+50); 2597V-10-11 and 10-12 (Sta 510 +50 to 512+50).

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

Refer to Tables 4-2 and 4-3 in the Final PSI Report for results summary and STAT Laboratory Report #17080682 and #17080741. 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.

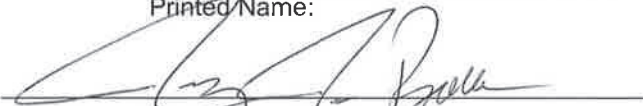
Street Address: 915 Harger Road, Suite 330

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:

September 22, 2017

Date:



LPC-663 Results Table for Sites 2597V-10-01, 10-11, and 10-12
Soils for Unrestricted Reuse or Disposal Including CCDD/USFO Facilities

Boring ID	2597V-10-01	2597V-10-11	2597V-10-12	Soil Reference Concentrations ^{a/}
Sample Depth, ft	0-4	0-4	0-4	
Sample Date	8/21/2017	8/21/2017	8/21/2017	
Excavation Area(s) [ISGS Site No.(s)]	2597V-10	2597V-10	2597V-10	
Parameter				
Laboratory soil pH (s.u.)	8.3	8.28	8.39	<6.25, >9.0
VOCs (mg/kg)	NO EXCEEDANCES			
SVOCs, mg/kg	NO EXCEEDANCES			
Total Metals, mg/kg				
Arsenic	8.7	9.1	11	11.3 / 13
Chromium	20	24	29	21
Cobalt	13	12	13	20
Iron	24000	29000	37000	15,000 / 15,900
Manganese	1000	500	510	630 / 636
TCLP Metals, mg/L				Class I Groundwater ^{c/}
Cadmium	< 0.0050	< 0.0050	< 0.0050	0.005
Iron	< 0.25	< 0.25	1.5	5
Lead	< 0.0050	< 0.0050	0.015	0.0075
Manganese	0.59	2.1	11	0.15
Nickel	< 0.010	0.020	0.090	0.1
SPLP Metals, mg/L				
Iron	3.7	12	11	5
Lead	0.0051	0.0036	0.0056	0.0075
Manganese	0.030	0.045	0.075	0.15

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

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

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.

^{c/} Soil Remediation Objective for the Groundwater Component of the Groundwater Ingestion Route, Class I Groundwater

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

Report Date: August 30, 2017

ANALYTICAL RESULTS

Print Date: August 30, 2017

Client: Huff & Huff, Inc.

Client Sample ID: 2597V-10-01 (0-4)

Work Order: 17080741 Revision 0

Tag Number:

Project: 81.0220509.08, 2597V-IL 53 at Hicks Road, Long

Collection Date: 8/21/2017 9:15:00 AM

Lab ID: 17080741-001A

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS	SW5035/8260B		Prep Date: 8/22/2017		Analyst: ERP	
Acetone	ND	0.069		mg/Kg-dry	1	8/25/2017
Benzene	ND	0.0046		mg/Kg-dry	1	8/25/2017
Bromodichloromethane	ND	0.0046		mg/Kg-dry	1	8/25/2017
Bromoform	ND	0.0046		mg/Kg-dry	1	8/25/2017
Bromomethane	ND	0.0091		mg/Kg-dry	1	8/25/2017
2-Butanone	ND	0.069		mg/Kg-dry	1	8/25/2017
Carbon disulfide	ND	0.046		mg/Kg-dry	1	8/25/2017
Carbon tetrachloride	ND	0.0046		mg/Kg-dry	1	8/25/2017
Chlorobenzene	ND	0.0046		mg/Kg-dry	1	8/25/2017
Chloroethane	ND	0.0091		mg/Kg-dry	1	8/25/2017
Chloroform	ND	0.0046		mg/Kg-dry	1	8/25/2017
Chloromethane	ND	0.0091		mg/Kg-dry	1	8/25/2017
Dibromochloromethane	ND	0.0046		mg/Kg-dry	1	8/25/2017
1,1-Dichloroethane	ND	0.0046		mg/Kg-dry	1	8/25/2017
1,2-Dichloroethane	ND	0.0046		mg/Kg-dry	1	8/25/2017
1,1-Dichloroethene	ND	0.0046		mg/Kg-dry	1	8/25/2017
cis-1,2-Dichloroethene	ND	0.0046		mg/Kg-dry	1	8/25/2017
trans-1,2-Dichloroethene	ND	0.0046		mg/Kg-dry	1	8/25/2017
1,2-Dichloropropane	ND	0.0046		mg/Kg-dry	1	8/25/2017
cis-1,3-Dichloropropene	ND	0.0018		mg/Kg-dry	1	8/25/2017
trans-1,3-Dichloropropene	ND	0.0018		mg/Kg-dry	1	8/25/2017
Ethylbenzene	ND	0.0046		mg/Kg-dry	1	8/25/2017
2-Hexanone	ND	0.018		mg/Kg-dry	1	8/25/2017
4-Methyl-2-pentanone	ND	0.018		mg/Kg-dry	1	8/25/2017
Methylene chloride	ND	0.0091		mg/Kg-dry	1	8/25/2017
Methyl tert-butyl ether	ND	0.0046		mg/Kg-dry	1	8/25/2017
Styrene	ND	0.0046		mg/Kg-dry	1	8/25/2017
1,1,2,2-Tetrachloroethane	ND	0.0046		mg/Kg-dry	1	8/25/2017
Tetrachloroethene	ND	0.0046		mg/Kg-dry	1	8/25/2017
Toluene	ND	0.0046		mg/Kg-dry	1	8/25/2017
1,1,1-Trichloroethane	ND	0.0046		mg/Kg-dry	1	8/25/2017
1,1,2-Trichloroethane	ND	0.0046		mg/Kg-dry	1	8/25/2017
Trichloroethene	ND	0.0046		mg/Kg-dry	1	8/25/2017
Vinyl chloride	ND	0.0046		mg/Kg-dry	1	8/25/2017
Xylenes, Total	ND	0.013		mg/Kg-dry	1	8/25/2017

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

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

STAT Analysis Corporation

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

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

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

Report Date: August 30, 2017

ANALYTICAL RESULTS

Print Date: August 30, 2017

Client: Huff & Huff, Inc.

Client Sample ID: 2597V-10-01 (0-4)

Work Order: 17080741 Revision 0

Tag Number:

Project: 81.0220509.08, 2597V-IL 53 at Hicks Road, Long

Collection Date: 8/21/2017 9:15:00 AM

Lab ID: 17080741-001B

Matrix: Soil

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

Semivolatile Organic Compounds by GC/MS	SW8270C (SW3550B)	Prep Date: 8/24/2017			Analyst: DM
---	-------------------	----------------------	--	--	-------------

Acenaphthene	ND	0.039		mg/Kg-dry	1	8/25/2017
Acenaphthylene	ND	0.039		mg/Kg-dry	1	8/25/2017
Aniline	ND	0.40		mg/Kg-dry	1	8/25/2017
Anthracene	ND	0.039		mg/Kg-dry	1	8/25/2017
Benz(a)anthracene	ND	0.039		mg/Kg-dry	1	8/25/2017
Benzidine	ND	0.39		mg/Kg-dry	1	8/25/2017
Benzo(a)pyrene	ND	0.039		mg/Kg-dry	1	8/25/2017
Benzo(b)fluoranthene	ND	0.039		mg/Kg-dry	1	8/25/2017
Benzo(g,h,i)perylene	ND	0.039		mg/Kg-dry	1	8/25/2017
Benzo(k)fluoranthene	ND	0.039		mg/Kg-dry	1	8/25/2017
Benzoic acid	ND	0.99		mg/Kg-dry	1	8/25/2017
Benzyl alcohol	ND	0.20		mg/Kg-dry	1	8/25/2017
Bis(2-chloroethoxy)methane	ND	0.20		mg/Kg-dry	1	8/25/2017
Bis(2-chloroethyl)ether	ND	0.20		mg/Kg-dry	1	8/25/2017
Bis(2-ethylhexyl)phthalate	ND	0.99		mg/Kg-dry	1	8/25/2017
4-Bromophenyl phenyl ether	ND	0.20		mg/Kg-dry	1	8/25/2017
Butyl benzyl phthalate	ND	0.20		mg/Kg-dry	1	8/25/2017
Carbazole	ND	0.20		mg/Kg-dry	1	8/25/2017
4-Chloroaniline	ND	0.20		mg/Kg-dry	1	8/25/2017
4-Chloro-3-methylphenol	ND	0.39		mg/Kg-dry	1	8/25/2017
2-Chloronaphthalene	ND	0.20		mg/Kg-dry	1	8/25/2017
2-Chlorophenol	ND	0.20		mg/Kg-dry	1	8/25/2017
4-Chlorophenyl phenyl ether	ND	0.20		mg/Kg-dry	1	8/25/2017
Chrysene	ND	0.039		mg/Kg-dry	1	8/25/2017
Dibenz(a,h)anthracene	ND	0.039		mg/Kg-dry	1	8/25/2017
Dibenzofuran	ND	0.20		mg/Kg-dry	1	8/25/2017
1,2-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	8/25/2017
1,3-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	8/25/2017
1,4-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	8/25/2017
3,3'-Dichlorobenzidine	ND	0.20		mg/Kg-dry	1	8/25/2017
2,4-Dichlorophenol	ND	0.20		mg/Kg-dry	1	8/25/2017
Diethyl phthalate	ND	0.20		mg/Kg-dry	1	8/25/2017
2,4-Dimethylphenol	ND	0.20		mg/Kg-dry	1	8/25/2017
Dimethyl phthalate	ND	0.20		mg/Kg-dry	1	8/25/2017
4,6-Dinitro-2-methylphenol	ND	0.39		mg/Kg-dry	1	8/25/2017
2,4-Dinitrophenol	ND	0.99		mg/Kg-dry	1	8/25/2017
2,4-Dinitrotoluene	ND	0.039		mg/Kg-dry	1	8/25/2017
2,6-Dinitrotoluene	ND	0.039		mg/Kg-dry	1	8/25/2017

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

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

STAT Analysis Corporation

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

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

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

Report Date: August 30, 2017

ANALYTICAL RESULTS

Print Date: August 30, 2017

Client: Huff & Huff, Inc.

Client Sample ID: 2597V-10-01 (0-4)

Work Order: 17080741 Revision 0

Tag Number:

Project: 81.0220509.08, 2597V-IL 53 at Hicks Road, Long

Collection Date: 8/21/2017 9:15:00 AM

Lab ID: 17080741-001B

Matrix: Soil

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

Semivolatile Organic Compounds by GC/MS	SW8270C (SW3550B)	Prep Date: 8/24/2017			Analyst: DM
---	-------------------	----------------------	--	--	-------------

Di-n-butyl phthalate	ND	0.20		mg/Kg-dry	1	8/25/2017
Di-n-octyl phthalate	ND	0.20		mg/Kg-dry	1	8/25/2017
Fluoranthene	ND	0.039		mg/Kg-dry	1	8/25/2017
Fluorene	ND	0.039		mg/Kg-dry	1	8/25/2017
Hexachlorobenzene	ND	0.20		mg/Kg-dry	1	8/25/2017
Hexachlorobutadiene	ND	0.20		mg/Kg-dry	1	8/25/2017
Hexachlorocyclopentadiene	ND	0.20		mg/Kg-dry	1	8/25/2017
Hexachloroethane	ND	0.20		mg/Kg-dry	1	8/25/2017
Indeno(1,2,3-cd)pyrene	ND	0.039		mg/Kg-dry	1	8/25/2017
Isophorone	ND	0.20		mg/Kg-dry	1	8/25/2017
2-Methylnaphthalene	ND	0.20		mg/Kg-dry	1	8/25/2017
2-Methylphenol	ND	0.20		mg/Kg-dry	1	8/25/2017
4-Methylphenol	ND	0.20		mg/Kg-dry	1	8/25/2017
Naphthalene	ND	0.039		mg/Kg-dry	1	8/25/2017
2-Nitroaniline	ND	0.20		mg/Kg-dry	1	8/25/2017
3-Nitroaniline	ND	0.20		mg/Kg-dry	1	8/25/2017
4-Nitroaniline	ND	0.20		mg/Kg-dry	1	8/25/2017
2-Nitrophenol	ND	0.20		mg/Kg-dry	1	8/25/2017
4-Nitrophenol	ND	0.39		mg/Kg-dry	1	8/25/2017
Nitrobenzene	ND	0.039		mg/Kg-dry	1	8/25/2017
N-Nitrosodi-n-propylamine	ND	0.039		mg/Kg-dry	1	8/25/2017
N-Nitrosodimethylamine	ND	0.20		mg/Kg-dry	1	8/25/2017
N-Nitrosodiphenylamine	ND	0.20		mg/Kg-dry	1	8/25/2017
2, 2'-oxybis(1-Chloropropane)	ND	0.20		mg/Kg-dry	1	8/25/2017
Pentachlorophenol	ND	0.080		mg/Kg-dry	1	8/25/2017
Phenanthrene	ND	0.039		mg/Kg-dry	1	8/25/2017
Phenol	ND	0.20		mg/Kg-dry	1	8/25/2017
Pyrene	ND	0.039		mg/Kg-dry	1	8/25/2017
Pyridine	ND	0.80		mg/Kg-dry	1	8/25/2017
1,2,4-Trichlorobenzene	ND	0.20		mg/Kg-dry	1	8/25/2017
2,4,5-Trichlorophenol	ND	0.20		mg/Kg-dry	1	8/25/2017
2,4,6-Trichlorophenol	ND	0.20		mg/Kg-dry	1	8/25/2017

Metals by ICP/MS	SW6020 (SW3050B)	Prep Date: 8/23/2017			Analyst: JG
------------------	------------------	----------------------	--	--	-------------

Antimony	ND	2.0		mg/Kg-dry	10	8/24/2017
Arsenic	8.7	1.0		mg/Kg-dry	10	8/24/2017
Barium	170	1.0		mg/Kg-dry	10	8/24/2017
Beryllium	0.85	0.51		mg/Kg-dry	10	8/24/2017
Cadmium	ND	0.51		mg/Kg-dry	10	8/25/2017

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

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

STAT Analysis Corporation

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

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

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

Report Date: August 30, 2017

ANALYTICAL RESULTS

Print Date: August 30, 2017

Client: Huff & Huff, Inc.

Client Sample ID: 2597V-10-01 (0-4)

Work Order: 17080741 Revision 0

Tag Number:

Project: 81.0220509.08, 2597V-IL 53 at Hicks Road, Long

Collection Date: 8/21/2017 9:15:00 AM

Lab ID: 17080741-001B

Matrix: Soil

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

Metals by ICP/MS

SW6020 (SW3050B)

Prep Date: 8/23/2017

Analyst: JG

Calcium	12000	61		mg/Kg-dry	10	8/24/2017
Chromium	20	1.0		mg/Kg-dry	10	8/24/2017
Cobalt	13	1.0		mg/Kg-dry	10	8/24/2017
Copper	26	2.6		mg/Kg-dry	10	8/24/2017
Iron	24000	31		mg/Kg-dry	10	8/24/2017
Lead	95	0.51		mg/Kg-dry	10	8/24/2017
Magnesium	6800	31		mg/Kg-dry	10	8/24/2017
Manganese	1000	1.0		mg/Kg-dry	10	8/24/2017
Nickel	23	1.0		mg/Kg-dry	10	8/24/2017
Potassium	1300	31		mg/Kg-dry	10	8/24/2017
Selenium	ND	1.0		mg/Kg-dry	10	8/24/2017
Silver	ND	1.0		mg/Kg-dry	10	8/24/2017
Sodium	1000	61		mg/Kg-dry	10	8/24/2017
Thallium	ND	1.0		mg/Kg-dry	10	8/24/2017
Vanadium	30	1.0		mg/Kg-dry	10	8/24/2017
Zinc	75	5.1		mg/Kg-dry	10	8/24/2017

SPLP Metals by ICP/MS

SW1312/6020 (SW3005A)

Prep Date: 8/24/2017

Analyst: JG

Arsenic	ND	0.0040		mg/L	2	8/26/2017
Barium	0.094	0.020		mg/L	2	8/26/2017
Beryllium	ND	0.0020		mg/L	2	8/26/2017
Cadmium	ND	0.0020		mg/L	2	8/26/2017
Chromium	0.0050	0.0040		mg/L	2	8/26/2017
Cobalt	ND	0.0040		mg/L	2	8/26/2017
Copper	ND	0.040		mg/L	2	8/26/2017
Iron	3.7	0.10		mg/L	2	8/26/2017
Lead	0.0051	0.0020		mg/L	2	8/26/2017
Manganese	0.030	0.0040		mg/L	2	8/26/2017
Nickel	ND	0.0040		mg/L	2	8/26/2017
Selenium	ND	0.0040		mg/L	2	8/26/2017
Silver	ND	0.0040		mg/L	2	8/26/2017
Zinc	0.022	0.020		mg/L	2	8/26/2017

TCLP Metals by ICP/MS

SW1311/6020 (SW3005A)

Prep Date: 8/28/2017

Analyst: JG

Arsenic	ND	0.010		mg/L	5	8/28/2017
Barium	0.69	0.050		mg/L	5	8/28/2017
Beryllium	ND	0.0050		mg/L	5	8/29/2017
Cadmium	ND	0.0050		mg/L	5	8/28/2017
Chromium	ND	0.010		mg/L	5	8/28/2017

Qualifiers:

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

* - Non-accredited parameter

H - Holding time exceeded

STAT Analysis Corporation

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

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

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

Report Date: August 30, 2017

ANALYTICAL RESULTS

Print Date: August 30, 2017

Client: Huff & Huff, Inc.

Client Sample ID: 2597V-10-01 (0-4)

Work Order: 17080741 Revision 0

Tag Number:

Project: 81.0220509.08, 2597V-IL 53 at Hicks Road, Long

Collection Date: 8/21/2017 9:15:00 AM

Lab ID: 17080741-001B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
TCLP Metals by ICP/MS	SW1311/6020 (SW3005A)		Prep Date: 8/28/2017		Analyst: JG	
Cobalt	ND	0.010		mg/L	5	8/28/2017
Copper	ND	0.10		mg/L	5	8/28/2017
Iron	ND	0.25		mg/L	5	8/28/2017
Lead	ND	0.0050		mg/L	5	8/28/2017
Manganese	0.59	0.010		mg/L	5	8/28/2017
Nickel	ND	0.010		mg/L	5	8/28/2017
Selenium	ND	0.010		mg/L	5	8/28/2017
Silver	ND	0.010		mg/L	5	8/28/2017
Zinc	0.060	0.050		mg/L	5	8/28/2017
TCLP Mercury	SW1311/7470A		Prep Date: 8/25/2017		Analyst: LB	
Mercury	ND	0.00020		mg/L	1	8/25/2017
SPLP Mercury	SW1312/7470A		Prep Date: 8/24/2017		Analyst: LB	
Mercury	ND	0.00025		mg/L	1	8/25/2017
Mercury	SW7471A		Prep Date: 8/24/2017		Analyst: LB	
Mercury	0.046	0.021		mg/Kg-dry	1	8/25/2017
pH (25 °C)	SW9045C		Prep Date: 8/25/2017		Analyst: RW	
pH	8.30			pH Units	1	8/25/2017
Percent Moisture	D2974		Prep Date: 8/24/2017		Analyst: KKA	
Percent Moisture	16.8	0.2	*	wt%	1	8/25/2017

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

HT - Sample received past holding time

* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

H - Holding time exceeded

STAT Analysis Corporation

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

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

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

Report Date: August 30, 2017

ANALYTICAL RESULTS

Print Date: August 30, 2017

Client: Huff & Huff, Inc.

Client Sample ID: 2597V-10-11 (0-4)

Work Order: 17080741 Revision 0

Tag Number:

Project: 81.0220509.08, 2597V-IL 53 at Hicks Road, Long

Collection Date: 8/21/2017 9:52:00 AM

Lab ID: 17080741-011A

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS	SW5035/8260B		Prep Date: 8/22/2017		Analyst: ERP	
Acetone	ND	0.064		mg/Kg-dry	1	8/25/2017
Benzene	ND	0.0043		mg/Kg-dry	1	8/25/2017
Bromodichloromethane	ND	0.0043		mg/Kg-dry	1	8/25/2017
Bromoform	ND	0.0043		mg/Kg-dry	1	8/25/2017
Bromomethane	ND	0.0086		mg/Kg-dry	1	8/25/2017
2-Butanone	ND	0.064		mg/Kg-dry	1	8/25/2017
Carbon disulfide	ND	0.043		mg/Kg-dry	1	8/25/2017
Carbon tetrachloride	ND	0.0043		mg/Kg-dry	1	8/25/2017
Chlorobenzene	ND	0.0043		mg/Kg-dry	1	8/25/2017
Chloroethane	ND	0.0086		mg/Kg-dry	1	8/25/2017
Chloroform	ND	0.0043		mg/Kg-dry	1	8/25/2017
Chloromethane	ND	0.0086		mg/Kg-dry	1	8/25/2017
Dibromochloromethane	ND	0.0043		mg/Kg-dry	1	8/25/2017
1,1-Dichloroethane	ND	0.0043		mg/Kg-dry	1	8/25/2017
1,2-Dichloroethane	ND	0.0043		mg/Kg-dry	1	8/25/2017
1,1-Dichloroethene	ND	0.0043		mg/Kg-dry	1	8/25/2017
cis-1,2-Dichloroethene	ND	0.0043		mg/Kg-dry	1	8/25/2017
trans-1,2-Dichloroethene	ND	0.0043		mg/Kg-dry	1	8/25/2017
1,2-Dichloropropane	ND	0.0043		mg/Kg-dry	1	8/25/2017
cis-1,3-Dichloropropene	ND	0.0017		mg/Kg-dry	1	8/25/2017
trans-1,3-Dichloropropene	ND	0.0017		mg/Kg-dry	1	8/25/2017
Ethylbenzene	ND	0.0043		mg/Kg-dry	1	8/25/2017
2-Hexanone	ND	0.017		mg/Kg-dry	1	8/25/2017
4-Methyl-2-pentanone	ND	0.017		mg/Kg-dry	1	8/25/2017
Methylene chloride	ND	0.0086		mg/Kg-dry	1	8/25/2017
Methyl tert-butyl ether	ND	0.0043		mg/Kg-dry	1	8/25/2017
Styrene	ND	0.0043		mg/Kg-dry	1	8/25/2017
1,1,2,2-Tetrachloroethane	ND	0.0043		mg/Kg-dry	1	8/25/2017
Tetrachloroethene	ND	0.0043		mg/Kg-dry	1	8/25/2017
Toluene	ND	0.0043		mg/Kg-dry	1	8/25/2017
1,1,1-Trichloroethane	ND	0.0043		mg/Kg-dry	1	8/25/2017
1,1,2-Trichloroethane	ND	0.0043		mg/Kg-dry	1	8/25/2017
Trichloroethene	ND	0.0043		mg/Kg-dry	1	8/25/2017
Vinyl chloride	ND	0.0043		mg/Kg-dry	1	8/25/2017
Xylenes, Total	ND	0.013		mg/Kg-dry	1	8/25/2017

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

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

STAT Analysis Corporation

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

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

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

Report Date: August 30, 2017

ANALYTICAL RESULTS

Print Date: August 30, 2017

Client: Huff & Huff, Inc.

Client Sample ID: 2597V-10-11 (0-4)

Work Order: 17080741 Revision 0

Tag Number:

Project: 81.0220509.08, 2597V-IL 53 at Hicks Road, Long

Collection Date: 8/21/2017 9:52:00 AM

Lab ID: 17080741-011B

Matrix: Soil

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

Semivolatile Organic Compounds by GC/MS	SW8270C (SW3550B)	Prep Date: 8/24/2017			Analyst: DM
---	-------------------	----------------------	--	--	-------------

Acenaphthene	ND	0.038		mg/Kg-dry	1	8/25/2017
Acenaphthylene	ND	0.038		mg/Kg-dry	1	8/25/2017
Aniline	ND	0.39		mg/Kg-dry	1	8/25/2017
Anthracene	ND	0.038		mg/Kg-dry	1	8/25/2017
Benz(a)anthracene	ND	0.038		mg/Kg-dry	1	8/25/2017
Benzdine	ND	0.38		mg/Kg-dry	1	8/25/2017
Benzo(a)pyrene	ND	0.038		mg/Kg-dry	1	8/25/2017
Benzo(b)fluoranthene	ND	0.038		mg/Kg-dry	1	8/25/2017
Benzo(g,h,i)perylene	ND	0.038		mg/Kg-dry	1	8/25/2017
Benzo(k)fluoranthene	ND	0.038		mg/Kg-dry	1	8/25/2017
Benzoic acid	ND	0.97		mg/Kg-dry	1	8/25/2017
Benzyl alcohol	ND	0.20		mg/Kg-dry	1	8/25/2017
Bis(2-chloroethoxy)methane	ND	0.20		mg/Kg-dry	1	8/25/2017
Bis(2-chloroethyl)ether	ND	0.20		mg/Kg-dry	1	8/25/2017
Bis(2-ethylhexyl)phthalate	ND	0.97		mg/Kg-dry	1	8/25/2017
4-Bromophenyl phenyl ether	ND	0.20		mg/Kg-dry	1	8/25/2017
Butyl benzyl phthalate	ND	0.20		mg/Kg-dry	1	8/25/2017
Carbazole	ND	0.20		mg/Kg-dry	1	8/25/2017
4-Chloroaniline	ND	0.20		mg/Kg-dry	1	8/25/2017
4-Chloro-3-methylphenol	ND	0.38		mg/Kg-dry	1	8/25/2017
2-Chloronaphthalene	ND	0.20		mg/Kg-dry	1	8/25/2017
2-Chlorophenol	ND	0.20		mg/Kg-dry	1	8/25/2017
4-Chlorophenyl phenyl ether	ND	0.20		mg/Kg-dry	1	8/25/2017
Chrysene	ND	0.038		mg/Kg-dry	1	8/25/2017
Dibenz(a,h)anthracene	ND	0.038		mg/Kg-dry	1	8/25/2017
Dibenzofuran	ND	0.20		mg/Kg-dry	1	8/25/2017
1,2-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	8/25/2017
1,3-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	8/25/2017
1,4-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	8/25/2017
3,3'-Dichlorobenzidine	ND	0.20		mg/Kg-dry	1	8/25/2017
2,4-Dichlorophenol	ND	0.20		mg/Kg-dry	1	8/25/2017
Diethyl phthalate	ND	0.20		mg/Kg-dry	1	8/25/2017
2,4-Dimethylphenol	ND	0.20		mg/Kg-dry	1	8/25/2017
Dimethyl phthalate	ND	0.20		mg/Kg-dry	1	8/25/2017
4,6-Dinitro-2-methylphenol	ND	0.38		mg/Kg-dry	1	8/25/2017
2,4-Dinitrophenol	ND	0.97		mg/Kg-dry	1	8/25/2017
2,4-Dinitrotoluene	ND	0.038		mg/Kg-dry	1	8/25/2017
2,6-Dinitrotoluene	ND	0.038		mg/Kg-dry	1	8/25/2017

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

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

STAT Analysis Corporation

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

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

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

Report Date: August 30, 2017

ANALYTICAL RESULTS

Print Date: August 30, 2017

Client: Huff & Huff, Inc.

Client Sample ID: 2597V-10-11 (0-4)

Work Order: 17080741 Revision 0

Tag Number:

Project: 81.0220509.08, 2597V-IL 53 at Hicks Road, Long

Collection Date: 8/21/2017 9:52:00 AM

Lab ID: 17080741-011B

Matrix: Soil

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

Semivolatile Organic Compounds by GC/MS SW8270C (SW3550B) Prep Date: 8/24/2017 Analyst: DM

Di-n-butyl phthalate	ND	0.20		mg/Kg-dry	1	8/25/2017
Di-n-octyl phthalate	ND	0.20		mg/Kg-dry	1	8/25/2017
Fluoranthene	ND	0.038		mg/Kg-dry	1	8/25/2017
Fluorene	ND	0.038		mg/Kg-dry	1	8/25/2017
Hexachlorobenzene	ND	0.20		mg/Kg-dry	1	8/25/2017
Hexachlorobutadiene	ND	0.20		mg/Kg-dry	1	8/25/2017
Hexachlorocyclopentadiene	ND	0.20		mg/Kg-dry	1	8/25/2017
Hexachloroethane	ND	0.20		mg/Kg-dry	1	8/25/2017
Indeno(1,2,3-cd)pyrene	ND	0.038		mg/Kg-dry	1	8/25/2017
Isophorone	ND	0.20		mg/Kg-dry	1	8/25/2017
2-Methylnaphthalene	ND	0.20		mg/Kg-dry	1	8/25/2017
2-Methylphenol	ND	0.20		mg/Kg-dry	1	8/25/2017
4-Methylphenol	ND	0.20		mg/Kg-dry	1	8/25/2017
Naphthalene	ND	0.038		mg/Kg-dry	1	8/25/2017
2-Nitroaniline	ND	0.20		mg/Kg-dry	1	8/25/2017
3-Nitroaniline	ND	0.20		mg/Kg-dry	1	8/25/2017
4-Nitroaniline	ND	0.20		mg/Kg-dry	1	8/25/2017
2-Nitrophenol	ND	0.20		mg/Kg-dry	1	8/25/2017
4-Nitrophenol	ND	0.38		mg/Kg-dry	1	8/25/2017
Nitrobenzene	ND	0.038		mg/Kg-dry	1	8/25/2017
N-Nitrosodi-n-propylamine	ND	0.038		mg/Kg-dry	1	8/25/2017
N-Nitrosodimethylamine	ND	0.20		mg/Kg-dry	1	8/25/2017
N-Nitrosodiphenylamine	ND	0.20		mg/Kg-dry	1	8/25/2017
2, 2'-oxybis(1-Chloropropane)	ND	0.20		mg/Kg-dry	1	8/25/2017
Pentachlorophenol	ND	0.078		mg/Kg-dry	1	8/25/2017
Phenanthrene	ND	0.038		mg/Kg-dry	1	8/25/2017
Phenol	ND	0.20		mg/Kg-dry	1	8/25/2017
Pyrene	ND	0.038		mg/Kg-dry	1	8/25/2017
Pyridine	ND	0.78		mg/Kg-dry	1	8/25/2017
1,2,4-Trichlorobenzene	ND	0.20		mg/Kg-dry	1	8/25/2017
2,4,5-Trichlorophenol	ND	0.20		mg/Kg-dry	1	8/25/2017
2,4,6-Trichlorophenol	ND	0.20		mg/Kg-dry	1	8/25/2017

Metals by ICP/MS SW6020 (SW3050B) Prep Date: 8/23/2017 Analyst: JG

Antimony	ND	2.1		mg/Kg-dry	10	8/24/2017
Arsenic	9.1	1.1		mg/Kg-dry	10	8/24/2017
Barium	98	1.1		mg/Kg-dry	10	8/24/2017
Beryllium	0.77	0.53		mg/Kg-dry	10	8/24/2017
Cadmium	ND	0.53		mg/Kg-dry	10	8/24/2017

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

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

STAT Analysis Corporation

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

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

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

Report Date: August 30, 2017

ANALYTICAL RESULTS

Print Date: August 30, 2017

Client: Huff & Huff, Inc.

Client Sample ID: 2597V-10-11 (0-4)

Work Order: 17080741 Revision 0

Tag Number:

Project: 81.0220509.08, 2597V-IL 53 at Hicks Road, Long

Collection Date: 8/21/2017 9:52:00 AM

Lab ID: 17080741-011B

Matrix: Soil

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

Metals by ICP/MS

SW6020 (SW3050B)

Prep Date: 8/23/2017

Analyst: JG

Calcium	15000	64		mg/Kg-dry	10	8/24/2017
Chromium	24	1.1		mg/Kg-dry	10	8/24/2017
Cobalt	12	1.1		mg/Kg-dry	10	8/24/2017
Copper	27	2.7		mg/Kg-dry	10	8/24/2017
Iron	29000	32		mg/Kg-dry	10	8/24/2017
Lead	17	0.53		mg/Kg-dry	10	8/24/2017
Magnesium	11000	32		mg/Kg-dry	10	8/24/2017
Manganese	500	1.1		mg/Kg-dry	10	8/24/2017
Nickel	33	1.1		mg/Kg-dry	10	8/24/2017
Potassium	1600	32		mg/Kg-dry	10	8/24/2017
Selenium	ND	1.1		mg/Kg-dry	10	8/24/2017
Silver	ND	1.1		mg/Kg-dry	10	8/24/2017
Sodium	940	64		mg/Kg-dry	10	8/24/2017
Thallium	ND	1.1		mg/Kg-dry	10	8/24/2017
Vanadium	28	1.1		mg/Kg-dry	10	8/24/2017
Zinc	68	5.3		mg/Kg-dry	10	8/24/2017

SPLP Metals by ICP/MS

SW1312/6020 (SW3005A)

Prep Date: 8/24/2017

Analyst: JG

Arsenic	0.0050	0.0040		mg/L	2	8/26/2017
Barium	0.22	0.020		mg/L	2	8/26/2017
Beryllium	ND	0.0020		mg/L	2	8/26/2017
Cadmium	ND	0.0020		mg/L	2	8/26/2017
Chromium	0.011	0.0040		mg/L	2	8/26/2017
Cobalt	ND	0.0040		mg/L	2	8/26/2017
Copper	ND	0.040		mg/L	2	8/26/2017
Iron	12	0.10		mg/L	2	8/26/2017
Lead	0.0036	0.0020		mg/L	2	8/26/2017
Manganese	0.045	0.0040		mg/L	2	8/26/2017
Nickel	0.013	0.0040		mg/L	2	8/26/2017
Selenium	ND	0.0040		mg/L	2	8/26/2017
Silver	ND	0.0040		mg/L	2	8/26/2017
Zinc	0.044	0.020		mg/L	2	8/26/2017

TCLP Metals by ICP/MS

SW1311/6020 (SW3005A)

Prep Date: 8/28/2017

Analyst: JG

Arsenic	ND	0.010		mg/L	5	8/28/2017
Barium	1.1	0.050		mg/L	5	8/28/2017
Beryllium	ND	0.0050		mg/L	5	8/29/2017
Cadmium	ND	0.0050		mg/L	5	8/28/2017
Chromium	ND	0.010		mg/L	5	8/28/2017

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

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

STAT Analysis Corporation

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

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

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

Report Date: August 30, 2017

ANALYTICAL RESULTS

Print Date: August 30, 2017

Client: Huff & Huff, Inc.

Client Sample ID: 2597V-10-11 (0-4)

Work Order: 17080741 Revision 0

Tag Number:

Project: 81.0220509.08, 2597V-IL 53 at Hicks Road, Long

Collection Date: 8/21/2017 9:52:00 AM

Lab ID: 17080741-011B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
TCLP Metals by ICP/MS	SW1311/6020 (SW3005A)		Prep Date: 8/28/2017		Analyst: JG	
Cobalt	ND	0.010		mg/L	5	8/28/2017
Copper	ND	0.10		mg/L	5	8/28/2017
Iron	ND	0.25		mg/L	5	8/28/2017
Lead	ND	0.0050		mg/L	5	8/28/2017
Manganese	2.1	0.010		mg/L	5	8/28/2017
Nickel	0.020	0.010		mg/L	5	8/28/2017
Selenium	ND	0.010		mg/L	5	8/28/2017
Silver	ND	0.010		mg/L	5	8/28/2017
Zinc	0.21	0.050		mg/L	5	8/28/2017
TCLP Mercury	SW1311/7470A		Prep Date: 8/25/2017		Analyst: LB	
Mercury	ND	0.00020		mg/L	1	8/25/2017
SPLP Mercury	SW1312/7470A		Prep Date: 8/24/2017		Analyst: LB	
Mercury	ND	0.00025		mg/L	1	8/25/2017
Mercury	SW7471A		Prep Date: 8/24/2017		Analyst: LB	
Mercury	0.034	0.022		mg/Kg-dry	1	8/25/2017
pH (25 °C)	SW9045C		Prep Date: 8/25/2017		Analyst: RW	
pH	8.28			pH Units	1	8/25/2017
Percent Moisture	D2974		Prep Date: 8/24/2017		Analyst: KKA	
Percent Moisture	14.7	0.2	*	wt%	1	8/25/2017

Qualifiers:

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

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

STAT Analysis Corporation

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

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

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

Report Date: August 30, 2017

ANALYTICAL RESULTS

Print Date: August 30, 2017

Client: Huff & Huff, Inc.

Client Sample ID: 2597V-10-12 (0-4)

Work Order: 17080741 Revision 0

Tag Number:

Project: 81.0220509.08, 2597V-IL 53 at Hicks Road, Long

Collection Date: 8/21/2017 9:55:00 AM

Lab ID: 17080741-012A

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS	SW5035/8260B		Prep Date: 8/22/2017		Analyst: ERP	
Acetone	ND	0.061		mg/Kg-dry	1	8/25/2017
Benzene	ND	0.0041		mg/Kg-dry	1	8/25/2017
Bromodichloromethane	ND	0.0041		mg/Kg-dry	1	8/25/2017
Bromoform	ND	0.0041		mg/Kg-dry	1	8/25/2017
Bromomethane	ND	0.0082		mg/Kg-dry	1	8/25/2017
2-Butanone	ND	0.061		mg/Kg-dry	1	8/25/2017
Carbon disulfide	ND	0.041		mg/Kg-dry	1	8/25/2017
Carbon tetrachloride	ND	0.0041		mg/Kg-dry	1	8/25/2017
Chlorobenzene	ND	0.0041		mg/Kg-dry	1	8/25/2017
Chloroethane	ND	0.0082		mg/Kg-dry	1	8/25/2017
Chloroform	ND	0.0041		mg/Kg-dry	1	8/25/2017
Chloromethane	ND	0.0082		mg/Kg-dry	1	8/25/2017
Dibromochloromethane	ND	0.0041		mg/Kg-dry	1	8/25/2017
1,1-Dichloroethane	ND	0.0041		mg/Kg-dry	1	8/25/2017
1,2-Dichloroethane	ND	0.0041		mg/Kg-dry	1	8/25/2017
1,1-Dichloroethene	ND	0.0041		mg/Kg-dry	1	8/25/2017
cis-1,2-Dichloroethene	ND	0.0041		mg/Kg-dry	1	8/25/2017
trans-1,2-Dichloroethene	ND	0.0041		mg/Kg-dry	1	8/25/2017
1,2-Dichloropropane	ND	0.0041		mg/Kg-dry	1	8/25/2017
cis-1,3-Dichloropropene	ND	0.0016		mg/Kg-dry	1	8/25/2017
trans-1,3-Dichloropropene	ND	0.0016		mg/Kg-dry	1	8/25/2017
Ethylbenzene	ND	0.0041		mg/Kg-dry	1	8/25/2017
2-Hexanone	ND	0.016		mg/Kg-dry	1	8/25/2017
4-Methyl-2-pentanone	ND	0.016		mg/Kg-dry	1	8/25/2017
Methylene chloride	ND	0.0082		mg/Kg-dry	1	8/25/2017
Methyl tert-butyl ether	ND	0.0041		mg/Kg-dry	1	8/25/2017
Styrene	ND	0.0041		mg/Kg-dry	1	8/25/2017
1,1,2,2-Tetrachloroethane	ND	0.0041		mg/Kg-dry	1	8/25/2017
Tetrachloroethene	ND	0.0041		mg/Kg-dry	1	8/25/2017
Toluene	ND	0.0041		mg/Kg-dry	1	8/25/2017
1,1,1-Trichloroethane	ND	0.0041		mg/Kg-dry	1	8/25/2017
1,1,2-Trichloroethane	ND	0.0041		mg/Kg-dry	1	8/25/2017
Trichloroethene	ND	0.0041		mg/Kg-dry	1	8/25/2017
Vinyl chloride	ND	0.0041		mg/Kg-dry	1	8/25/2017
Xylenes, Total	ND	0.012		mg/Kg-dry	1	8/25/2017

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

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

STAT Analysis Corporation

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

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

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

Report Date: August 30, 2017

ANALYTICAL RESULTS

Print Date: August 30, 2017

Client: Huff & Huff, Inc.

Client Sample ID: 2597V-10-12 (0-4)

Work Order: 17080741 Revision 0

Tag Number:

Project: 81.0220509.08, 2597V-IL 53 at Hicks Road, Long

Collection Date: 8/21/2017 9:55:00 AM

Lab ID: 17080741-012B

Matrix: Soil

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

Semivolatile Organic Compounds by GC/MS	SW8270C (SW3550B)	Prep Date: 8/24/2017			Analyst: DM
---	-------------------	----------------------	--	--	-------------

Acenaphthene	ND	0.037		mg/Kg-dry	1	8/25/2017
Acenaphthylene	ND	0.037		mg/Kg-dry	1	8/25/2017
Aniline	ND	0.38		mg/Kg-dry	1	8/25/2017
Anthracene	ND	0.037		mg/Kg-dry	1	8/25/2017
Benz(a)anthracene	ND	0.037		mg/Kg-dry	1	8/25/2017
Benzdine	ND	0.37		mg/Kg-dry	1	8/25/2017
Benzo(a)pyrene	ND	0.037		mg/Kg-dry	1	8/25/2017
Benzo(b)fluoranthene	ND	0.037		mg/Kg-dry	1	8/25/2017
Benzo(g,h,i)perylene	ND	0.037		mg/Kg-dry	1	8/25/2017
Benzo(k)fluoranthene	ND	0.037		mg/Kg-dry	1	8/25/2017
Benzoic acid	ND	0.94		mg/Kg-dry	1	8/25/2017
Benzyl alcohol	ND	0.19		mg/Kg-dry	1	8/25/2017
Bis(2-chloroethoxy)methane	ND	0.19		mg/Kg-dry	1	8/25/2017
Bis(2-chloroethyl)ether	ND	0.19		mg/Kg-dry	1	8/25/2017
Bis(2-ethylhexyl)phthalate	ND	0.94		mg/Kg-dry	1	8/25/2017
4-Bromophenyl phenyl ether	ND	0.19		mg/Kg-dry	1	8/25/2017
Butyl benzyl phthalate	ND	0.19		mg/Kg-dry	1	8/25/2017
Carbazole	ND	0.19		mg/Kg-dry	1	8/25/2017
4-Chloroaniline	ND	0.19		mg/Kg-dry	1	8/25/2017
4-Chloro-3-methylphenol	ND	0.37		mg/Kg-dry	1	8/25/2017
2-Chloronaphthalene	ND	0.19		mg/Kg-dry	1	8/25/2017
2-Chlorophenol	ND	0.19		mg/Kg-dry	1	8/25/2017
4-Chlorophenyl phenyl ether	ND	0.19		mg/Kg-dry	1	8/25/2017
Chrysene	ND	0.037		mg/Kg-dry	1	8/25/2017
Dibenz(a,h)anthracene	ND	0.037		mg/Kg-dry	1	8/25/2017
Dibenzofuran	ND	0.19		mg/Kg-dry	1	8/25/2017
1,2-Dichlorobenzene	ND	0.19		mg/Kg-dry	1	8/25/2017
1,3-Dichlorobenzene	ND	0.19		mg/Kg-dry	1	8/25/2017
1,4-Dichlorobenzene	ND	0.19		mg/Kg-dry	1	8/25/2017
3,3'-Dichlorobenzidine	ND	0.19		mg/Kg-dry	1	8/25/2017
2,4-Dichlorophenol	ND	0.19		mg/Kg-dry	1	8/25/2017
Diethyl phthalate	ND	0.19		mg/Kg-dry	1	8/25/2017
2,4-Dimethylphenol	ND	0.19		mg/Kg-dry	1	8/25/2017
Dimethyl phthalate	ND	0.19		mg/Kg-dry	1	8/25/2017
4,6-Dinitro-2-methylphenol	ND	0.37		mg/Kg-dry	1	8/25/2017
2,4-Dinitrophenol	ND	0.94		mg/Kg-dry	1	8/25/2017
2,4-Dinitrotoluene	ND	0.037		mg/Kg-dry	1	8/25/2017
2,6-Dinitrotoluene	ND	0.037		mg/Kg-dry	1	8/25/2017

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

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

STAT Analysis Corporation

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

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

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

Report Date: August 30, 2017

ANALYTICAL RESULTS

Print Date: August 30, 2017

Client: Huff & Huff, Inc.

Client Sample ID: 2597V-10-12 (0-4)

Work Order: 17080741 Revision 0

Tag Number:

Project: 81.0220509.08, 2597V-IL 53 at Hicks Road, Long

Collection Date: 8/21/2017 9:55:00 AM

Lab ID: 17080741-012B

Matrix: Soil

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

Semivolatile Organic Compounds by GC/MS	SW8270C (SW3550B)	Prep Date: 8/24/2017			Analyst: DM
---	-------------------	----------------------	--	--	-------------

Di-n-butyl phthalate	ND	0.19		mg/Kg-dry	1	8/25/2017
Di-n-octyl phthalate	ND	0.19		mg/Kg-dry	1	8/25/2017
Fluoranthene	ND	0.037		mg/Kg-dry	1	8/25/2017
Fluorene	ND	0.037		mg/Kg-dry	1	8/25/2017
Hexachlorobenzene	ND	0.19		mg/Kg-dry	1	8/25/2017
Hexachlorobutadiene	ND	0.19		mg/Kg-dry	1	8/25/2017
Hexachlorocyclopentadiene	ND	0.19		mg/Kg-dry	1	8/25/2017
Hexachloroethane	ND	0.19		mg/Kg-dry	1	8/25/2017
Indeno(1,2,3-cd)pyrene	ND	0.037		mg/Kg-dry	1	8/25/2017
Isophorone	ND	0.19		mg/Kg-dry	1	8/25/2017
2-Methylnaphthalene	ND	0.19		mg/Kg-dry	1	8/25/2017
2-Methylphenol	ND	0.19		mg/Kg-dry	1	8/25/2017
4-Methylphenol	ND	0.19		mg/Kg-dry	1	8/25/2017
Naphthalene	ND	0.037		mg/Kg-dry	1	8/25/2017
2-Nitroaniline	ND	0.19		mg/Kg-dry	1	8/25/2017
3-Nitroaniline	ND	0.19		mg/Kg-dry	1	8/25/2017
4-Nitroaniline	ND	0.19		mg/Kg-dry	1	8/25/2017
2-Nitrophenol	ND	0.19		mg/Kg-dry	1	8/25/2017
4-Nitrophenol	ND	0.37		mg/Kg-dry	1	8/25/2017
Nitrobenzene	ND	0.037		mg/Kg-dry	1	8/25/2017
N-Nitrosodi-n-propylamine	ND	0.037		mg/Kg-dry	1	8/25/2017
N-Nitrosodimethylamine	ND	0.19		mg/Kg-dry	1	8/25/2017
N-Nitrosodiphenylamine	ND	0.19		mg/Kg-dry	1	8/25/2017
2, 2'-oxybis(1-Chloropropane)	ND	0.19		mg/Kg-dry	1	8/25/2017
Pentachlorophenol	ND	0.076		mg/Kg-dry	1	8/25/2017
Phenanthrene	ND	0.037		mg/Kg-dry	1	8/25/2017
Phenol	ND	0.19		mg/Kg-dry	1	8/25/2017
Pyrene	ND	0.037		mg/Kg-dry	1	8/25/2017
Pyridine	ND	0.76		mg/Kg-dry	1	8/25/2017
1,2,4-Trichlorobenzene	ND	0.19		mg/Kg-dry	1	8/25/2017
2,4,5-Trichlorophenol	ND	0.19		mg/Kg-dry	1	8/25/2017
2,4,6-Trichlorophenol	ND	0.19		mg/Kg-dry	1	8/25/2017

Metals by ICP/MS	SW6020 (SW3050B)	Prep Date: 8/23/2017			Analyst: JG
------------------	------------------	----------------------	--	--	-------------

Antimony	ND	1.9		mg/Kg-dry	10	8/24/2017
Arsenic	11	0.97		mg/Kg-dry	10	8/24/2017
Barium	76	0.97		mg/Kg-dry	10	8/24/2017
Beryllium	0.97	0.49		mg/Kg-dry	10	8/24/2017
Cadmium	ND	0.49		mg/Kg-dry	10	8/25/2017

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

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

STAT Analysis Corporation

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

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

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

Report Date: August 30, 2017

ANALYTICAL RESULTS

Print Date: August 30, 2017

Client: Huff & Huff, Inc.

Client Sample ID: 2597V-10-12 (0-4)

Work Order: 17080741 Revision 0

Tag Number:

Project: 81.0220509.08, 2597V-IL 53 at Hicks Road, Long

Collection Date: 8/21/2017 9:55:00 AM

Lab ID: 17080741-012B

Matrix: Soil

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

Metals by ICP/MS

SW6020 (SW3050B)

Prep Date: 8/23/2017

Analyst: JG

Calcium	59000	58		mg/Kg-dry	10	8/24/2017
Chromium	29	0.97		mg/Kg-dry	10	8/24/2017
Cobalt	13	0.97		mg/Kg-dry	10	8/24/2017
Copper	37	2.4		mg/Kg-dry	10	8/24/2017
Iron	37000	29		mg/Kg-dry	10	8/24/2017
Lead	25	0.49		mg/Kg-dry	10	8/24/2017
Magnesium	36000	29		mg/Kg-dry	10	8/24/2017
Manganese	510	0.97		mg/Kg-dry	10	8/24/2017
Nickel	42	0.97		mg/Kg-dry	10	8/24/2017
Potassium	2500	29		mg/Kg-dry	10	8/24/2017
Selenium	ND	0.97		mg/Kg-dry	10	8/24/2017
Silver	ND	0.97		mg/Kg-dry	10	8/24/2017
Sodium	1400	58		mg/Kg-dry	10	8/24/2017
Thallium	ND	0.97		mg/Kg-dry	10	8/24/2017
Vanadium	32	0.97		mg/Kg-dry	10	8/24/2017
Zinc	78	4.9		mg/Kg-dry	10	8/24/2017

SPLP Metals by ICP/MS

SW1312/6020 (SW3005A)

Prep Date: 8/25/2017

Analyst: JG

Arsenic	0.0054	0.0040		mg/L	2	8/26/2017
Barium	0.11	0.020		mg/L	2	8/26/2017
Beryllium	ND	0.0020		mg/L	2	8/26/2017
Cadmium	ND	0.0020		mg/L	2	8/26/2017
Chromium	0.012	0.0040		mg/L	2	8/26/2017
Cobalt	0.0043	0.0040		mg/L	2	8/26/2017
Copper	ND	0.040		mg/L	2	8/26/2017
Iron	11	0.10		mg/L	2	8/26/2017
Lead	0.0056	0.0020		mg/L	2	8/26/2017
Manganese	0.075	0.0040		mg/L	2	8/26/2017
Nickel	0.014	0.0040		mg/L	2	8/26/2017
Selenium	ND	0.0040		mg/L	2	8/26/2017
Silver	ND	0.0040		mg/L	2	8/26/2017
Zinc	0.032	0.020		mg/L	2	8/26/2017

TCLP Metals by ICP/MS

SW1311/6020 (SW3005A)

Prep Date: 8/25/2017

Analyst: JG

Arsenic	ND	0.010		mg/L	5	8/26/2017
Barium	0.83	0.050		mg/L	5	8/26/2017
Beryllium	ND	0.0050		mg/L	5	8/26/2017
Cadmium	ND	0.0050		mg/L	5	8/26/2017
Chromium	ND	0.010		mg/L	5	8/26/2017

Qualifiers:

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

* - Non-accredited parameter

H - Holding time exceeded

STAT Analysis Corporation

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

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

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

Report Date: August 30, 2017

ANALYTICAL RESULTS

Print Date: August 30, 2017

Client: Huff & Huff, Inc.

Client Sample ID: 2597V-10-12 (0-4)

Work Order: 17080741 Revision 0

Tag Number:

Project: 81.0220509.08, 2597V-IL 53 at Hicks Road, Long

Collection Date: 8/21/2017 9:55:00 AM

Lab ID: 17080741-012B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
TCLP Metals by ICP/MS	SW1311/6020 (SW3005A)		Prep Date: 8/25/2017		Analyst: JG	
Cobalt	0.088	0.010		mg/L	5	8/26/2017
Copper	ND	0.10		mg/L	5	8/26/2017
Iron	1.5	0.25		mg/L	5	8/26/2017
Lead	0.015	0.0050		mg/L	5	8/26/2017
Manganese	11	0.010		mg/L	5	8/26/2017
Nickel	0.090	0.010		mg/L	5	8/26/2017
Selenium	ND	0.010		mg/L	5	8/26/2017
Silver	ND	0.010		mg/L	5	8/26/2017
Zinc	0.20	0.050		mg/L	5	8/26/2017
TCLP Mercury	SW1311/7470A		Prep Date: 8/25/2017		Analyst: LB	
Mercury	ND	0.00020		mg/L	1	8/25/2017
SPLP Mercury	SW1312/7470A		Prep Date: 8/24/2017		Analyst: LB	
Mercury	ND	0.00025		mg/L	1	8/25/2017
Mercury	SW7471A		Prep Date: 8/24/2017		Analyst: LB	
Mercury	0.021	0.021		mg/Kg-dry	1	8/25/2017
pH (25 °C)	SW9045C		Prep Date: 8/25/2017		Analyst: RW	
pH	8.39			pH Units	1	8/25/2017
Percent Moisture	D2974		Prep Date: 8/24/2017		Analyst: KKA	
Percent Moisture	12.8	0.2	*	wt%	1	8/25/2017

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

HT - Sample received past holding time

* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

H - Holding time exceeded