

Environmental
Consulting,
Engineering and
Construction

Nutshell

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LIMITED PHASE II SUBSURFACE INVESTIGATION REPORT

SUBJECT PROPERTY

2 EXECUTIVE WAY
RANSON, WV 25438

Prepared for

American Public University System, And Affiliates
111 W. Congress Street
Charles Town, WV 25414

Prepared by:



Arthur A. Shellhouse

Certified Professional Environmental Auditor

August 31, 2010

The scope of work is limited to the activities and results contained in this report. Industry standards and procedures were followed to complete the scope of work. No other warranty expressed or implied is made.

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I. Review of Phase I Environmental Site Assessment – July 2010

A Phase I Environmental Site Assessment performed by Nutshell Enterprises Ltd. (Nutshell), in July 2010, noted the following environmental records associated with the subject property (2 Executive Way).

- 1) The state of West Virginia has designated the subject property as a RCRA¹ site
- 2) The former subject property tenant, Kidde Fire Fighting, was a small quantity generator of hazardous wastes. The EPA² issued a civil penalty fine of \$24,923.00 to Kidde Fire Fighting for failure to file required annual reports of lead and copper analyses, for the year 2006; Kidde Fire Fighting ceased operations at 2 Executive Way in 2006.
- 3) EPA designated the subject property a RCRA corrective action site. A review of a *RCRA Corrective Action Site Progress Profile*, dated June 14, 2010, reports that the site has not been examined for corrective action, and 1) at this site, there is currently insufficient information to determine whether human exposures are under control, and 2) at this site, there is currently insufficient information to determine if migration of contaminated groundwater is under control

REC's³ noted on surrounding properties included:

The subject is in an area known as the Commerce Corridor, with fifteen significant Brownfield's properties located within a 1.5 mile corridor. The subject property is not listed as a Brownfield's site; two adjoining properties are Brownfield's sites.

REC's noted on adjoining properties:

Viener Property: 310 N George Street

Historical uses of property located at 310 N George Street include a junk shop, scrap yard, location of petroleum storage tanks, and proximity to active railroad line. Prior Phase II investigations have quantified historic surface soil contamination at this location; contamination of shallow surface soils included heavy metals, petroleum, PCB's and SVOC's; deeper contamination of petroleum hydrocarbons has also been documented.

332 N. George Street

The adjoining property located to the northeast of the subject property is the site of an active automotive repair business. A history of documented petroleum releases to the subsurface at 332 N. George St., has been documented.

¹ Resource Conservation Recovery Act

² Environmental Protection Agency

³ Recognized Environmental Concerns, as defined by American Society for Testing and Materials (ASTM) Standard E 1527-05 for Phase I reporting

II. Phase II Recommendations

Based on environmental records located and reviewed during the commission of the Phase I investigation, Nutshell recommended the following:

Subsurface Soil Investigation

Conduct shallow subsurface soil sampling in the immediate perimeter of the on-site buildings, to determine current soil conditions in this area. Plans are in place to surface the metal exterior of the walls (of the existing buildings) with either brick or decorative concrete. Footers will need to be excavated to a depth of at least 30-inches below ground surface (bgs), to add the decorative facade to the exterior walls. This activity offered an opportunity to examine the subsurface soils for manifested signs of contamination, such as staining and odors. In addition, soil samples could be collected and analyzed for targeted EPA regulated soil contaminants.

Indoor Air Quality Testing

Advance several shallow borings through the concrete slab of the buildings, to collect soil vapor samples, via a vacuum pump. Analyze the soil vapor samples for EPA regulated VOC's⁴. This recommendation was reviewed by Ms. Dawn Seeburger, a noted toxicologist who has worked on several area EPA Brownfield's assessments, and is familiar with the subject property.

III. Revision to Phase II Recommendations

After completion of the Phase I investigation and submittal of the report to the Client, the current property owner made available (to Nutshell) a former due diligence environmental assessment that was performed and detailed in a comprehensive report dated 11/30/2007. The 2007 report included prior reports of a lead cleanup project, and a subsurface investigation that was performed in November 1996, at the subject property.

Upon review (by Nutshell) of the previously unavailable reports and research and study of the former Maytag properties in the immediate area and on site, it was mutually agreed by Nutshell, the Seller and the Client to perform a minimal number of building perimeter soil borings and to collect samples to be analyzed for parameters that were not analyzed in the 2007 investigation: Total Petroleum Hydrocarbons-Diesel Range Organics (TPH-DRO); PAH's (semi-volatile organic compounds); VOC's.

Eight *shallow* soil borings will be advanced on the perimeter grounds of the large onsite building. Samples will be obtained at depths of 0.5 feet to 1.5 feet bgs and at 5-feet to 6-feet bgs.

⁴ Volatile Organic Compounds

Five *deep* soil borings will be advanced on the grounds. Soil samples will be collected and analyzed for the same parameters as stated above, with the addition of Total Metals.

It was mutually agreed by Nutshell and the Client that interior soil borings to collect vapor samples is not required, as interior soil samples were collected and analyzed during the 2007 investigation. No VOC's were detected in the samples. As no VOC's were present in the soil samples, vapor migration into the future workplace inside the buildings is not indicated.

IV. Subsurface Investigation – August 9, 2010

A direct-push, hydraulic rig was mobilized to the site on August 9, 2010, by licensed well drillers, B.L. Myers, to perform the soil borings. The boring locations (shallow & deep) were marked, making certain to avoid utilities that had been marked on site. Some previously selected boring locations were slightly re-located to avoid damage to shrubbery, or due to inability to access the location with the drilling equipment.

Shallow Borings – 4' bgs

Eight shallow soil borings (S-1, S-2, S-3, S-4, S-5, S-6, S-7, S-8) were each advanced to a depth of 4-feet bgs. Seven of the borings were sited on three sides of the large on-site building and one of the shallow borings (S-2) was advanced beside the smaller on-site tooling building.

Deep Borings – 8' bgs

Three deep soil borings (B-2, B-3, B-5) were each advanced to a depth of 8-feet bgs. Refusal was encountered in borings B-1 and B-4 at 3.5' bgs. The site appears to have heavy shallow concentrations of rock in many areas. Two attempts were necessary to advance borings B-1, B-3 and B-4. Four attempts were necessary to advance boring B-5.

The borings were sited near the property boundaries, in particular to the boundaries that adjoin properties with a known history of environmental subsurface contamination. Three of the borings (B-3, B-4, B-5) were sited in the asphalt parking lot, due to previous reports of a potential release in the area. These borings (B-3, B-4, B-5) were sited near the parking lot storm water catch basins, with knowledge that the pipe connection for the catch basin was buried more than 4-feet below grade, which meant that little stone should be encountered. Borings B-3 and B-5 could be advanced to 8-feet bgs, but boring B-4 encountered refusal at 3.5' bgs.

In-Field Soil Core Sample Screening

Soil boring core samples were screened, using a photo ionization detector (PID) to detect the presence of VOC's. Soil core samples were screened at every 1-foot interval of depth. The soil samples were obtained in an individual acetate sleeve which was opened in the

field and the soil contents were classified by the on-site geologist. The soil conditions are described in the attached Soil Sampling Data log.

Soil Sampling

A total of eight soil samples were collected from the deep borings B-1 through B-5.

Boring ID	# Samples Collected	Sample(s) ID	Depth Sample Collected (ft) (bgs)
B-1	1	B-1 S	0.5-1.5
B-2	2	B-2 S; B-2 D	0.5-1.5; 5-6
B-3	2	B-3 S; B-3 D	0.5-1.5; 5-6
B-4	1	B-4 S	0.5-1.5
B-5	2	B-5 S; B-5 D	0.5-1-5; 5-6

One composite sample was collected from each of the shallow soil borings, S-1 through S-8. The *shallow* samples were mixed to represent the entire depth of soil conditions.

Sampling Protocol

The samples were collected in laboratory-prepared containers, placed on ice and delivered to Caliber Analytical Laboratories, Towson, MD.

The *deep* borings samples were analyzed for Polycyclic Aromatic Hydrocarbons (PAH's), using EPA method 8270C; VOC's + fuel oxygenates, using EPA method 8260B; Total Phase Hydrocarbons-Diesel Range Organics (TPH-DRO), using EPA method 8015C, and Total Phase Hydrocarbons-High Range Organics (TPH-HRO)⁵.

The *shallow* borings samples were analyzed for Maryland Clean Fill Parameters⁶: Asbestos, using EPA method 600; Polychlorinated Biphenyls (PCB's), using EPA method 8082; Semi volatiles, using EPA method 8270C, VOC's + fuel oxygenates, using EPA method 8260B; Total Metals, using EPA method 6020A; TPH-DRO, using EPA method 8015C; Total Phase Hydrocarbon-Gasoline Range Organics (TPH-GRO), using EPA method 8015C.

Pesticides and herbicides analyses is also required to obtain Maryland "clean fill" status; however, based on the history of prior uses of the subject property (which do not indicate that these compounds would be expected to be present on the property) and the high cost of performing the analyses, these parameters were not investigated.

⁵ TPH-HRO (lube oil, hydraulic oil, used oil, etc.)

⁶ Parameters used by Maryland Department of the Environment to determine "clean soil" status as defined by the Voluntary Cleanup Sites or Brownfield's Sites.

V. Results

In-Field Screening: PID Results

Deep Soil Borings PID Results: B-1 through B-5

No PID results were recorded in borings B-1 or B-2.

Boring ID	Depth (bgs)	PID Result (ppm)
B-3	2	132
	4	63
B-4	1	377
	2	26.4
B-5	2	276
	3	42.8
	4	9.8

ppm = parts per million

Shallow Soil Borings PID Result: S-1 through S-8

No PID results were recorded in any of the shallow soil borings, except boring S-7.

Boring ID	Depth (bgs)	PID Result (ppm)
S-7	0.5	430
	1.5	141
	3.3	31.3

ppm = parts per million

Soil Sampling – Deep Soil Borings: B-1 through B-5 Sampling Date: 8/9/2010

Boring ID	Sample ID	PAH ug/kg	VOC's ug/kg	TPH-DRO mg/kg	TPH-HRO mg/kg
B-1	B-1 S	Benzo[b]fluoranthene Result = 120	ND	ND	ND
B-2	B-2 S	Benzo[b]fluoranthene Result = 130	ND	ND	19
B-2	B-2 D	ND	ND	ND	14
B-3	B-3 S	ND	ND	ND	14
B-3	B-3 D	ND	ND	ND	ND
B-4	B-4 S	ND	ND	ND	ND
B-5	B-5 S	ND	ND	16	17
B-5	B-5 D	ND	ND	ND	ND

ND = not detected

Soil Sampling – Shallow Soil Borings: S-1 through S-8 Sampling Date: 8/9/2010

Sample ID	Asbestos %	PCB's mg/kg	SVOC's ug/kg	VOC's ug/kg	TPH-DRO mg/kg	TPH-GRO mg/kg
S-1	ND	ND	ND	ND	ND	ND
S-2	ND	ND	ND	ND	ND	ND
S-3	ND	ND	ND	ND	ND	ND
S-4	ND	ND	ND	ND	ND	ND
S-5	Present	Aroclor 1262 Result = 32	ND	ND	66	ND
S-6	ND	ND	ND	ND	25	ND
S-7	ND	ND	Bis(2-ethylhexyl) phthalate Result = 9,200	ND	48	ND
S-8	Present	Aroclor 1260 Result=0.52	Napthalene Result =120 ----- 2-methylnaphthalene Result =120 ----- Phenanthrene Result=590 Anthracene Result=580 ----- Di-n-butyl phthalate Result=220 ----- Flouranthene Result = 1,000 ----- Pyrene Result = 1,000 ----- 3,3-Dichlorobenzine Result=120 ----- Benzo[a]anthracene Result = 620 ----- Chrysene Result = 690 ----- Bis (2-ethylhexyl) phthalate Result = 260 ----- Benzo[b]floroanthene Result = 1,900 ----- Benzo[k]floroanthene Result = 760 ----- Benzo[a]pyrene Result = 920 ----- Indeno[1,2,3- cd]pyrene Result = 360 ----- Dibenz[a,h]anthracene Result = 140 ----- Benzo[g,h,i]perylene Result = 400	ND	280	ND

Total Metals Results - Shallow Soil Boring: S1 through S-8 Sample Date: 8/9/2010

S ID	Sb	As	Be	Cd	Cr	Cu	Pb	Hg	Ni	Se	Ag	Tl	Zn
S-1	ND	1.4	ND	ND	13	3.4	2.6	ND	4.4	ND	ND	ND	13
S-2	ND	2.7	ND	ND	20	15	23	0.10	18	ND	ND	ND	25
S-3	ND	2.3	ND	ND	ND	3.0	20	ND	5.3	ND	ND	ND	13
S-4	ND	3.4	ND	ND	14	22	46	0.11	17	ND	ND	ND	53
S-5	ND	5.9	ND	2.7	25	210	800	2.3	27	ND	ND	ND	630
S-6	ND	1.4	2.5	ND	26	14	28	0.14	33	ND	ND	ND	48
S-7	ND	12	ND	30	30	200	160	0.16	15	2.2	ND	ND	160
S-8	ND	5.3	ND	20	39	1,300	1,400	2.3	34	ND	ND	ND	1,800

Results reported in mg/kg; S ID = Sample ID ND = not detected

Sb = antimony As = arsenic Be = beryllium Cd = cadmium Cr = chromium Cu = copper Pb = Lead Hg = mercury Ni = nickel
Se = selenium Ag = silver Tl = thallium Zn = zincs

VI. Observations & Conclusions

There are two appendices containing laboratory data resulting from the analysis of the soil samples. The synopsis chart prepared by the laboratory only identifies the parameters in each boring that had a detectable level of contamination. The laboratory does not specify whether the concentrations are below or above any recommended cleanup or exposure level, and are merely presented to indicate that there were contaminants encountered in some of the samples.

An analysis of the deeper boring analyses indicates that only one semi-volatile organic compound was found in the shallow samples taken in B-1 and B-2. Very low concentrations of TPH-DRO and TPH-HRO petroleum was encountered in shallow and deep samples in B-2, B-3 and B-5.

The shallow soil samples encountered levels of heavy metals, including arsenic, chromium, copper, lead, nickel, zinc, cadmium, beryllium, selenium and mercury. Asbestos was found in samples S-5 and S-8. PCB-Anaclar 1262 was found in samples S-5 and S-8.

TPH-DRO was found in samples S-5, S-6, S-7 and S-8. Several semi-volatile organic compounds (PAH's) were found in samples S-5, S-7 and S-8.

The individual sample analyses are contained in the enclosed Caliber Analytical Services Certificate of Analyses report, dated August 19, 2010, pages 1-56. The Chain-of-Custody forms are enclosed at the conclusion of the analytical report.

There are di minimus levels of several soil contaminants in the various samples; however a review and comparison of the analytical data with published EPA residential and non-residential soil cleanup standards indicates that there are very few samples that contain any levels of soil contamination that would be considered for abatement, removal, or encapsulation.

Samples S-2, S-3, S-4, S-5, S-7 and S-8 had elevated levels of arsenic, ranging from just above the published cleanup standard of 1.9 mg/kg for non-residential properties, to a

maximum of 12 mg/kg. It is noted that arsenic was encountered in the 2007 investigation, with many samples having higher levels than those encountered in the study. As arsenic is a naturally occurring element in soils, the levels encountered in this study are not to be considered as "contaminated", but are most probably the levels encountered in many soils in the nearby area.

Lead was encountered in sample S-8, near the front entrance on the southeast side of the building. The lead level of 1,400 mg/kg exceeds the published EPA standard of 1,000 mg/kg.

Minimum contamination was detected in any of the reference samples conducted in the perimeter and southern parking lot areas. Elevated levels of arsenic in many of the samples is interpreted as being typical background levels for the property and area.

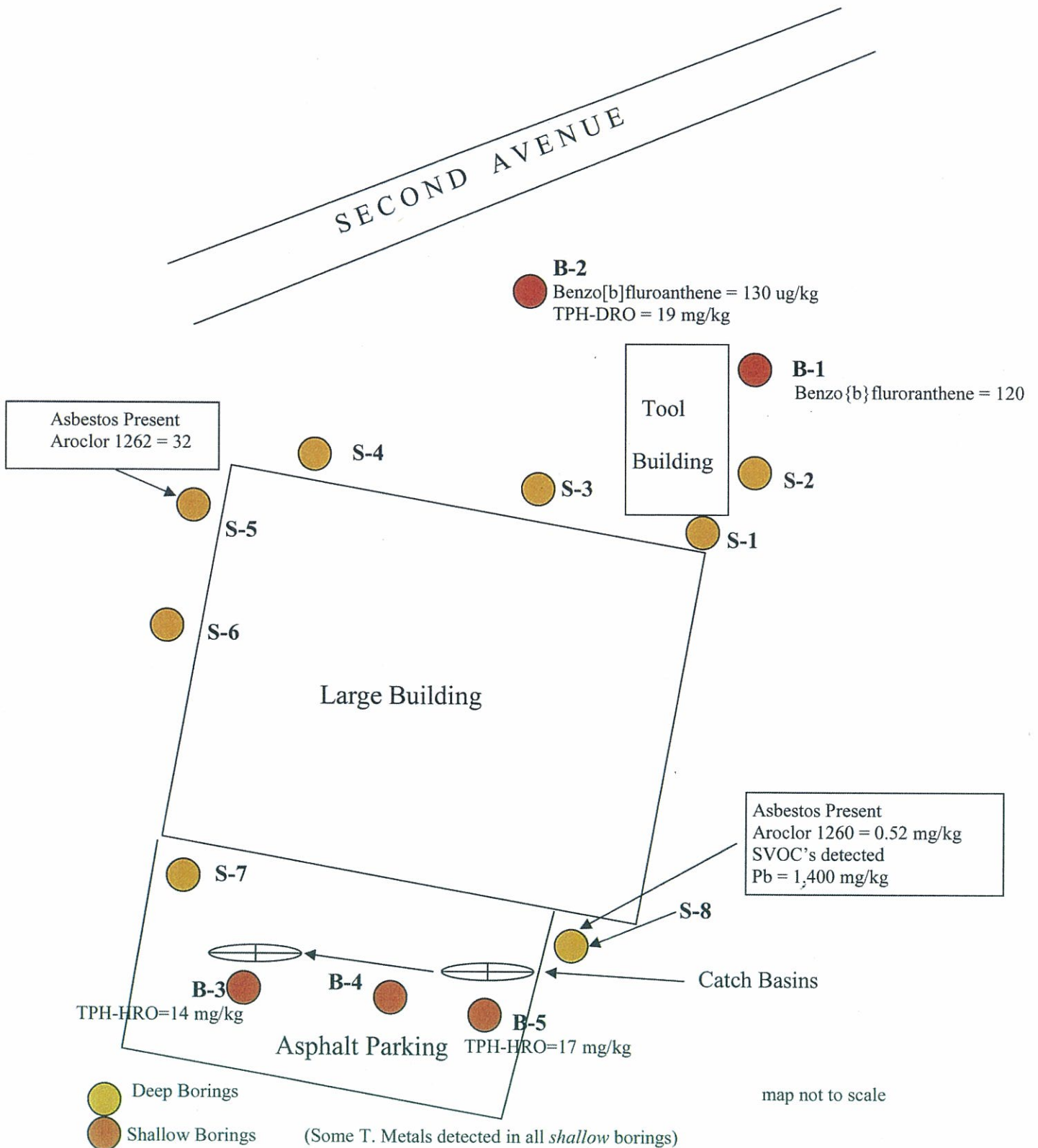
Lead was detected in one *shallow* sample. This non-typical result is most likely an outlier condition that is not typical of shallow or deeper soils on the property.

The analytical data indicates that there is di minimus levels of several regulated soil contaminants at this property. The shallow soil excavation around the perimeter of the building is not contaminated, and could be removed as normal soil during any future excavation.



**2 Executive Way
Ranson, WV 25438**

BORINGS LOCATIONS MAP
2 EXECUTIVE WAY
RANSON, WV
August 9, 2010



APPENDIX 1

List of Laboratory "Hits"

10081002 Hits
2 Executive Way Ranson, WV

Client_Sample_ID	Analysis	Result	Units	Date_Sampled	Sample_Number
B-1 S	Benzo[b]fluoranthene	120	ug/kg	8/9/2010	10081002-01
B-2 S	High Range Organics	19	mg/kg	8/9/2010	10081002-02
B-2 S	Benzo[b]fluoranthene	130	ug/kg	8/9/2010	10081002-02
B-2 D	High Range Organics	14	mg/kg	8/9/2010	10081002-03
B-3 S	High Range Organics	14	mg/kg	8/9/2010	10081002-04
B-5 S	Diesel Range Organics	16	mg/kg	8/9/2010	10081002-07
B-5 S	High Range Organics	17	mg/kg	8/9/2010	10081002-07
S-1	Arsenic	1.4	mg/kg	8/9/2010	10081002-09
S-1	Chromium	13	mg/kg	8/9/2010	10081002-09
S-1	Copper	3.4	mg/kg	8/9/2010	10081002-09
S-1	Lead	2.6	mg/kg	8/9/2010	10081002-09
S-1	Nickel	4.4	mg/kg	8/9/2010	10081002-09
S-1	Zinc	13	mg/kg	8/9/2010	10081002-09
S-2	Arsenic	2.7	mg/kg	8/9/2010	10081002-10
S-2	Chromium	20	mg/kg	8/9/2010	10081002-10
S-2	Copper	15	mg/kg	8/9/2010	10081002-10
S-2	Lead	23	mg/kg	8/9/2010	10081002-10
S-2	Mercury	0.1	mg/kg	8/9/2010	10081002-10
S-2	Nickel	18	mg/kg	8/9/2010	10081002-10
S-2	Zinc	25	mg/kg	8/9/2010	10081002-10
S-3	Arsenic	2.3	mg/kg	8/9/2010	10081002-11
S-3	Copper	3	mg/kg	8/9/2010	10081002-11
S-3	Lead	20	mg/kg	8/9/2010	10081002-11
S-3	Nickel	5.3	mg/kg	8/9/2010	10081002-11
S-3	Zinc	13	mg/kg	8/9/2010	10081002-11
S-4	Arsenic	3.4	mg/kg	8/9/2010	10081002-12
S-4	Chromium	14	mg/kg	8/9/2010	10081002-12
S-4	Copper	22	mg/kg	8/9/2010	10081002-12
S-4	Lead	46	mg/kg	8/9/2010	10081002-12
S-4	Mercury	0.11	mg/kg	8/9/2010	10081002-12
S-4	Nickel	17	mg/kg	8/9/2010	10081002-12
S-4	Zinc	53	mg/kg	8/9/2010	10081002-12
S-5	Asbestos	Chrysotile	Present	8/9/2010	10081002-13
S-5	Diesel Range Organics	66	mg/kg	8/9/2010	10081002-13
S-5	Aroclor 1262	32	mg/kg	8/9/2010	10081002-13
S-5	Arsenic	5.9	mg/kg	8/9/2010	10081002-13
S-5	Cadmium	2.7	mg/kg	8/9/2010	10081002-13
S-5	Chromium	25	mg/kg	8/9/2010	10081002-13
S-5	Copper	210	mg/kg	8/9/2010	10081002-13
S-5	Lead	800	mg/kg	8/9/2010	10081002-13
S-5	Mercury	2.3	mg/kg	8/9/2010	10081002-13
S-5	Nickel	27	mg/kg	8/9/2010	10081002-13
S-5	Zinc	630	mg/kg	8/9/2010	10081002-13

10081002 Hits
2 Executive Way Ranson, WV

Client_Sample_ID	Analysis	Result	Units	Date_Sampled	Sample_Number
S-5	Phenanthrene	150	ug/kg	8/9/2010	10081002-13
S-5	Anthracene	150	ug/kg	8/9/2010	10081002-13
S-5	Fluoranthene	310	ug/kg	8/9/2010	10081002-13
S-5	Pyrene	270	ug/kg	8/9/2010	10081002-13
S-5	Benzo[a]anthracene	200	ug/kg	8/9/2010	10081002-13
S-5	Chrysene	230	ug/kg	8/9/2010	10081002-13
S-5	Bis (2-ethylhexyl) phthalate	150	ug/kg	8/9/2010	10081002-13
S-5	Benzo[b]fluoranthene	470	ug/kg	8/9/2010	10081002-13
S-5	Benzo[k]fluoranthene	250	ug/kg	8/9/2010	10081002-13
S-5	Benzo[a]pyrene	390	ug/kg	8/9/2010	10081002-13
S-5	Indeno[1,2,3-cd]pyrene	130	ug/kg	8/9/2010	10081002-13
S-5	Benzo[g,h,i]perylene	130	ug/kg	8/9/2010	10081002-13
S-6	Diesel Range Organics	25	mg/kg	8/9/2010	10081002-14
S-6	Arsenic	1.4	mg/kg	8/9/2010	10081002-14
S-6	Beryllium	2.5	mg/kg	8/9/2010	10081002-14
S-6	Chromium	26	mg/kg	8/9/2010	10081002-14
S-6	Copper	14	mg/kg	8/9/2010	10081002-14
S-6	Lead	28	mg/kg	8/9/2010	10081002-14
S-6	Mercury	0.14	mg/kg	8/9/2010	10081002-14
S-6	Nickel	33	mg/kg	8/9/2010	10081002-14
S-6	Zinc	48	mg/kg	8/9/2010	10081002-14
S-7	Diesel Range Organics	48	mg/kg	8/9/2010	10081002-15
S-7	Arsenic	12	mg/kg	8/9/2010	10081002-15
S-7	Cadmium	30	mg/kg	8/9/2010	10081002-15
S-7	Chromium	30	mg/kg	8/9/2010	10081002-15
S-7	Copper	200	mg/kg	8/9/2010	10081002-15
S-7	Lead	160	mg/kg	8/9/2010	10081002-15
S-7	Mercury	0.16	mg/kg	8/9/2010	10081002-15
S-7	Nickel	15	mg/kg	8/9/2010	10081002-15
S-7	Selenium	2.2	mg/kg	8/9/2010	10081002-15
S-7	Zinc	160	mg/kg	8/9/2010	10081002-15
S-7	Bis (2-ethylhexyl) phthalate	9200	ug/kg	8/9/2010	10081002-15
S-7	Benzo[b]fluoranthene	110	ug/kg	8/9/2010	10081002-15
S-8	Asbestos	Chrysotile	Present	8/9/2010	10081002-16
S-8	Diesel Range Organics	280	mg/kg	8/9/2010	10081002-16
S-8	Aroclor 1260	0.52	mg/kg	8/9/2010	10081002-16
S-8	Arsenic	5.3	mg/kg	8/9/2010	10081002-16
S-8	Cadmium	20	mg/kg	8/9/2010	10081002-16
S-8	Chromium	39	mg/kg	8/9/2010	10081002-16
S-8	Copper	1300	mg/kg	8/9/2010	10081002-16
S-8	Lead	1400	mg/kg	8/9/2010	10081002-16
S-8	Mercury	2.3	mg/kg	8/9/2010	10081002-16
S-8	Nickel	34	mg/kg	8/9/2010	10081002-16

10081002 Hits
2 Executive Way Ranson, WV

Client_Sample_ID	Analysis	Result	Units	Date_Sampled	Sample_Number
S-8	Zinc	1800	mg/kg	8/9/2010	10081002-16
S-8	Naphthalene`	120	ug/kg	8/9/2010	10081002-16
S-8	2-Methylnaphthalene	120	ug/kg	8/9/2010	10081002-16
S-8	Phenanthrene	590	ug/kg	8/9/2010	10081002-16
S-8	Anthracene	580	ug/kg	8/9/2010	10081002-16
S-8	Di-n-butyl phthalate	220	ug/kg	8/9/2010	10081002-16
S-8	Fluoranthene	1000	ug/kg	8/9/2010	10081002-16
S-8	Pyrene	1000	ug/kg	8/9/2010	10081002-16
S-8	Butyl benzyl phthalate	120	ug/kg	8/9/2010	10081002-16
S-8	Benzo[a]anthracene	620	ug/kg	8/9/2010	10081002-16
S-8	Chrysene	690	ug/kg	8/9/2010	10081002-16
S-8	Bis (2-ethylhexyl) phthalate	260	ug/kg	8/9/2010	10081002-16
S-8	Benzo[b]fluoranthene	1900	ug/kg	8/9/2010	10081002-16
S-8	Benzo[k]fluoranthene	760	ug/kg	8/9/2010	10081002-16
S-8	Benzo[a]pyrene	920	ug/kg	8/9/2010	10081002-16
S-8	Indeno[1,2,3-cd]pyrene	360	ug/kg	8/9/2010	10081002-16
S-8	Dibenz[a,h]anthracene	140	ug/kg	8/9/2010	10081002-16
S-8	Benzo[g,h,i]perylene	400	ug/kg	8/9/2010	10081002-16

APPENDIX 2

CERTIFICATE OF ANALYSIS & CHAIN OF CUSTODY DOCUMENT



CALIBER ANALYTICAL SERVICES

Certificate of Analysis

Nutshell Enterprises
4059 Norrisville Road
Jarrettsville, MD 21084

Date Sampled: 08/09/10 16:00
Date Received: 08/10/10 9:25
Date Issued: 08/19/10

Project: 2 Executive Way
Site Location: Ranson, WV

SDG Number: 10081002

Field Sample ID: S-1 Matrix: Soil Lab ID: 10081002-09

	Result	Unit	LLQ	Method	Prepared	Analyzed	Init.
Bulk Asbestos							
Asbestos	ND	%	1	EPA-600/4-82-020	08/18/10	08/18/10	EL
Percent Solids							
Percent Solids	98	%		SM2540G	08/12/10	08/12/10 10:54	LMJ
Polychlorinated Biphenyls							
Aroclor 1016	ND	mg/kg	0.047	EPA 8082	08/16/10	08/16/10 17:33	AC
Aroclor 1221	ND	mg/kg	0.047	EPA 8082	08/16/10	08/16/10 17:33	AC
Aroclor 1232	ND	mg/kg	0.047	EPA 8082	08/16/10	08/16/10 17:33	AC
Aroclor 1242	ND	mg/kg	0.047	EPA 8082	08/16/10	08/16/10 17:33	AC
Aroclor 1248	ND	mg/kg	0.047	EPA 8082	08/16/10	08/16/10 17:33	AC
Aroclor 1254	ND	mg/kg	0.047	EPA 8082	08/16/10	08/16/10 17:33	AC
Aroclor 1260	ND	mg/kg	0.047	EPA 8082	08/16/10	08/16/10 17:33	AC

Target Compound List - SEMIVOLATILES

Phenol	ND	ug/kg	98	EPA 8270C	08/17/10	08/17/10 19:56	CBS
Bis (2-chloroethyl) ether	ND	ug/kg	98	EPA 8270C	08/17/10	08/17/10 19:56	CBS
2-Chlorophenol	ND	ug/kg	98	EPA 8270C	08/17/10	08/17/10 19:56	CBS
2-Methylphenol	ND	ug/kg	98	EPA 8270C	08/17/10	08/17/10 19:56	CBS
Bis (2-chloroisopropyl) ether	ND	ug/kg	98	EPA 8270C	08/17/10	08/17/10 19:56	CBS
Acetophenone	ND	ug/kg	98	EPA 8270C	08/17/10	08/17/10 19:56	CBS
4-Methylphenol	ND	ug/kg	98	EPA 8270C	08/17/10	08/17/10 19:56	CBS
N-Nitroso-di-n-propylamine	ND	ug/kg	98	EPA 8270C	08/17/10	08/17/10 19:56	CBS
Hexachloroethane	ND	ug/kg	98	EPA 8270C	08/17/10	08/17/10 19:56	CBS
Nitrobenzene	ND	ug/kg	98	EPA 8270C	08/17/10	08/17/10 19:56	CBS
Isophorone	ND	ug/kg	98	EPA 8270C	08/17/10	08/17/10 19:56	CBS
2-Nitrophenol	ND	ug/kg	98	EPA 8270C	08/17/10	08/17/10 19:56	CBS
2,4-Dimethylphenol	ND	ug/kg	98	EPA 8270C	08/17/10	08/17/10 19:56	CBS
Bis (2-chloroethoxy) methane	ND	ug/kg	98	EPA 8270C	08/17/10	08/17/10 19:56	CBS
2,4-Dichlorophenol	ND	ug/kg	98	EPA 8270C	08/17/10	08/17/10 19:56	CBS
Naphthalene	ND	ug/kg	98	EPA 8270C	08/17/10	08/17/10 19:56	CBS
4-Chloroaniline	ND	ug/kg	98	EPA 8270C	08/17/10	08/17/10 19:56	CBS
Hexachlorobutadiene	ND	ug/kg	98	EPA 8270C	08/17/10	08/17/10 19:56	CBS
Caprolactam	ND	ug/kg	98	EPA 8270C	08/17/10	08/17/10 19:56	CBS
4-Chloro-3-methylphenol	ND	ug/kg	98	EPA 8270C	08/17/10	08/17/10 19:56	CBS
2-Methylnaphthalene	ND	ug/kg	98	EPA 8270C	08/17/10	08/17/10 19:56	CBS
Hexachlorocyclopentadiene	ND	ug/kg	98	EPA 8270C	08/17/10	08/17/10 19:56	CBS
2,4,6-Trichlorophenol	ND	ug/kg	98	EPA 8270C	08/17/10	08/17/10 19:56	CBS
2,4,5-Trichlorophenol	ND	ug/kg	240	EPA 8270C	08/17/10	08/17/10 19:56	CBS
1,1-Biphenyl	ND	ug/kg	98	EPA 8270C	08/17/10	08/17/10 19:56	CBS
2-Chloronaphthalene	ND	ug/kg	98	EPA 8270C	08/17/10	08/17/10 19:56	CBS
2-Nitroaniline	ND	ug/kg	240	EPA 8270C	08/17/10	08/17/10 19:56	CBS



CALIBER ANALYTICAL SERVICES

Certificate of Analysis

Nutshell Enterprises
4059 Norrisville Road
Jarrettsville, MD 21084

Date Sampled: 08/09/10 16:00
Date Received: 08/10/10 9:25
Date Issued: 08/19/10

Project: 2 Executive Way
Site Location: Ranson, WV

SDG Number: 10081002

Field Sample ID: S-1

Matrix: Soil

Lab ID: 10081002-09

	Result	Unit	LLQ	Method	Prepared	Analyzed	Init.
Target Compound List - SEMIVOLATILES							
Dimethyl phthalate	ND	ug/kg	98	EPA 8270C	08/17/10	08/17/10 19:56	CBS
2,6-Dinitrotoluene	ND	ug/kg	98	EPA 8270C	08/17/10	08/17/10 19:56	CBS
Acenaphthylene	ND	ug/kg	98	EPA 8270C	08/17/10	08/17/10 19:56	CBS
3-Nitroaniline	ND	ug/kg	240	EPA 8270C	08/17/10	08/17/10 19:56	CBS
Acenaphthene	ND	ug/kg	98	EPA 8270C	08/17/10	08/17/10 19:56	CBS
2,4-Dinitrophenol	ND	ug/kg	240	EPA 8270C	08/17/10	08/17/10 19:56	CBS
4-Nitrophenol	ND	ug/kg	240	EPA 8270C	08/17/10	08/17/10 19:56	CBS
Dibenzofuran	ND	ug/kg	98	EPA 8270C	08/17/10	08/17/10 19:56	CBS
2,4-Dinitrotoluene	ND	ug/kg	98	EPA 8270C	08/17/10	08/17/10 19:56	CBS
Diethyl phthalate	ND	ug/kg	98	EPA 8270C	08/17/10	08/17/10 19:56	CBS
Fluorene	ND	ug/kg	98	EPA 8270C	08/17/10	08/17/10 19:56	CBS
4-Chlorophenyl phenyl ether	ND	ug/kg	98	EPA 8270C	08/17/10	08/17/10 19:56	CBS
4-Nitroaniline	ND	ug/kg	240	EPA 8270C	08/17/10	08/17/10 19:56	CBS
4,6-Dinitro-2-methylphenol	ND	ug/kg	230	EPA 8270C	08/17/10	08/17/10 19:56	CBS
N-Nitrosodiphenylamine	ND	ug/kg	98	EPA 8270C	08/17/10	08/17/10 19:56	CBS
4-Bromophenyl phenyl ether	ND	ug/kg	98	EPA 8270C	08/17/10	08/17/10 19:56	CBS
Hexachlorobenzene	ND	ug/kg	98	EPA 8270C	08/17/10	08/17/10 19:56	CBS
Atrazine	ND	ug/kg	98	EPA 8270C	08/17/10	08/17/10 19:56	CBS
Pentachlorophenol	ND	ug/kg	240	EPA 8270C	08/17/10	08/17/10 19:56	CBS
Phenanthrene	ND	ug/kg	98	EPA 8270C	08/17/10	08/17/10 19:56	CBS
Anthracene	ND	ug/kg	98	EPA 8270C	08/17/10	08/17/10 19:56	CBS
Carbazole	ND	ug/kg	98	EPA 8270C	08/17/10	08/17/10 19:56	CBS
Di-n-butyl phthalate	ND	ug/kg	98	EPA 8270C	08/17/10	08/17/10 19:56	CBS
Fluoranthene	ND	ug/kg	98	EPA 8270C	08/17/10	08/17/10 19:56	CBS
Pyrene	ND	ug/kg	98	EPA 8270C	08/17/10	08/17/10 19:56	CBS
Butyl benzyl phthalate	ND	ug/kg	98	EPA 8270C	08/17/10	08/17/10 19:56	CBS
3,3-Dichlorobenzidine	ND	ug/kg	98	EPA 8270C	08/17/10	08/17/10 19:56	CBS
Benzo[a]anthracene	ND	ug/kg	98	EPA 8270C	08/17/10	08/17/10 19:56	CBS
Chrysene	ND	ug/kg	98	EPA 8270C	08/17/10	08/17/10 19:56	CBS
Bis (2-ethylhexyl) phthalate	ND	ug/kg	98	EPA 8270C	08/17/10	08/17/10 19:56	CBS
Di-n-octyl phthalate	ND	ug/kg	98	EPA 8270C	08/17/10	08/17/10 19:56	CBS
Benzo[b]fluoranthene	ND	ug/kg	98	EPA 8270C	08/17/10	08/17/10 19:56	CBS
Benzo[k]fluoranthene	ND	ug/kg	98	EPA 8270C	08/17/10	08/17/10 19:56	CBS
Benzo[a]pyrene	ND	ug/kg	98	EPA 8270C	08/17/10	08/17/10 19:56	CBS
Indeno[1,2,3-cd]pyrene	ND	ug/kg	98	EPA 8270C	08/17/10	08/17/10 19:56	CBS
Dibenz[a,h]anthracene	ND	ug/kg	98	EPA 8270C	08/17/10	08/17/10 19:56	CBS
Benzo[g,h,i]perylene	ND	ug/kg	98	EPA 8270C	08/17/10	08/17/10 19:56	CBS

Target Compound List - VOLATILES

Dichlorodifluoromethane	ND	ug/kg	5	EPA 8260B	08/17/10	08/17/10 0:27	JKL
Chloromethane	ND	ug/kg	5	EPA 8260B	08/17/10	08/17/10 0:27	JKL



CALIBER ANALYTICAL SERVICES

Certificate of Analysis

Nutshell Enterprises
4059 Norrisville Road
Jarrettsville, MD 21084

Date Sampled: 08/09/10 16:00
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Date Issued: 08/19/10

Project: 2 Executive Way
Site Location: Ranson, WV

SDG Number: 10081002

Field Sample ID: S-1 Matrix: Soil Lab ID: 10081002-09

	Result	Unit	LLQ	Method	Prepared	Analyzed	Init.
Target Compound List - VOLATILES							
Vinyl chloride	ND	ug/kg	5	EPA 8260B	08/17/10	08/17/10 0:27	JKL
Bromomethane	ND	ug/kg	5	EPA 8260B	08/17/10	08/17/10 0:27	JKL
Chloroethane	ND	ug/kg	5	EPA 8260B	08/17/10	08/17/10 0:27	JKL
Trichlorofluoromethane	ND	ug/kg	5	EPA 8260B	08/17/10	08/17/10 0:27	JKL
1,1-Dichloroethene	ND	ug/kg	5	EPA 8260B	08/17/10	08/17/10 0:27	JKL
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	5	EPA 8260B	08/17/10	08/17/10 0:27	JKL
Acetone	ND	ug/kg	46	EPA 8260B	08/17/10	08/17/10 0:27	JKL
Carbon disulfide	ND	ug/kg	9	EPA 8260B	08/17/10	08/17/10 0:27	JKL
Methyl acetate	ND	ug/kg	23	EPA 8260B	08/17/10	08/17/10 0:27	JKL
Methylene chloride	ND	ug/kg	23	EPA 8260B	08/17/10	08/17/10 0:27	JKL
trans-1,2-Dichloroethene	ND	ug/kg	5	EPA 8260B	08/17/10	08/17/10 0:27	JKL
Methyl t-butyl ether (MTBE)	ND	ug/kg	5	EPA 8260B	08/17/10	08/17/10 0:27	JKL
1,1-Dichloroethane	ND	ug/kg	5	EPA 8260B	08/17/10	08/17/10 0:27	JKL
cis-1,2-Dichloroethene	ND	ug/kg	5	EPA 8260B	08/17/10	08/17/10 0:27	JKL
2-Butanone (MEK)	ND	ug/kg	46	EPA 8260B	08/17/10	08/17/10 0:27	JKL
Chloroform	ND	ug/kg	5	EPA 8260B	08/17/10	08/17/10 0:27	JKL
1,1,1-Trichloroethane	ND	ug/kg	5	EPA 8260B	08/17/10	08/17/10 0:27	JKL
Cyclohexane	ND	ug/kg	5	EPA 8260B	08/17/10	08/17/10 0:27	JKL
Carbon tetrachloride	ND	ug/kg	5	EPA 8260B	08/17/10	08/17/10 0:27	JKL
Benzene	ND	ug/kg	5	EPA 8260B	08/17/10	08/17/10 0:27	JKL
1,2-Dichloroethane	ND	ug/kg	5	EPA 8260B	08/17/10	08/17/10 0:27	JKL
Trichloroethene	ND	ug/kg	5	EPA 8260B	08/17/10	08/17/10 0:27	JKL
Methylcyclohexane	ND	ug/kg	5	EPA 8260B	08/17/10	08/17/10 0:27	JKL
1,2-Dichloropropane	ND	ug/kg	5	EPA 8260B	08/17/10	08/17/10 0:27	JKL
Bromodichloromethane	ND	ug/kg	5	EPA 8260B	08/17/10	08/17/10 0:27	JKL
cis-1,3-Dichloropropene	ND	ug/kg	5	EPA 8260B	08/17/10	08/17/10 0:27	JKL
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	9	EPA 8260B	08/17/10	08/17/10 0:27	JKL
Toluene	ND	ug/kg	5	EPA 8260B	08/17/10	08/17/10 0:27	JKL
trans-1,3-Dichloropropene	ND	ug/kg	5	EPA 8260B	08/17/10	08/17/10 0:27	JKL
1,1,2-Trichloroethane	ND	ug/kg	5	EPA 8260B	08/17/10	08/17/10 0:27	JKL
Tetrachloroethene	ND	ug/kg	5	EPA 8260B	08/17/10	08/17/10 0:27	JKL
2-Hexanone (MBK)	ND	ug/kg	9	EPA 8260B	08/17/10	08/17/10 0:27	JKL
Dibromochloromethane	ND	ug/kg	5	EPA 8260B	08/17/10	08/17/10 0:27	JKL
1,2-Dibromoethane	ND	ug/kg	5	EPA 8260B	08/17/10	08/17/10 0:27	JKL
Chlorobenzene	ND	ug/kg	5	EPA 8260B	08/17/10	08/17/10 0:27	JKL
Ethylbenzene	ND	ug/kg	5	EPA 8260B	08/17/10	08/17/10 0:27	JKL
m&p-Xylene	ND	ug/kg	9	EPA 8260B	08/17/10	08/17/10 0:27	JKL
o-Xylene	ND	ug/kg	5	EPA 8260B	08/17/10	08/17/10 0:27	JKL
Styrene	ND	ug/kg	5	EPA 8260B	08/17/10	08/17/10 0:27	JKL
Bromoform	ND	ug/kg	5	EPA 8260B	08/17/10	08/17/10 0:27	JKL



CALIBER ANALYTICAL SERVICES

Certificate of Analysis

Nutshell Enterprises
4059 Norrisville Road
Jarrettsville, MD 21084

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Date Sampled: 08/09/10 16:00
Date Received: 08/10/10 9:25
Date Issued: 08/19/10

Project: 2 Executive Way
Site Location: Ranson, WV

SDG Number: 10081002

Field Sample ID: S-1 Matrix: Soil Lab ID: 10081002-09

	Result	Unit	LLQ	Method	Prepared	Analyzed	Init.
Target Compound List - VOLATILES							
Isopropylbenzene	ND	ug/kg	5	EPA 8260B	08/17/10	08/17/10 0:27	JKL
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	EPA 8260B	08/17/10	08/17/10 0:27	JKL
1,3-Dichlorobenzene	ND	ug/kg	5	EPA 8260B	08/17/10	08/17/10 0:27	JKL
1,4-Dichlorobenzene	ND	ug/kg	5	EPA 8260B	08/17/10	08/17/10 0:27	JKL
1,2-Dichlorobenzene	ND	ug/kg	5	EPA 8260B	08/17/10	08/17/10 0:27	JKL
1,2-Dibromo-3-chloropropane	ND	ug/kg	5	EPA 8260B	08/17/10	08/17/10 0:27	JKL
1,2,4-Trichlorobenzene	ND	ug/kg	5	EPA 8260B	08/17/10	08/17/10 0:27	JKL
Ethyl t-butyl ether (ETBE)	ND	ug/kg	5	EPA 8260B	08/17/10	08/17/10 0:27	JKL
tert-Butanol (TBA)	ND	ug/kg	23	EPA 8260B	08/17/10	08/17/10 0:27	JKL
Diisopropyl ether (DIPE)	ND	ug/kg	5	EPA 8260B	08/17/10	08/17/10 0:27	JKL
tert-Amyl methyl ether (TAME)	ND	ug/kg	5	EPA 8260B	08/17/10	08/17/10 0:27	JKL
tert-Amyl alcohol (TAA)	ND	ug/kg	23	EPA 8260B	08/17/10	08/17/10 0:27	JKL
tert-Amyl ethyl ether (TAEE)	ND	ug/kg	5	EPA 8260B	08/17/10	08/17/10 0:27	JKL
Total Metals							
Antimony <i>Sb</i>	ND	mg/kg	1.9	EPA 6020A	08/12/10	08/13/10 10:50	MEL
Arsenic <i>As</i>	1.4	mg/kg	0.38	EPA 6020A	08/12/10	08/13/10 10:50	MEL
Beryllium <i>Be</i>	ND	mg/kg	1.9	EPA 6020A	08/12/10	08/13/10 10:50	MEL
Cadmium <i>Cd</i>	ND	mg/kg	1.9	EPA 6020A	08/12/10	08/13/10 10:50	MEL
Chromium <i>Cr</i>	13	mg/kg	1.9	EPA 6020A	08/12/10	08/13/10 10:50	MEL
Copper <i>Cu</i>	3.4	mg/kg	1.9	EPA 6020A	08/12/10	08/13/10 10:50	MEL
Lead <i>Pb</i>	2.6	mg/kg	1.9	EPA 6020A	08/12/10	08/13/10 10:50	MEL
Mercury <i>Hg</i>	ND	mg/kg	0.075	EPA 6020A	08/12/10	08/13/10 10:50	MEL
Nickel <i>Ni</i>	4.4	mg/kg	1.9	EPA 6020A	08/12/10	08/13/10 10:50	MEL
Selenium <i>Se</i>	ND	mg/kg	1.9	EPA 6020A	08/12/10	08/13/10 10:50	MEL
Silver <i>Ag</i>	ND	mg/kg	1.9	EPA 6020A	08/12/10	08/13/10 10:50	MEL
Thallium <i>Tl</i>	ND	mg/kg	1.5	EPA 6020A	08/12/10	08/13/10 10:50	MEL
Zinc <i>Zn</i>	13	mg/kg	1.9	EPA 6020A	08/12/10	08/13/10 10:50	MEL
Total Petroleum Hydrocarbons - (C10-C28) DRO							
Diesel Range Organics	ND	mg/kg	10	EPA 8015C	08/12/10	08/13/10 15:36	AC
Total Petroleum Hydrocarbons - (C6-C10) GRO							
Gasoline Range Organics	ND	mg/kg	0.22	EPA 8015C	08/12/10	08/12/10 12:31	AC

Notes/Qualifiers:

LLQ- Lowest Level of Quantitation

ND - Not Detected at a concentration greater than or equal to the LLQ.

Results reported on a dry weight basis.

Approved by:

Matt Cohen

QC Chemist



CALIBER ANALYTICAL SERVICES

Certificate of Analysis

Nutshell Enterprises
4059 Norrisville Road
Jarrettsville, MD 21084

Date Sampled: 08/09/10 16:20
Date Received: 08/10/10 9:25
Date Issued: 08/19/10

Project: 2 Executive Way
Site Location: Ranson, WV

SDG Number: 10081002

Field Sample ID: S-2 Matrix: Soil Lab ID: 10081002-10

	Result	Unit	LLQ	Method	Prepared	Analyzed	Init.
Bulk Asbestos							
Asbestos	ND	%	1	EPA-600/4-82-020	08/18/10	08/18/10	EL
Percent Solids							
Percent Solids	83	%		SM2540G	08/12/10	08/12/10 10:54	LMJ
Polychlorinated Biphenyls							
Aroclor 1016	ND	mg/kg	0.061	EPA 8082	08/16/10	08/16/10 18:02	AC
Aroclor 1221	ND	mg/kg	0.061	EPA 8082	08/16/10	08/16/10 18:02	AC
Aroclor 1232	ND	mg/kg	0.061	EPA 8082	08/16/10	08/16/10 18:02	AC
Aroclor 1242	ND	mg/kg	0.061	EPA 8082	08/16/10	08/16/10 18:02	AC
Aroclor 1248	ND	mg/kg	0.061	EPA 8082	08/16/10	08/16/10 18:02	AC
Aroclor 1254	ND	mg/kg	0.061	EPA 8082	08/16/10	08/16/10 18:02	AC
Aroclor 1260	ND	mg/kg	0.061	EPA 8082	08/16/10	08/16/10 18:02	AC
Target Compound List - SEMIVOLATILES							
Phenol	ND	ug/kg	130	EPA 8270C	08/17/10	08/17/10 20:38	CBS
Bis (2-chloroethyl) ether	ND	ug/kg	130	EPA 8270C	08/17/10	08/17/10 20:38	CBS
2-Chlorophenol	ND	ug/kg	130	EPA 8270C	08/17/10	08/17/10 20:38	CBS
2-Methylphenol	ND	ug/kg	130	EPA 8270C	08/17/10	08/17/10 20:38	CBS
Bis (2-chloroisopropyl) ether	ND	ug/kg	130	EPA 8270C	08/17/10	08/17/10 20:38	CBS
Acetophenone	ND	ug/kg	130	EPA 8270C	08/17/10	08/17/10 20:38	CBS
4-Methylphenol	ND	ug/kg	130	EPA 8270C	08/17/10	08/17/10 20:38	CBS
N-Nitroso-di-n-propylamine	ND	ug/kg	130	EPA 8270C	08/17/10	08/17/10 20:38	CBS
Hexachloroethane	ND	ug/kg	130	EPA 8270C	08/17/10	08/17/10 20:38	CBS
Nitrobenzene	ND	ug/kg	130	EPA 8270C	08/17/10	08/17/10 20:38	CBS
Isophorone	ND	ug/kg	130	EPA 8270C	08/17/10	08/17/10 20:38	CBS
2-Nitrophenol	ND	ug/kg	130	EPA 8270C	08/17/10	08/17/10 20:38	CBS
2,4-Dimethylphenol	ND	ug/kg	130	EPA 8270C	08/17/10	08/17/10 20:38	CBS
Bis (2-chloroethoxy) methane	ND	ug/kg	130	EPA 8270C	08/17/10	08/17/10 20:38	CBS
2,4-Dichlorophenol	ND	ug/kg	130	EPA 8270C	08/17/10	08/17/10 20:38	CBS
Naphthalene	ND	ug/kg	130	EPA 8270C	08/17/10	08/17/10 20:38	CBS
4-Chloroaniline	ND	ug/kg	130	EPA 8270C	08/17/10	08/17/10 20:38	CBS
Hexachlorobutadiene	ND	ug/kg	130	EPA 8270C	08/17/10	08/17/10 20:38	CBS
Caprolactam	ND	ug/kg	130	EPA 8270C	08/17/10	08/17/10 20:38	CBS
4-Chloro-3-methylphenol	ND	ug/kg	130	EPA 8270C	08/17/10	08/17/10 20:38	CBS
2-Methylnaphthalene	ND	ug/kg	130	EPA 8270C	08/17/10	08/17/10 20:38	CBS
Hexachlorocyclopentadiene	ND	ug/kg	130	EPA 8270C	08/17/10	08/17/10 20:38	CBS
2,4,6-Trichlorophenol	ND	ug/kg	130	EPA 8270C	08/17/10	08/17/10 20:38	CBS
2,4,5-Trichlorophenol	ND	ug/kg	330	EPA 8270C	08/17/10	08/17/10 20:38	CBS
1,1-Biphenyl	ND	ug/kg	130	EPA 8270C	08/17/10	08/17/10 20:38	CBS
2-Chloronaphthalene	ND	ug/kg	130	EPA 8270C	08/17/10	08/17/10 20:38	CBS
2-Nitroaniline	ND	ug/kg	330	EPA 8270C	08/17/10	08/17/10 20:38	CBS



CALIBER ANALYTICAL SERVICES

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Date Sampled: 08/09/10 16:20
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Date Issued: 08/19/10

Project: 2 Executive Way
Site Location: Ranson, WV

SDG Number: 10081002

Field Sample ID: S-2 Matrix: Soil Lab ID: 10081002-10

	Result	Unit	LLQ	Method	Prepared	Analyzed	Init.
Target Compound List - SEMIVOLATILES							
Dimethyl phthalate	ND	ug/kg	130	EPA 8270C	08/17/10	08/17/10 20:38	CBS
2,6-Dinitrotoluene	ND	ug/kg	130	EPA 8270C	08/17/10	08/17/10 20:38	CBS
Acenaphthylene	ND	ug/kg	130	EPA 8270C	08/17/10	08/17/10 20:38	CBS
3-Nitroaniline	ND	ug/kg	330	EPA 8270C	08/17/10	08/17/10 20:38	CBS
Acenaphthene	ND	ug/kg	130	EPA 8270C	08/17/10	08/17/10 20:38	CBS
2,4-Dinitrophenol	ND	ug/kg	330	EPA 8270C	08/17/10	08/17/10 20:38	CBS
4-Nitrophenol	ND	ug/kg	330	EPA 8270C	08/17/10	08/17/10 20:38	CBS
Dibenzofuran	ND	ug/kg	130	EPA 8270C	08/17/10	08/17/10 20:38	CBS
2,4-Dinitrotoluene	ND	ug/kg	130	EPA 8270C	08/17/10	08/17/10 20:38	CBS
Diethyl phthalate	ND	ug/kg	130	EPA 8270C	08/17/10	08/17/10 20:38	CBS
Fluorene	ND	ug/kg	130	EPA 8270C	08/17/10	08/17/10 20:38	CBS
4-Chlorophenyl phenyl ether	ND	ug/kg	130	EPA 8270C	08/17/10	08/17/10 20:38	CBS
4-Nitroaniline	ND	ug/kg	330	EPA 8270C	08/17/10	08/17/10 20:38	CBS
4,6-Dinitro-2-methylphenol	ND	ug/kg	300	EPA 8270C	08/17/10	08/17/10 20:38	CBS
N-Nitrosodiphenylamine	ND	ug/kg	130	EPA 8270C	08/17/10	08/17/10 20:38	CBS
4-Bromophenyl phenyl ether	ND	ug/kg	130	EPA 8270C	08/17/10	08/17/10 20:38	CBS
Hexachlorobenzene	ND	ug/kg	130	EPA 8270C	08/17/10	08/17/10 20:38	CBS
Atrazine	ND	ug/kg	130	EPA 8270C	08/17/10	08/17/10 20:38	CBS
Pentachlorophenol	ND	ug/kg	330	EPA 8270C	08/17/10	08/17/10 20:38	CBS
Phenanthrene	ND	ug/kg	130	EPA 8270C	08/17/10	08/17/10 20:38	CBS
Anthracene	ND	ug/kg	130	EPA 8270C	08/17/10	08/17/10 20:38	CBS
Carbazole	ND	ug/kg	130	EPA 8270C	08/17/10	08/17/10 20:38	CBS
Di-n-butyl phthalate	ND	ug/kg	130	EPA 8270C	08/17/10	08/17/10 20:38	CBS
Fluoranthene	ND	ug/kg	130	EPA 8270C	08/17/10	08/17/10 20:38	CBS
Pyrene	ND	ug/kg	130	EPA 8270C	08/17/10	08/17/10 20:38	CBS
Butyl benzyl phthalate	ND	ug/kg	130	EPA 8270C	08/17/10	08/17/10 20:38	CBS
3,3-Dichlorobenzidine	ND	ug/kg	130	EPA 8270C	08/17/10	08/17/10 20:38	CBS
Benzo[a]anthracene	ND	ug/kg	130	EPA 8270C	08/17/10	08/17/10 20:38	CBS
Chrysene	ND	ug/kg	130	EPA 8270C	08/17/10	08/17/10 20:38	CBS
Bis (2-ethylhexyl) phthalate	ND	ug/kg	130	EPA 8270C	08/17/10	08/17/10 20:38	CBS
Di-n-octyl phthalate	ND	ug/kg	130	EPA 8270C	08/17/10	08/17/10 20:38	CBS
Benzo[b]fluoranthene	ND	ug/kg	130	EPA 8270C	08/17/10	08/17/10 20:38	CBS
Benzo[k]fluoranthene	ND	ug/kg	130	EPA 8270C	08/17/10	08/17/10 20:38	CBS
Benzo[a]pyrene	ND	ug/kg	130	EPA 8270C	08/17/10	08/17/10 20:38	CBS
Indeno[1,2,3-cd]pyrene	ND	ug/kg	130	EPA 8270C	08/17/10	08/17/10 20:38	CBS
Dibenz[a,h]anthracene	ND	ug/kg	130	EPA 8270C	08/17/10	08/17/10 20:38	CBS
Benzo[g,h,i]perylene	ND	ug/kg	130	EPA 8270C	08/17/10	08/17/10 20:38	CBS
Target Compound List - VOLATILES							
Dichlorodifluoromethane	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 0:58	JKL
Chloromethane	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 0:58	JKL



CALIBER ANALYTICAL SERVICES

Certificate of Analysis

Nutshell Enterprises
4059 Norrisville Road
Jarrettsville, MD 21084

Date Sampled: 08/09/10 16:20
Date Received: 08/10/10 9:25
Date Issued: 08/19/10

Project: 2 Executive Way
Site Location: Ranson, WV

SDG Number: 10081002

Field Sample ID: S-2 Matrix: Soil Lab ID: 10081002-10

	Result	Unit	LLQ	Method	Prepared	Analyzed	Init.
Target Compound List - VOLATILES							
Vinyl chloride	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 0:58	JKL
Bromomethane	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 0:58	JKL
Chloroethane	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 0:58	JKL
Trichlorofluoromethane	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 0:58	JKL
1,1-Dichloroethene	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 0:58	JKL
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 0:58	JKL
Acetone	ND	ug/kg	58	EPA 8260B	08/17/10	08/17/10 0:58	JKL
Carbon disulfide	ND	ug/kg	12	EPA 8260B	08/17/10	08/17/10 0:58	JKL
Methyl acetate	ND	ug/kg	29	EPA 8260B	08/17/10	08/17/10 0:58	JKL
Methylene chloride	ND	ug/kg	29	EPA 8260B	08/17/10	08/17/10 0:58	JKL
trans-1,2-Dichloroethene	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 0:58	JKL
Methyl t-butyl ether (MTBE)	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 0:58	JKL
1,1-Dichloroethane	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 0:58	JKL
cis-1,2-Dichloroethene	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 0:58	JKL
2-Butanone (MEK)	ND	ug/kg	58	EPA 8260B	08/17/10	08/17/10 0:58	JKL
Chloroform	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 0:58	JKL
1,1,1-Trichloroethane	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 0:58	JKL
Cyclohexane	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 0:58	JKL
Carbon tetrachloride	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 0:58	JKL
Benzene	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 0:58	JKL
1,2-Dichloroethane	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 0:58	JKL
Trichloroethene	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 0:58	JKL
Methylcyclohexane	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 0:58	JKL
1,2-Dichloropropane	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 0:58	JKL
Bromodichloromethane	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 0:58	JKL
cis-1,3-Dichloropropene	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 0:58	JKL
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	12	EPA 8260B	08/17/10	08/17/10 0:58	JKL
Toluene	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 0:58	JKL
trans-1,3-Dichloropropene	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 0:58	JKL
1,1,2-Trichloroethane	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 0:58	JKL
Tetrachloroethene	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 0:58	JKL
2-Hexanone (MBK)	ND	ug/kg	12	EPA 8260B	08/17/10	08/17/10 0:58	JKL
Dibromochloromethane	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 0:58	JKL
1,2-Dibromoethane	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 0:58	JKL
Chlorobenzene	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 0:58	JKL
Ethylbenzene	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 0:58	JKL
m&p-Xylene	ND	ug/kg	12	EPA 8260B	08/17/10	08/17/10 0:58	JKL
o-Xylene	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 0:58	JKL
Styrene	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 0:58	JKL
Bromoform	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 0:58	JKL



CALIBER ANALYTICAL SERVICES

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Date Issued: 08/19/10

Project: 2 Executive Way
Site Location: Ranson, WV

SDG Number: 10081002

Field Sample ID: S-2 Matrix: Soil Lab ID: 10081002-10

	Result	Unit	LLQ	Method	Prepared	Analyzed	Init.
Target Compound List - VOLATILES							
Isopropylbenzene	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 0:58	JKL
1,1,2,2-Tetrachloroethane	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 0:58	JKL
1,3-Dichlorobenzene	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 0:58	JKL
1,4-Dichlorobenzene	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 0:58	JKL
1,2-Dichlorobenzene	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 0:58	JKL
1,2-Dibromo-3-chloropropane	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 0:58	JKL
1,2,4-Trichlorobenzene	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 0:58	JKL
Ethyl t-butyl ether (ETBE)	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 0:58	JKL
tert-Butanol (TBA)	ND	ug/kg	29	EPA 8260B	08/17/10	08/17/10 0:58	JKL
Diisopropyl ether (DIPE)	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 0:58	JKL
tert-Amyl methyl ether (TAME)	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 0:58	JKL
tert-Amyl alcohol (TAA)	ND	ug/kg	29	EPA 8260B	08/17/10	08/17/10 0:58	JKL
tert-Amyl ethyl ether (TAEE)	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 0:58	JKL
Total Metals							
Antimony	ND	mg/kg	2	EPA 6020A	08/12/10	08/13/10 10:56	MEL
Arsenic	2.7	mg/kg	0.4	EPA 6020A	08/12/10	08/13/10 10:56	MEL
Beryllium	ND	mg/kg	2	EPA 6020A	08/12/10	08/13/10 10:56	MEL
Cadmium	ND	mg/kg	2	EPA 6020A	08/12/10	08/13/10 10:56	MEL
Chromium	20	mg/kg	2	EPA 6020A	08/12/10	08/13/10 10:56	MEL
Copper	15	mg/kg	2	EPA 6020A	08/12/10	08/13/10 10:56	MEL
Lead	23	mg/kg	2	EPA 6020A	08/12/10	08/13/10 10:56	MEL
Mercury	0.10	mg/kg	0.08	EPA 6020A	08/12/10	08/13/10 10:56	MEL
Nickel	18	mg/kg	2	EPA 6020A	08/12/10	08/13/10 10:56	MEL
Selenium	ND	mg/kg	2	EPA 6020A	08/12/10	08/13/10 10:56	MEL
Silver	ND	mg/kg	2	EPA 6020A	08/12/10	08/13/10 10:56	MEL
Thallium	ND	mg/kg	1.6	EPA 6020A	08/12/10	08/13/10 10:56	MEL
Zinc	25	mg/kg	2	EPA 6020A	08/12/10	08/13/10 10:56	MEL
Total Petroleum Hydrocarbons - (C10-C28) DRO							
Diesel Range Organics	ND	mg/kg	12	EPA 8015C	08/12/10	08/13/10 15:36	AC
Total Petroleum Hydrocarbons - (C6-C10) GRO							
Gasoline Range Organics	ND	mg/kg	0.27	EPA 8015C	08/12/10	08/12/10 12:57	AC

Notes/Qualifiers:

LLQ - Lowest Level of Quantitation

ND - Not Detected at a concentration greater than or equal to the LLQ.

Results reported on a dry weight basis.

Approved by:

Matt Cohen

QC Chemist



CALIBER ANALYTICAL SERVICES

Certificate of Analysis

Nutshell Enterprises
4059 Norrisville Road
Jarrettsville, MD 21084

Date Sampled: 08/09/10 15:20
Date Received: 08/10/10 9:25
Date Issued: 08/19/10

Project: 2 Executive Way
Site Location: Ranson, WV

SDG Number: 10081002

Field Sample ID: S-3 Matrix: Soil Lab ID: 10081002-11

	Result	Unit	LLQ	Method	Prepared	Analyzed	Init.
Bulk Asbestos							
Asbestos	ND	%	1	EPA-600/4-82-020	08/18/10	08/18/10	EL
Percent Solids							
Percent Solids	95	%		SM2540G	08/12/10	08/12/10 10:54	LMJ
Polychlorinated Biphenyls							
Aroclor 1016	ND	mg/kg	0.05	EPA 8082	08/16/10	08/16/10 18:31	AC
Aroclor 1221	ND	mg/kg	0.05	EPA 8082	08/16/10	08/16/10 18:31	AC
Aroclor 1232	ND	mg/kg	0.05	EPA 8082	08/16/10	08/16/10 18:31	AC
Aroclor 1242	ND	mg/kg	0.05	EPA 8082	08/16/10	08/16/10 18:31	AC
Aroclor 1248	ND	mg/kg	0.05	EPA 8082	08/16/10	08/16/10 18:31	AC
Aroclor 1254	ND	mg/kg	0.05	EPA 8082	08/16/10	08/16/10 18:31	AC
Aroclor 1260	ND	mg/kg	0.05	EPA 8082	08/16/10	08/16/10 18:31	AC
Target Compound List - SEMIVOLATILES							
Phenol	ND	ug/kg	100	EPA 8270C	08/17/10	08/17/10 21:20	CBS
Bis (2-chloroethyl) ether	ND	ug/kg	100	EPA 8270C	08/17/10	08/17/10 21:20	CBS
2-Chlorophenol	ND	ug/kg	100	EPA 8270C	08/17/10	08/17/10 21:20	CBS
2-Methylphenol	ND	ug/kg	100	EPA 8270C	08/17/10	08/17/10 21:20	CBS
Bis (2-chloroisopropyl) ether	ND	ug/kg	100	EPA 8270C	08/17/10	08/17/10 21:20	CBS
Acetophenone	ND	ug/kg	100	EPA 8270C	08/17/10	08/17/10 21:20	CBS
4-Methylphenol	ND	ug/kg	100	EPA 8270C	08/17/10	08/17/10 21:20	CBS
N-Nitroso-di-n-propylamine	ND	ug/kg	100	EPA 8270C	08/17/10	08/17/10 21:20	CBS
Hexachloroethane	ND	ug/kg	100	EPA 8270C	08/17/10	08/17/10 21:20	CBS
Nitrobenzene	ND	ug/kg	100	EPA 8270C	08/17/10	08/17/10 21:20	CBS
Isophorone	ND	ug/kg	100	EPA 8270C	08/17/10	08/17/10 21:20	CBS
2-Nitrophenol	ND	ug/kg	100	EPA 8270C	08/17/10	08/17/10 21:20	CBS
2,4-Dimethylphenol	ND	ug/kg	100	EPA 8270C	08/17/10	08/17/10 21:20	CBS
Bis (2-chloroethoxy) methane	ND	ug/kg	100	EPA 8270C	08/17/10	08/17/10 21:20	CBS
2,4-Dichlorophenol	ND	ug/kg	100	EPA 8270C	08/17/10	08/17/10 21:20	CBS
Naphthalene	ND	ug/kg	100	EPA 8270C	08/17/10	08/17/10 21:20	CBS
4-Chloroaniline	ND	ug/kg	100	EPA 8270C	08/17/10	08/17/10 21:20	CBS
Hexachlorobutadiene	ND	ug/kg	100	EPA 8270C	08/17/10	08/17/10 21:20	CBS
Caprolactam	ND	ug/kg	100	EPA 8270C	08/17/10	08/17/10 21:20	CBS
4-Chloro-3-methylphenol	ND	ug/kg	100	EPA 8270C	08/17/10	08/17/10 21:20	CBS
2-Methylnaphthalene	ND	ug/kg	100	EPA 8270C	08/17/10	08/17/10 21:20	CBS
Hexachlorocyclopentadiene	ND	ug/kg	100	EPA 8270C	08/17/10	08/17/10 21:20	CBS
2,4,6-Trichlorophenol	ND	ug/kg	100	EPA 8270C	08/17/10	08/17/10 21:20	CBS
2,4,5-Trichlorophenol	ND	ug/kg	260	EPA 8270C	08/17/10	08/17/10 21:20	CBS
1,1-Biphenyl	ND	ug/kg	100	EPA 8270C	08/17/10	08/17/10 21:20	CBS
2-Chloronaphthalene	ND	ug/kg	100	EPA 8270C	08/17/10	08/17/10 21:20	CBS
2-Nitroaniline	ND	ug/kg	260	EPA 8270C	08/17/10	08/17/10 21:20	CBS



CALIBER ANALYTICAL SERVICES

Certificate of Analysis

Nutshell Enterprises
4059 Norrisville Road
Jarrettsville, MD 21084

Date Sampled: 08/09/10 15:20
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Date Issued: 08/19/10

Project: 2 Executive Way
Site Location: Ranson, WV

SDG Number: 10081002

Field Sample ID: S-3 Matrix: Soil Lab ID: 10081002-11

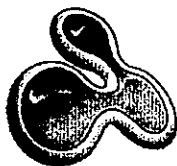
Result	Unit	LLQ	Method	Prepared	Analyzed	Init.
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Target Compound List - SEMIVOLATILES

Dimethyl phthalate	ND	ug/kg	100	EPA 8270C	08/17/10	08/17/10 21:20	CBS
2,6-Dinitrotoluene	ND	ug/kg	100	EPA 8270C	08/17/10	08/17/10 21:20	CBS
Acenaphthylene	ND	ug/kg	100	EPA 8270C	08/17/10	08/17/10 21:20	CBS
3-Nitroaniline	ND	ug/kg	260	EPA 8270C	08/17/10	08/17/10 21:20	CBS
Acenaphthene	ND	ug/kg	100	EPA 8270C	08/17/10	08/17/10 21:20	CBS
2,4-Dinitrophenol	ND	ug/kg	260	EPA 8270C	08/17/10	08/17/10 21:20	CBS
4-Nitrophenol	ND	ug/kg	260	EPA 8270C	08/17/10	08/17/10 21:20	CBS
Dibenzofuran	ND	ug/kg	100	EPA 8270C	08/17/10	08/17/10 21:20	CBS
2,4-Dinitrotoluene	ND	ug/kg	100	EPA 8270C	08/17/10	08/17/10 21:20	CBS
Diethyl phthalate	ND	ug/kg	100	EPA 8270C	08/17/10	08/17/10 21:20	CBS
Fluorene	ND	ug/kg	100	EPA 8270C	08/17/10	08/17/10 21:20	CBS
4-Chlorophenyl phenyl ether	ND	ug/kg	100	EPA 8270C	08/17/10	08/17/10 21:20	CBS
4-Nitroaniline	ND	ug/kg	260	EPA 8270C	08/17/10	08/17/10 21:20	CBS
4,6-Dinitro-2-methylphenol	ND	ug/kg	240	EPA 8270C	08/17/10	08/17/10 21:20	CBS
N-Nitrosodiphenylamine	ND	ug/kg	100	EPA 8270C	08/17/10	08/17/10 21:20	CBS
4-Bromophenyl phenyl ether	ND	ug/kg	100	EPA 8270C	08/17/10	08/17/10 21:20	CBS
Hexachlorobenzene	ND	ug/kg	100	EPA 8270C	08/17/10	08/17/10 21:20	CBS
Atrazine	ND	ug/kg	100	EPA 8270C	08/17/10	08/17/10 21:20	CBS
Pentachlorophenol	ND	ug/kg	260	EPA 8270C	08/17/10	08/17/10 21:20	CBS
Phenanthrene	ND	ug/kg	100	EPA 8270C	08/17/10	08/17/10 21:20	CBS
Anthracene	ND	ug/kg	100	EPA 8270C	08/17/10	08/17/10 21:20	CBS
Carbazole	ND	ug/kg	100	EPA 8270C	08/17/10	08/17/10 21:20	CBS
Di-n-butyl phthalate	ND	ug/kg	100	EPA 8270C	08/17/10	08/17/10 21:20	CBS
Fluoranthene	ND	ug/kg	100	EPA 8270C	08/17/10	08/17/10 21:20	CBS
Pyrene	ND	ug/kg	100	EPA 8270C	08/17/10	08/17/10 21:20	CBS
Butyl benzyl phthalate	ND	ug/kg	100	EPA 8270C	08/17/10	08/17/10 21:20	CBS
3,3-Dichlorobenzidine	ND	ug/kg	100	EPA 8270C	08/17/10	08/17/10 21:20	CBS
Benzo[a]anthracene	ND	ug/kg	100	EPA 8270C	08/17/10	08/17/10 21:20	CBS
Chrysene	ND	ug/kg	100	EPA 8270C	08/17/10	08/17/10 21:20	CBS
Bis (2-ethylhexyl) phthalate	ND	ug/kg	100	EPA 8270C	08/17/10	08/17/10 21:20	CBS
Di-n-octyl phthalate	ND	ug/kg	100	EPA 8270C	08/17/10	08/17/10 21:20	CBS
Benzo[b]fluoranthene	ND	ug/kg	100	EPA 8270C	08/17/10	08/17/10 21:20	CBS
Benzo[k]fluoranthene	ND	ug/kg	100	EPA 8270C	08/17/10	08/17/10 21:20	CBS
Benzo[a]pyrene	ND	ug/kg	100	EPA 8270C	08/17/10	08/17/10 21:20	CBS
Indeno[1,2,3-cd]pyrene	ND	ug/kg	100	EPA 8270C	08/17/10	08/17/10 21:20	CBS
Dibenz[a,h]anthracene	ND	ug/kg	100	EPA 8270C	08/17/10	08/17/10 21:20	CBS
Benzo[g,h,i]perylene	ND	ug/kg	100	EPA 8270C	08/17/10	08/17/10 21:20	CBS

Target Compound List - VOLATILES

Dichlorodifluoromethane	ND	ug/kg	4	EPA 8260B	08/17/10	08/17/10 3:01	JKL
Chloromethane	ND	ug/kg	4	EPA 8260B	08/17/10	08/17/10 3:01	JKL



CALIBER ANALYTICAL SERVICES

Certificate of Analysis

Nutshell Enterprises
4059 Norrisville Road
Jarrettsville, MD 21084

Date Sampled: 08/09/10 15:20
Date Received: 08/10/10 9:25
Date Issued: 08/19/10

Project: 2 Executive Way
Site Location: Ranson, WV

SDG Number: 10081002

Field Sample ID: S-3 Matrix: Soil Lab ID: 10081002-11

	Result	Unit	LLQ	Method	Prepared	Analyzed	Init.
Target Compound List - VOLATILES							
Vinyl chloride	ND	ug/kg	4	EPA 8260B	08/17/10	08/17/10 3:01	JKL
Bromomethane	ND	ug/kg	4	EPA 8260B	08/17/10	08/17/10 3:01	JKL
Chloroethane	ND	ug/kg	4	EPA 8260B	08/17/10	08/17/10 3:01	JKL
Trichlorofluoromethane	ND	ug/kg	4	EPA 8260B	08/17/10	08/17/10 3:01	JKL
1,1-Dichloroethene	ND	ug/kg	4	EPA 8260B	08/17/10	08/17/10 3:01	JKL
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	4	EPA 8260B	08/17/10	08/17/10 3:01	JKL
Acetone	ND	ug/kg	41	EPA 8260B	08/17/10	08/17/10 3:01	JKL
Carbon disulfide	ND	ug/kg	8	EPA 8260B	08/17/10	08/17/10 3:01	JKL
Methyl acetate	ND	ug/kg	21	EPA 8260B	08/17/10	08/17/10 3:01	JKL
Methylene chloride	ND	ug/kg	21	EPA 8260B	08/17/10	08/17/10 3:01	JKL
trans-1,2-Dichloroethene	ND	ug/kg	4	EPA 8260B	08/17/10	08/17/10 3:01	JKL
Methyl t-butyl ether (MTBE)	ND	ug/kg	4	EPA 8260B	08/17/10	08/17/10 3:01	JKL
1,1-Dichloroethane	ND	ug/kg	4	EPA 8260B	08/17/10	08/17/10 3:01	JKL
cis-1,2-Dichloroethene	ND	ug/kg	4	EPA 8260B	08/17/10	08/17/10 3:01	JKL
2-Butanone (MEK)	ND	ug/kg	41	EPA 8260B	08/17/10	08/17/10 3:01	JKL
Chloroform	ND	ug/kg	4	EPA 8260B	08/17/10	08/17/10 3:01	JKL
1,1,1-Trichloroethane	ND	ug/kg	4	EPA 8260B	08/17/10	08/17/10 3:01	JKL
Cyclohexane	ND	ug/kg	4	EPA 8260B	08/17/10	08/17/10 3:01	JKL
Carbon tetrachloride	ND	ug/kg	4	EPA 8260B	08/17/10	08/17/10 3:01	JKL
Benzene	ND	ug/kg	4	EPA 8260B	08/17/10	08/17/10 3:01	JKL
1,2-Dichloroethane	ND	ug/kg	4	EPA 8260B	08/17/10	08/17/10 3:01	JKL
Trichloroethene	ND	ug/kg	4	EPA 8260B	08/17/10	08/17/10 3:01	JKL
Methylcyclohexane	ND	ug/kg	4	EPA 8260B	08/17/10	08/17/10 3:01	JKL
1,2-Dichloropropane	ND	ug/kg	4	EPA 8260B	08/17/10	08/17/10 3:01	JKL
Bromodichloromethane	ND	ug/kg	4	EPA 8260B	08/17/10	08/17/10 3:01	JKL
cis-1,3-Dichloropropene	ND	ug/kg	4	EPA 8260B	08/17/10	08/17/10 3:01	JKL
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	8	EPA 8260B	08/17/10	08/17/10 3:01	JKL
Toluene	ND	ug/kg	4	EPA 8260B	08/17/10	08/17/10 3:01	JKL
trans-1,3-Dichloropropene	ND	ug/kg	4	EPA 8260B	08/17/10	08/17/10 3:01	JKL
1,1,2-Trichloroethane	ND	ug/kg	4	EPA 8260B	08/17/10	08/17/10 3:01	JKL
Tetrachloroethene	ND	ug/kg	4	EPA 8260B	08/17/10	08/17/10 3:01	JKL
2-Hexanone (MBK)	ND	ug/kg	8	EPA 8260B	08/17/10	08/17/10 3:01	JKL
Dibromochloromethane	ND	ug/kg	4	EPA 8260B	08/17/10	08/17/10 3:01	JKL
1,2-Dibromoethane	ND	ug/kg	4	EPA 8260B	08/17/10	08/17/10 3:01	JKL
Chlorobenzene	ND	ug/kg	4	EPA 8260B	08/17/10	08/17/10 3:01	JKL
Ethylbenzene	ND	ug/kg	4	EPA 8260B	08/17/10	08/17/10 3:01	JKL
m&p-Xylene	ND	ug/kg	8	EPA 8260B	08/17/10	08/17/10 3:01	JKL
o-Xylene	ND	ug/kg	4	EPA 8260B	08/17/10	08/17/10 3:01	JKL
Styrene	ND	ug/kg	4	EPA 8260B	08/17/10	08/17/10 3:01	JKL
Bromoform	ND	ug/kg	4	EPA 8260B	08/17/10	08/17/10 3:01	JKL



CALIBER ANALYTICAL SERVICES

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Jarrettsville, MD 21084

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Date Issued: 08/19/10

Project: 2 Executive Way
Site Location: Ranson, WV

SDG Number: 10081002

Field Sample ID: S-3 Matrix: Soil Lab ID: 10081002-11

	Result	Unit	LLQ	Method	Prepared	Analyzed	Init.
Target Compound List - VOLATILES							
Isopropylbenzene	ND	ug/kg	4	EPA 8260B	08/17/10	08/17/10 3:01	JKL
1,1,2,2-Tetrachloroethane	ND	ug/kg	4	EPA 8260B	08/17/10	08/17/10 3:01	JKL
1,3-Dichlorobenzene	ND	ug/kg	4	EPA 8260B	08/17/10	08/17/10 3:01	JKL
1,4-Dichlorobenzene	ND	ug/kg	4	EPA 8260B	08/17/10	08/17/10 3:01	JKL
1,2-Dichlorobenzene	ND	ug/kg	4	EPA 8260B	08/17/10	08/17/10 3:01	JKL
1,2-Dibromo-3-chloropropane	ND	ug/kg	4	EPA 8260B	08/17/10	08/17/10 3:01	JKL
1,2,4-Trichlorobenzene	ND	ug/kg	4	EPA 8260B	08/17/10	08/17/10 3:01	JKL
Ethyl t-butyl ether (ETBE)	ND	ug/kg	4	EPA 8260B	08/17/10	08/17/10 3:01	JKL
tert-Butanol (TBA)	ND	ug/kg	21	EPA 8260B	08/17/10	08/17/10 3:01	JKL
Diisopropyl ether (DIPE)	ND	ug/kg	4	EPA 8260B	08/17/10	08/17/10 3:01	JKL
tert-Amyl methyl ether (TAME)	ND	ug/kg	4	EPA 8260B	08/17/10	08/17/10 3:01	JKL
tert-Amyl alcohol (TAA)	ND	ug/kg	21	EPA 8260B	08/17/10	08/17/10 3:01	JKL
tert-Amyl ethyl ether (TAEE)	ND	ug/kg	4	EPA 8260B	08/17/10	08/17/10 3:01	JKL
Total Metals							
Antimony	ND	mg/kg	1.4	EPA 6020A	08/12/10	08/13/10 11:02	MEL
Arsenic	2.3	mg/kg	0.27	EPA 6020A	08/12/10	08/13/10 11:02	MEL
Beryllium	ND	mg/kg	1.4	EPA 6020A	08/12/10	08/13/10 11:02	MEL
Cadmium	ND	mg/kg	1.4	EPA 6020A	08/12/10	08/13/10 11:02	MEL
Chromium	ND	mg/kg	1.4	EPA 6020A	08/12/10	08/13/10 11:02	MEL
Copper	3.0	mg/kg	1.4	EPA 6020A	08/12/10	08/13/10 11:02	MEL
Lead	20	mg/kg	1.4	EPA 6020A	08/12/10	08/13/10 11:02	MEL
Mercury	ND	mg/kg	0.054	EPA 6020A	08/12/10	08/13/10 11:02	MEL
Nickel	5.3	mg/kg	1.4	EPA 6020A	08/12/10	08/13/10 11:02	MEL
Selenium	ND	mg/kg	1.4	EPA 6020A	08/12/10	08/13/10 11:02	MEL
Silver	ND	mg/kg	1.4	EPA 6020A	08/12/10	08/13/10 11:02	MEL
Thallium	ND	mg/kg	1.1	EPA 6020A	08/12/10	08/13/10 11:02	MEL
Zinc	13	mg/kg	1.4	EPA 6020A	08/12/10	08/13/10 11:02	MEL
Total Petroleum Hydrocarbons - (C10-C28) DRO							
Diesel Range Organics	ND	mg/kg	10	EPA 8015C	08/12/10	08/13/10 16:12	AC
Total Petroleum Hydrocarbons - (C6-C10) GRO							
Gasoline Range Organics	ND	mg/kg	0.24	EPA 8015C	08/12/10	08/12/10 13:48	AC

Notes/Qualifiers:

LLQ- Lowest Level of Quantitation

ND - Not Detected at a concentration greater than or equal to the LLQ.

Results reported on a dry weight basis.

Approved by:

Matt Cohen

QC Chemist



CALIBER ANALYTICAL SERVICES

Certificate of Analysis

Nutshell Enterprises
4059 Norrisville Road
Jarrettsville, MD 21084

Date Sampled: 08/09/10 15:00
Date Received: 08/10/10 9:25
Date Issued: 08/19/10

Project: 2 Executive Way
Site Location: Ranson, WV

SDG Number: 10081002

Field Sample ID: S-4 Matrix: Soil Lab ID: 10081002-12

	Result	Unit	LLQ	Method	Prepared	Analyzed	Init.
Bulk Asbestos							
Asbestos	ND	%	1	EPA-600/4-82-020	08/18/10	08/18/10	EL
Percent Solids							
Percent Solids	75	%		SM2540G	08/12/10	08/12/10 10:54	LMJ
Polychlorinated Biphenyls							
Aroclor 1016	ND	mg/kg	0.071	EPA 8082	08/16/10	08/16/10 19:00	AC
Aroclor 1221	ND	mg/kg	0.071	EPA 8082	08/16/10	08/16/10 19:00	AC
Aroclor 1232	ND	mg/kg	0.071	EPA 8082	08/16/10	08/16/10 19:00	AC
Aroclor 1242	ND	mg/kg	0.071	EPA 8082	08/16/10	08/16/10 19:00	AC
Aroclor 1248	ND	mg/kg	0.071	EPA 8082	08/16/10	08/16/10 19:00	AC
Aroclor 1254	ND	mg/kg	0.071	EPA 8082	08/16/10	08/16/10 19:00	AC
Aroclor 1260	ND	mg/kg	0.071	EPA 8082	08/16/10	08/16/10 19:00	AC
Target Compound List - SEMIVOLATILES							
Phenol	ND	ug/kg	130	EPA 8270C	08/17/10	08/17/10 22:04	CBS
Bis (2-chloroethyl) ether	ND	ug/kg	130	EPA 8270C	08/17/10	08/17/10 22:04	CBS
2-Chlorophenol	ND	ug/kg	130	EPA 8270C	08/17/10	08/17/10 22:04	CBS
2-Methylphenol	ND	ug/kg	130	EPA 8270C	08/17/10	08/17/10 22:04	CBS
Bis (2-chloroisopropyl) ether	ND	ug/kg	130	EPA 8270C	08/17/10	08/17/10 22:04	CBS
Acetophenone	ND	ug/kg	130	EPA 8270C	08/17/10	08/17/10 22:04	CBS
4-Methylphenol	ND	ug/kg	130	EPA 8270C	08/17/10	08/17/10 22:04	CBS
N-Nitroso-di-n-propylamine	ND	ug/kg	130	EPA 8270C	08/17/10	08/17/10 22:04	CBS
Hexachloroethane	ND	ug/kg	130	EPA 8270C	08/17/10	08/17/10 22:04	CBS
Nitrobenzene	ND	ug/kg	130	EPA 8270C	08/17/10	08/17/10 22:04	CBS
Isophorone	ND	ug/kg	130	EPA 8270C	08/17/10	08/17/10 22:04	CBS
2-Nitrophenol	ND	ug/kg	130	EPA 8270C	08/17/10	08/17/10 22:04	CBS
2,4-Dimethylphenol	ND	ug/kg	130	EPA 8270C	08/17/10	08/17/10 22:04	CBS
Bis (2-chloroethoxy) methane	ND	ug/kg	130	EPA 8270C	08/17/10	08/17/10 22:04	CBS
2,4-Dichlorophenol	ND	ug/kg	130	EPA 8270C	08/17/10	08/17/10 22:04	CBS
Naphthalene	ND	ug/kg	130	EPA 8270C	08/17/10	08/17/10 22:04	CBS
4-Chloroaniline	ND	ug/kg	130	EPA 8270C	08/17/10	08/17/10 22:04	CBS
Hexachlorobutadiene	ND	ug/kg	130	EPA 8270C	08/17/10	08/17/10 22:04	CBS
Caprolactam	ND	ug/kg	130	EPA 8270C	08/17/10	08/17/10 22:04	CBS
4-Chloro-3-methylphenol	ND	ug/kg	130	EPA 8270C	08/17/10	08/17/10 22:04	CBS
2-Methylnaphthalene	ND	ug/kg	130	EPA 8270C	08/17/10	08/17/10 22:04	CBS
Hexachlorocyclopentadiene	ND	ug/kg	130	EPA 8270C	08/17/10	08/17/10 22:04	CBS
2,4,6-Trichlorophenol	ND	ug/kg	130	EPA 8270C	08/17/10	08/17/10 22:04	CBS
2,4,5-Trichlorophenol	ND	ug/kg	320	EPA 8270C	08/17/10	08/17/10 22:04	CBS
1,1-Biphenyl	ND	ug/kg	130	EPA 8270C	08/17/10	08/17/10 22:04	CBS
2-Chloronaphthalene	ND	ug/kg	130	EPA 8270C	08/17/10	08/17/10 22:04	CBS
2-Nitroaniline	ND	ug/kg	320	EPA 8270C	08/17/10	08/17/10 22:04	CBS



CALIBER ANALYTICAL SERVICES

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Nutshell Enterprises
4059 Norrisville Road
Jarrettsville, MD 21084

Date Sampled: 08/09/10 15:00
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Date Issued: 08/19/10

Project: 2 Executive Way
Site Location: Ranson, WV

SDG Number: 10081002

Field Sample ID: S-4 Matrix: Soil Lab ID: 10081002-12

	Result	Unit	LLQ	Method	Prepared	Analyzed	Init.
Target Compound List - SEMIVOLATILES							
Dimethyl phthalate	ND	ug/kg	130	EPA 8270C	08/17/10	08/17/10 22:04	CBS
2,6-Dinitrotoluene	ND	ug/kg	130	EPA 8270C	08/17/10	08/17/10 22:04	CBS
Acenaphthylene	ND	ug/kg	130	EPA 8270C	08/17/10	08/17/10 22:04	CBS
3-Nitroaniline	ND	ug/kg	320	EPA 8270C	08/17/10	08/17/10 22:04	CBS
Acenaphthene	ND	ug/kg	130	EPA 8270C	08/17/10	08/17/10 22:04	CBS
2,4-Dinitrophenol	ND	ug/kg	320	EPA 8270C	08/17/10	08/17/10 22:04	CBS
4-Nitrophenol	ND	ug/kg	320	EPA 8270C	08/17/10	08/17/10 22:04	CBS
Dibenzofuran	ND	ug/kg	130	EPA 8270C	08/17/10	08/17/10 22:04	CBS
2,4-Dinitrotoluene	ND	ug/kg	130	EPA 8270C	08/17/10	08/17/10 22:04	CBS
Diethyl phthalate	ND	ug/kg	130	EPA 8270C	08/17/10	08/17/10 22:04	CBS
Fluorene	ND	ug/kg	130	EPA 8270C	08/17/10	08/17/10 22:04	CBS
4-Chlorophenyl phenyl ether	ND	ug/kg	130	EPA 8270C	08/17/10	08/17/10 22:04	CBS
4-Nitroaniline	ND	ug/kg	320	EPA 8270C	08/17/10	08/17/10 22:04	CBS
4,6-Dinitro-2-methylphenol	ND	ug/kg	290	EPA 8270C	08/17/10	08/17/10 22:04	CBS
N-Nitrosodiphenylamine	ND	ug/kg	130	EPA 8270C	08/17/10	08/17/10 22:04	CBS
4-Bromophenyl phenyl ether	ND	ug/kg	130	EPA 8270C	08/17/10	08/17/10 22:04	CBS
Hexachlorobenzene	ND	ug/kg	130	EPA 8270C	08/17/10	08/17/10 22:04	CBS
Atrazine	ND	ug/kg	130	EPA 8270C	08/17/10	08/17/10 22:04	CBS
Pentachlorophenol	ND	ug/kg	320	EPA 8270C	08/17/10	08/17/10 22:04	CBS
Phenanthrene	ND	ug/kg	130	EPA 8270C	08/17/10	08/17/10 22:04	CBS
Anthracene	ND	ug/kg	130	EPA 8270C	08/17/10	08/17/10 22:04	CBS
Carbazole	ND	ug/kg	130	EPA 8270C	08/17/10	08/17/10 22:04	CBS
Di-n-butyl phthalate	ND	ug/kg	130	EPA 8270C	08/17/10	08/17/10 22:04	CBS
Fluoranthene	ND	ug/kg	130	EPA 8270C	08/17/10	08/17/10 22:04	CBS
Pyrene	ND	ug/kg	130	EPA 8270C	08/17/10	08/17/10 22:04	CBS
Butyl benzyl phthalate	ND	ug/kg	130	EPA 8270C	08/17/10	08/17/10 22:04	CBS
3,3-Dichlorobenzidine	ND	ug/kg	130	EPA 8270C	08/17/10	08/17/10 22:04	CBS
Benzo[a]anthracene	ND	ug/kg	130	EPA 8270C	08/17/10	08/17/10 22:04	CBS
Chrysene	ND	ug/kg	130	EPA 8270C	08/17/10	08/17/10 22:04	CBS
Bis (2-ethylhexyl) phthalate	ND	ug/kg	130	EPA 8270C	08/17/10	08/17/10 22:04	CBS
Di-n-octyl phthalate	ND	ug/kg	130	EPA 8270C	08/17/10	08/17/10 22:04	CBS
Benzo[b]fluoranthene	ND	ug/kg	130	EPA 8270C	08/17/10	08/17/10 22:04	CBS
Benzo[k]fluoranthene	ND	ug/kg	130	EPA 8270C	08/17/10	08/17/10 22:04	CBS
Benzo[a]pyrene	ND	ug/kg	130	EPA 8270C	08/17/10	08/17/10 22:04	CBS
Indeno[1,2,3-cd]pyrene	ND	ug/kg	130	EPA 8270C	08/17/10	08/17/10 22:04	CBS
Dibenz[a,h]anthracene	ND	ug/kg	130	EPA 8270C	08/17/10	08/17/10 22:04	CBS
Benzo[g,h,i]perylene	ND	ug/kg	130	EPA 8270C	08/17/10	08/17/10 22:04	CBS
Target Compound List - VOLATILES							
Dichlorodifluoromethane	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 3:31	JKL
Chloromethane	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 3:31	JKL



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Project: 2 Executive Way
Site Location: Ranson, WV

SDG Number: 10081002

Field Sample ID: S-4 Matrix: Soil Lab ID: 10081002-12

	Result	Unit	LLQ	Method	Prepared	Analyzed	Init.
Target Compound List - VOLATILES							
Vinyl chloride	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 3:31	JKL
Bromomethane	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 3:31	JKL
Chloroethane	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 3:31	JKL
Trichlorofluoromethane	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 3:31	JKL
1,1-Dichloroethene	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 3:31	JKL
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 3:31	JKL
Acetone	ND	ug/kg	60	EPA 8260B	08/17/10	08/17/10 3:31	JKL
Carbon disulfide	ND	ug/kg	12	EPA 8260B	08/17/10	08/17/10 3:31	JKL
Methyl acetate	ND	ug/kg	30	EPA 8260B	08/17/10	08/17/10 3:31	JKL
Methylene chloride	ND	ug/kg	30	EPA 8260B	08/17/10	08/17/10 3:31	JKL
trans-1,2-Dichloroethene	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 3:31	JKL
Methyl t-butyl ether (MTBE)	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 3:31	JKL
1,1-Dichloroethane	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 3:31	JKL
cis-1,2-Dichloroethene	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 3:31	JKL
2-Butanone (MEK)	ND	ug/kg	60	EPA 8260B	08/17/10	08/17/10 3:31	JKL
Chloroform	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 3:31	JKL
1,1,1-Trichloroethane	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 3:31	JKL
Cyclohexane	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 3:31	JKL
Carbon tetrachloride	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 3:31	JKL
Benzene	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 3:31	JKL
1,2-Dichloroethane	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 3:31	JKL
Trichloroethene	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 3:31	JKL
Methylcyclohexane	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 3:31	JKL
1,2-Dichloropropane	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 3:31	JKL
Bromodichloromethane	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 3:31	JKL
cis-1,3-Dichloropropene	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 3:31	JKL
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	12	EPA 8260B	08/17/10	08/17/10 3:31	JKL
Toluene	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 3:31	JKL
trans-1,3-Dichloropropene	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 3:31	JKL
1,1,2-Trichloroethane	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 3:31	JKL
Tetrachloroethene	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 3:31	JKL
2-Hexanone (MBK)	ND	ug/kg	12	EPA 8260B	08/17/10	08/17/10 3:31	JKL
Dibromochloromethane	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 3:31	JKL
1,2-Dibromoethane	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 3:31	JKL
Chlorobenzene	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 3:31	JKL
Ethylbenzene	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 3:31	JKL
m&p-Xylene	ND	ug/kg	12	EPA 8260B	08/17/10	08/17/10 3:31	JKL
o-Xylene	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 3:31	JKL
Styrene	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 3:31	JKL
Bromoform	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 3:31	JKL



CALIBER ANALYTICAL SERVICES

Certificate of Analysis

Nutshell Enterprises
4059 Norrisville Road
Jarrettsville, MD 21084

Date Sampled: 08/09/10 15:00

Date Received: 08/10/10 9:25

Date Issued: 08/19/10

Project: 2 Executive Way

Site Location: Ranson, WV

SDG Number: 10081002

Field Sample ID: S-4 Matrix: Soil Lab ID: 10081002-12

	Result	Unit	LLQ	Method	Prepared	Analyzed	Init.
Target Compound List - VOLATILES							
Isopropylbenzene	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 3:31	JKL
1,1,2,2-Tetrachloroethane	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 3:31	JKL
1,3-Dichlorobenzene	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 3:31	JKL
1,4-Dichlorobenzene	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 3:31	JKL
1,2-Dichlorobenzene	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 3:31	JKL
1,2-Dibromo-3-chloropropane	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 3:31	JKL
1,2,4-Trichlorobenzene	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 3:31	JKL
Ethyl t-butyl ether (ETBE)	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 3:31	JKL
tert-Butanol (TBA)	ND	ug/kg	30	EPA 8260B	08/17/10	08/17/10 3:31	JKL
Diisopropyl ether (DIPE)	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 3:31	JKL
tert-Amyl methyl ether (TAME)	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 3:31	JKL
tert-Amyl alcohol (TAA)	ND	ug/kg	30	EPA 8260B	08/17/10	08/17/10 3:31	JKL
tert-Amyl ethyl ether (TAEE)	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 3:31	JKL
Total Metals							
Antimony	ND	mg/kg	2.3	EPA 6020A	08/12/10	08/13/10 11:08	MEL
Arsenic	3.4	mg/kg	0.47	EPA 6020A	08/12/10	08/13/10 11:08	MEL
Beryllium	ND	mg/kg	2.3	EPA 6020A	08/12/10	08/13/10 11:08	MEL
Cadmium	ND	mg/kg	2.3	EPA 6020A	08/12/10	08/13/10 11:08	MEL
Chromium	14	mg/kg	2.3	EPA 6020A	08/12/10	08/13/10 11:08	MEL
Copper	22	mg/kg	2.3	EPA 6020A	08/12/10	08/13/10 11:08	MEL
Lead	46	mg/kg	2.3	EPA 6020A	08/12/10	08/13/10 11:08	MEL
Mercury	0.11	mg/kg	0.094	EPA 6020A	08/12/10	08/13/10 11:08	MEL
Nickel	17	mg/kg	2.3	EPA 6020A	08/12/10	08/13/10 11:08	MEL
Selenium	ND	mg/kg	2.3	EPA 6020A	08/12/10	08/13/10 11:08	MEL
Silver	ND	mg/kg	2.3	EPA 6020A	08/12/10	08/13/10 11:08	MEL
Thallium	ND	mg/kg	1.9	EPA 6020A	08/12/10	08/13/10 11:08	MEL
Zinc	53	mg/kg	2.3	EPA 6020A	08/12/10	08/13/10 11:08	MEL
Total Petroleum Hydrocarbons - (C10-C28) DRO							
Diesel Range Organics	ND	mg/kg	13	EPA 8015C	08/12/10	08/18/10 10:20	AC
Total Petroleum Hydrocarbons - (C6-C10) GRO							
Gasoline Range Organics	ND	mg/kg	0.26	EPA 8015C	08/12/10	08/12/10 14:16	AC

Notes/Qualifiers:

LLQ- Lowest Level of Quantitation

ND - Not Detected at a concentration greater than or equal to the LLQ.

Results reported on a dry weight basis.

Approved by:

Matt Cohen

QC Chemist



CALIBER ANALYTICAL SERVICES

Certificate of Analysis

Nutshell Enterprises
4059 Norrisville Road
Jarrettsville, MD 21084

Date Sampled: 08/09/10 14:40
Date Received: 08/10/10 9:25
Date Issued: 08/19/10

Project: 2 Executive Way
Site Location: Ranson, WV

SDG Number: 10081002

Field Sample ID: S-5 Matrix: Soil Lab ID: 10081002-13

	Result	Unit	LLQ	Method	Prepared	Analyzed	Init.
Bulk Asbestos							
Asbestos	Chrysotile	Present		EPA-600/4-82-020	08/18/10	08/18/10	EL
Percent Solids							
Percent Solids	81	%		SM2540G	08/12/10	08/12/10 10:54	LMJ
Polychlorinated Biphenyls							
Aroclor 1016	ND	mg/kg	0.062	EPA 8082	08/16/10	08/16/10 19:29	AC
Aroclor 1221	ND	mg/kg	0.062	EPA 8082	08/16/10	08/16/10 19:29	AC
Aroclor 1232	ND	mg/kg	0.062	EPA 8082	08/16/10	08/16/10 19:29	AC
Aroclor 1242	ND	mg/kg	0.062	EPA 8082	08/16/10	08/16/10 19:29	AC
Aroclor 1248	ND	mg/kg	0.062	EPA 8082	08/16/10	08/16/10 19:29	AC
Aroclor 1254	ND	mg/kg	0.062	EPA 8082	08/16/10	08/16/10 19:29	AC
Aroclor 1260	ND	mg/kg	0.062	EPA 8082	08/16/10	08/16/10 19:29	AC
Aroclor 1262	32	mg/kg	1.2	EPA 8082	08/16/10	08/16/10 19:29	AC

Target Compound List - SEMIVOLATILES

Phenol	ND	ug/kg	130	EPA 8270C	08/17/10	08/17/10 23:53	CBS
Bis (2-chloroethyl) ether	ND	ug/kg	130	EPA 8270C	08/17/10	08/17/10 23:53	CBS
2-Chlorophenol	ND	ug/kg	130	EPA 8270C	08/17/10	08/17/10 23:53	CBS
2-Methylphenol	ND	ug/kg	130	EPA 8270C	08/17/10	08/17/10 23:53	CBS
Bis (2-chloroisopropyl) ether	ND	ug/kg	130	EPA 8270C	08/17/10	08/17/10 23:53	CBS
Acetophenone	ND	ug/kg	130	EPA 8270C	08/17/10	08/17/10 23:53	CBS
4-Methylphenol	ND	ug/kg	130	EPA 8270C	08/17/10	08/17/10 23:53	CBS
N-Nitroso-di-n-propylamine	ND	ug/kg	130	EPA 8270C	08/17/10	08/17/10 23:53	CBS
Hexachloroethane	ND	ug/kg	130	EPA 8270C	08/17/10	08/17/10 23:53	CBS
Nitrobenzene	ND	ug/kg	130	EPA 8270C	08/17/10	08/17/10 23:53	CBS
Isophorone	ND	ug/kg	130	EPA 8270C	08/17/10	08/17/10 23:53	CBS
2-Nitrophenol	ND	ug/kg	130	EPA 8270C	08/17/10	08/17/10 23:53	CBS
2,4-Dimethylphenol	ND	ug/kg	130	EPA 8270C	08/17/10	08/17/10 23:53	CBS
Bis (2-chloroethoxy) methane	ND	ug/kg	130	EPA 8270C	08/17/10	08/17/10 23:53	CBS
2,4-Dichlorophenol	ND	ug/kg	130	EPA 8270C	08/17/10	08/17/10 23:53	CBS
Naphthalene	ND	ug/kg	130	EPA 8270C	08/17/10	08/17/10 23:53	CBS
4-Chloroaniline	ND	ug/kg	130	EPA 8270C	08/17/10	08/17/10 23:53	CBS
Hexachlorobutadiene	ND	ug/kg	130	EPA 8270C	08/17/10	08/17/10 23:53	CBS
Caprolactam	ND	ug/kg	130	EPA 8270C	08/17/10	08/17/10 23:53	CBS
4-Chloro-3-methylphenol	ND	ug/kg	130	EPA 8270C	08/17/10	08/17/10 23:53	CBS
2-Methylnaphthalene	ND	ug/kg	130	EPA 8270C	08/17/10	08/17/10 23:53	CBS
Hexachlorocyclopentadiene	ND	ug/kg	130	EPA 8270C	08/17/10	08/17/10 23:53	CBS
2,4,6-Trichlorophenol	ND	ug/kg	130	EPA 8270C	08/17/10	08/17/10 23:53	CBS
2,4,5-Trichlorophenol	ND	ug/kg	330	EPA 8270C	08/17/10	08/17/10 23:53	CBS
1,1-Biphenyl	ND	ug/kg	130	EPA 8270C	08/17/10	08/17/10 23:53	CBS
2-Chloronaphthalene	ND	ug/kg	130	EPA 8270C	08/17/10	08/17/10 23:53	CBS



CALIBER ANALYTICAL SERVICES

Certificate of Analysis

Nutshell Enterprises
4059 Norrisville Road
Jarrettsville, MD 21084

Date Sampled: 08/09/10 14:40
Date Received: 08/10/10 9:25
Date Issued: 08/19/10

Project: 2 Executive Way
Site Location: Ranson, WV

SDG Number: 10081002

Field Sample ID: S-5 Matrix: Soil Lab ID: 10081002-13

	Result	Unit	LLQ	Method	Prepared	Analyzed	Init.
Target Compound List - SEMIVOLATILES							
2-Nitroaniline	ND	ug/kg	330	EPA 8270C	08/17/10	08/17/10 23:53	CBS
Dimethyl phthalate	ND	ug/kg	130	EPA 8270C	08/17/10	08/17/10 23:53	CBS
2,6-Dinitrotoluene	ND	ug/kg	130	EPA 8270C	08/17/10	08/17/10 23:53	CBS
Acenaphthylene	ND	ug/kg	130	EPA 8270C	08/17/10	08/17/10 23:53	CBS
3-Nitroaniline	ND	ug/kg	330	EPA 8270C	08/17/10	08/17/10 23:53	CBS
Acenaphthene	ND	ug/kg	130	EPA 8270C	08/17/10	08/17/10 23:53	CBS
2,4-Dinitrophenol	ND	ug/kg	330	EPA 8270C	08/17/10	08/17/10 23:53	CBS
4-Nitrophenol	ND	ug/kg	330	EPA 8270C	08/17/10	08/17/10 23:53	CBS
Dibenzofuran	ND	ug/kg	130	EPA 8270C	08/17/10	08/17/10 23:53	CBS
2,4-Dinitrotoluene	ND	ug/kg	130	EPA 8270C	08/17/10	08/17/10 23:53	CBS
Diethyl phthalate	ND	ug/kg	130	EPA 8270C	08/17/10	08/17/10 23:53	CBS
Fluorene	ND	ug/kg	130	EPA 8270C	08/17/10	08/17/10 23:53	CBS
4-Chlorophenyl phenyl ether	ND	ug/kg	130	EPA 8270C	08/17/10	08/17/10 23:53	CBS
4-Nitroaniline	ND	ug/kg	330	EPA 8270C	08/17/10	08/17/10 23:53	CBS
4,6-Dinitro-2-methylphenol	ND	ug/kg	310	EPA 8270C	08/17/10	08/17/10 23:53	CBS
N-Nitrosodiphenylamine	ND	ug/kg	130	EPA 8270C	08/17/10	08/17/10 23:53	CBS
4-Bromophenyl phenyl ether	ND	ug/kg	130	EPA 8270C	08/17/10	08/17/10 23:53	CBS
Hexachlorobenzene	ND	ug/kg	130	EPA 8270C	08/17/10	08/17/10 23:53	CBS
Atrazine	ND	ug/kg	130	EPA 8270C	08/17/10	08/17/10 23:53	CBS
Pentachlorophenol	ND	ug/kg	330	EPA 8270C	08/17/10	08/17/10 23:53	CBS
Phenanthrene	150	ug/kg	130	EPA 8270C	08/17/10	08/17/10 23:53	CBS
Anthracene	150	ug/kg	130	EPA 8270C	08/17/10	08/17/10 23:53	CBS
Carbazole	ND	ug/kg	130	EPA 8270C	08/17/10	08/17/10 23:53	CBS
Di-n-butyl phthalate	ND	ug/kg	130	EPA 8270C	08/17/10	08/17/10 23:53	CBS
Fluoranthene	310	ug/kg	130	EPA 8270C	08/17/10	08/17/10 23:53	CBS
Pyrene	270	ug/kg	130	EPA 8270C	08/17/10	08/17/10 23:53	CBS
Butyl benzyl phthalate	ND	ug/kg	130	EPA 8270C	08/17/10	08/17/10 23:53	CBS
3,3-Dichlorobenzidine	ND	ug/kg	130	EPA 8270C	08/17/10	08/17/10 23:53	CBS
Benzo[a]anthracene	200	ug/kg	130	EPA 8270C	08/17/10	08/17/10 23:53	CBS
Chrysene	230	ug/kg	130	EPA 8270C	08/17/10	08/17/10 23:53	CBS
Bis (2-ethylhexyl) phthalate	150	ug/kg	130	EPA 8270C	08/17/10	08/17/10 23:53	CBS
Di-n-octyl phthalate	ND	ug/kg	130	EPA 8270C	08/17/10	08/17/10 23:53	CBS
Benzo[b]fluoranthene	470	ug/kg	130	EPA 8270C	08/17/10	08/17/10 23:53	CBS
Benzo[k]fluoranthene	250	ug/kg	130	EPA 8270C	08/17/10	08/17/10 23:53	CBS
Benzo[a]pyrene	390	ug/kg	130	EPA 8270C	08/17/10	08/17/10 23:53	CBS
Indeno[1,2,3-cd]pyrene	130	ug/kg	130	EPA 8270C	08/17/10	08/17/10 23:53	CBS
Dibenz[a,h]anthracene	ND	ug/kg	130	EPA 8270C	08/17/10	08/17/10 23:53	CBS
Benzo[g,h,i]perylene	130	ug/kg	130	EPA 8270C	08/17/10	08/17/10 23:53	CBS
Target Compound List - VOLATILES							
Dichlorodifluoromethane	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 4:02	JKL



CALIBER ANALYTICAL SERVICES

Certificate of Analysis

Nutshell Enterprises
4059 Norrisville Road
Jarrettsville, MD 21084

Date Sampled: 08/09/10 14:40

Date Received: 08/10/10 9:25

Date Issued: 08/19/10

Project: 2 Executive Way
Site Location: Ranson, WV

SDG Number: 10081002

Field Sample ID: S-5 Matrix: Soil Lab ID: 10081002-13

Result Unit LLQ Method Prepared Analyzed Init.

Target Compound List - VOLATILES

Chloromethane	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 4:02	JKL
Vinyl chloride	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 4:02	JKL
Bromomethane	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 4:02	JKL
Chloroethane	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 4:02	JKL
Trichlorofluoromethane	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 4:02	JKL
1,1-Dichloroethene	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 4:02	JKL
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 4:02	JKL
Acetone	ND	ug/kg	59	EPA 8260B	08/17/10	08/17/10 4:02	JKL
Carbon disulfide	ND	ug/kg	12	EPA 8260B	08/17/10	08/17/10 4:02	JKL
Methyl acetate	ND	ug/kg	30	EPA 8260B	08/17/10	08/17/10 4:02	JKL
Methylene chloride	ND	ug/kg	35	EPA 8260B	08/17/10	08/17/10 4:02	JKL
trans-1,2-Dichloroethene	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 4:02	JKL
Methyl t-butyl ether (MTBE)	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 4:02	JKL
1,1-Dichloroethane	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 4:02	JKL
cis-1,2-Dichloroethene	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 4:02	JKL
2-Butanone (MEK)	ND	ug/kg	59	EPA 8260B	08/17/10	08/17/10 4:02	JKL
Chloroform	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 4:02	JKL
1,1,1-Trichloroethane	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 4:02	JKL
Cyclohexane	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 4:02	JKL
Carbon tetrachloride	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 4:02	JKL
Benzene	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 4:02	JKL
1,2-Dichloroethane	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 4:02	JKL
Trichloroethene	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 4:02	JKL
Methylcyclohexane	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 4:02	JKL
1,2-Dichloropropane	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 4:02	JKL
Bromodichloromethane	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 4:02	JKL
cis-1,3-Dichloropropene	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 4:02	JKL
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	12	EPA 8260B	08/17/10	08/17/10 4:02	JKL
Toluene	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 4:02	JKL
trans-1,3-Dichloropropene	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 4:02	JKL
1,1,2-Trichloroethane	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 4:02	JKL
Tetrachloroethene	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 4:02	JKL
2-Hexanone (MBK)	ND	ug/kg	12	EPA 8260B	08/17/10	08/17/10 4:02	JKL
Dibromochloromethane	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 4:02	JKL
1,2-Dibromoethane	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 4:02	JKL
Chlorobenzene	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 4:02	JKL
Ethylbenzene	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 4:02	JKL
m&p-Xylene	ND	ug/kg	12	EPA 8260B	08/17/10	08/17/10 4:02	JKL
o-Xylene	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 4:02	JKL
Styrene	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 4:02	JKL



CALIBER ANALYTICAL SERVICES

Certificate of Analysis

Nutshell Enterprises
4059 Norrisville Road
Jarrettsville, MD 21084

Date Sampled: 08/09/10 14:40
Date Received: 08/10/10 9:25
Date Issued: 08/19/10

Project: 2 Executive Way
Site Location: Ranson, WV

SDG Number: 10081002

Field Sample ID: S-5 Matrix: Soil Lab ID: 10081002-13

	Result	Unit	LLQ	Method	Prepared	Analyzed	Init.
Target Compound List - VOLATILES							
Bromoform	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 4:02	JKL
Isopropylbenzene	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 4:02	JKL
1,1,2,2-Tetrachloroethane	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 4:02	JKL
1,3-Dichlorobenzene	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 4:02	JKL
1,4-Dichlorobenzene	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 4:02	JKL
1,2-Dichlorobenzene	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 4:02	JKL
1,2-Dibromo-3-chloropropane	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 4:02	JKL
1,2,4-Trichlorobenzene	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 4:02	JKL
Ethyl t-butyl ether (ETBE)	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 4:02	JKL
tert-Butanol (TBA)	ND	ug/kg	30	EPA 8260B	08/17/10	08/17/10 4:02	JKL
Diisopropyl ether (DIPE)	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 4:02	JKL
tert-Amyl methyl ether (TAME)	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 4:02	JKL
tert-Amyl alcohol (TAA)	ND	ug/kg	30	EPA 8260B	08/17/10	08/17/10 4:02	JKL
tert-Amyl ethyl ether (TAAE)	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 4:02	JKL
Total Metals							
Antimony	ND	mg/kg	2.2	EPA 6020A	08/12/10	08/13/10 11:15	MEL
Arsenic	5.9	mg/kg	0.45	EPA 6020A	08/12/10	08/13/10 11:15	MEL
Beryllium	ND	mg/kg	2.2	EPA 6020A	08/12/10	08/13/10 11:15	MEL
Cadmium	2.7	mg/kg	2.2	EPA 6020A	08/12/10	08/13/10 11:15	MEL
Chromium	25	mg/kg	2.2	EPA 6020A	08/12/10	08/13/10 11:15	MEL
Copper	210	mg/kg	2.2	EPA 6020A	08/12/10	08/13/10 11:15	MEL
Lead	800	mg/kg	2.2	EPA 6020A	08/12/10	08/13/10 11:15	MEL
Mercury	2.3	mg/kg	0.09	EPA 6020A	08/12/10	08/13/10 11:15	MEL
Nickel	27	mg/kg	2.2	EPA 6020A	08/12/10	08/13/10 11:15	MEL
Selenium	ND	mg/kg	2.2	EPA 6020A	08/12/10	08/13/10 11:15	MEL
Silver	ND	mg/kg	2.2	EPA 6020A	08/12/10	08/13/10 11:15	MEL
Thallium	ND	mg/kg	1.8	EPA 6020A	08/12/10	08/13/10 11:15	MEL
Zinc	630	mg/kg	2.2	EPA 6020A	08/12/10	08/13/10 11:15	MEL
Total Petroleum Hydrocarbons - (C10-C28) DRO							
Diesel Range Organics	66	mg/kg	12	EPA 8015C	08/12/10	08/13/10 16:48	AC
Total Petroleum Hydrocarbons - (C6-C10) GRO							
Gasoline Range Organics	ND	mg/kg	0.3	EPA 8015C	08/12/10	08/12/10 14:42	AC

Notes/Qualifiers:

LLQ- Lowest Level of Quantitation

ND - Not Detected at a concentration greater than or equal to the LLQ.

Results reported on a dry weight basis.

Approved by:

Matt Cohen

QC Chemist



CALIBER ANALYTICAL SERVICES

Certificate of Analysis

Nutshell Enterprises
4059 Norrisville Road
Jarrettsville, MD 21084

Date Sampled: 08/09/10 14:20
Date Received: 08/10/10 9:25
Date Issued: 08/19/10

Project: 2 Executive Way
Site Location: Ranson, WV

SDG Number: 10081002

Field Sample ID:	S-6	Matrix:	Soil	Lab ID:	10081002-14		
	Result	Unit	LLQ	Method	Prepared	Analyzed	Init.
Bulk Asbestos							
Asbestos	ND	%	1	EPA-600/4-82-020	08/18/10	08/18/10	EL
Percent Solids							
Percent Solids	86	%		SM2540G	08/12/10	08/12/10 10:54	LMJ
Polychlorinated Biphenyls							
Aroclor 1016	ND	mg/kg	0.059	EPA 8082	08/16/10	08/18/10 14:08	AC
Aroclor 1221	ND	mg/kg	0.059	EPA 8082	08/16/10	08/18/10 14:08	AC
Aroclor 1232	ND	mg/kg	0.059	EPA 8082	08/16/10	08/18/10 14:08	AC
Aroclor 1242	ND	mg/kg	0.059	EPA 8082	08/16/10	08/18/10 14:08	AC
Aroclor 1248	ND	mg/kg	0.059	EPA 8082	08/16/10	08/18/10 14:08	AC
Aroclor 1254	ND	mg/kg	0.059	EPA 8082	08/16/10	08/18/10 14:08	AC
Aroclor 1260	ND	mg/kg	0.059	EPA 8082	08/16/10	08/18/10 14:08	AC
Target Compound List - SEMIVOLATILES							
Phenol	ND	ug/kg	120	EPA 8270C	08/18/10	08/18/10 0:34	CBS
Bis (2-chloroethyl) ether	ND	ug/kg	120	EPA 8270C	08/18/10	08/18/10 0:34	CBS
2-Chlorophenol	ND	ug/kg	120	EPA 8270C	08/18/10	08/18/10 0:34	CBS
2-Methylphenol	ND	ug/kg	120	EPA 8270C	08/18/10	08/18/10 0:34	CBS
Bis (2-chloroisopropyl) ether	ND	ug/kg	120	EPA 8270C	08/18/10	08/18/10 0:34	CBS
Acetophenone	ND	ug/kg	120	EPA 8270C	08/18/10	08/18/10 0:34	CBS
4-Methylphenol	ND	ug/kg	120	EPA 8270C	08/18/10	08/18/10 0:34	CBS
N-Nitroso-di-n-propylamine	ND	ug/kg	120	EPA 8270C	08/18/10	08/18/10 0:34	CBS
Hexachloroethane	ND	ug/kg	120	EPA 8270C	08/18/10	08/18/10 0:34	CBS
Nitrobenzene	ND	ug/kg	120	EPA 8270C	08/18/10	08/18/10 0:34	CBS
Isophorone	ND	ug/kg	120	EPA 8270C	08/18/10	08/18/10 0:34	CBS
2-Nitrophenol	ND	ug/kg	120	EPA 8270C	08/18/10	08/18/10 0:34	CBS
2,4-Dimethylphenol	ND	ug/kg	120	EPA 8270C	08/18/10	08/18/10 0:34	CBS
Bis (2-chloroethoxy) methane	ND	ug/kg	120	EPA 8270C	08/18/10	08/18/10 0:34	CBS
2,4-Dichlorophenol	ND	ug/kg	120	EPA 8270C	08/18/10	08/18/10 0:34	CBS
Naphthalene	ND	ug/kg	120	EPA 8270C	08/18/10	08/18/10 0:34	CBS
4-Chloroaniline	ND	ug/kg	120	EPA 8270C	08/18/10	08/18/10 0:34	CBS
Hexachlorobutadiene	ND	ug/kg	120	EPA 8270C	08/18/10	08/18/10 0:34	CBS
Caprolactam	ND	ug/kg	120	EPA 8270C	08/18/10	08/18/10 0:34	CBS
4-Chloro-3-methylphenol	ND	ug/kg	120	EPA 8270C	08/18/10	08/18/10 0:34	CBS
2-Methylnaphthalene	ND	ug/kg	120	EPA 8270C	08/18/10	08/18/10 0:34	CBS
Hexachlorocyclopentadiene	ND	ug/kg	120	EPA 8270C	08/18/10	08/18/10 0:34	CBS
2,4,6-Trichlorophenol	ND	ug/kg	120	EPA 8270C	08/18/10	08/18/10 0:34	CBS
2,4,5-Trichlorophenol	ND	ug/kg	290	EPA 8270C	08/18/10	08/18/10 0:34	CBS
1,1-Biphenyl	ND	ug/kg	120	EPA 8270C	08/18/10	08/18/10 0:34	CBS
2-Chloronaphthalene	ND	ug/kg	120	EPA 8270C	08/18/10	08/18/10 0:34	CBS
2-Nitroaniline	ND	ug/kg	290	EPA 8270C	08/18/10	08/18/10 0:34	CBS



CALIBER ANALYTICAL SERVICES

Certificate of Analysis

Nutshell Enterprises
4059 Norrisville Road
Jarrettsville, MD 21084

Date Sampled: 08/09/10 14:20
Date Received: 08/10/10 9:25
Date Issued: 08/19/10

Project: 2 Executive Way
Site Location: Ranson, WV

SDG Number: 10081002

Field Sample ID: S-6 Matrix: Soil Lab ID: 10081002-14

	Result	Unit	LLQ	Method	Prepared	Analyzed	Init.
Target Compound List - SEMIVOLATILES							
Dimethyl phthalate	ND	ug/kg	120	EPA 8270C	08/18/10	08/18/10 0:34	CBS
2,6-Dinitrotoluene	ND	ug/kg	120	EPA 8270C	08/18/10	08/18/10 0:34	CBS
Acenaphthylene	ND	ug/kg	120	EPA 8270C	08/18/10	08/18/10 0:34	CBS
3-Nitroaniline	ND	ug/kg	290	EPA 8270C	08/18/10	08/18/10 0:34	CBS
Acenaphthene	ND	ug/kg	120	EPA 8270C	08/18/10	08/18/10 0:34	CBS
2,4-Dinitrophenol	ND	ug/kg	290	EPA 8270C	08/18/10	08/18/10 0:34	CBS
4-Nitrophenol	ND	ug/kg	290	EPA 8270C	08/18/10	08/18/10 0:34	CBS
Dibenzofuran	ND	ug/kg	120	EPA 8270C	08/18/10	08/18/10 0:34	CBS
2,4-Dinitrotoluene	ND	ug/kg	120	EPA 8270C	08/18/10	08/18/10 0:34	CBS
Diethyl phthalate	ND	ug/kg	120	EPA 8270C	08/18/10	08/18/10 0:34	CBS
Fluorene	ND	ug/kg	120	EPA 8270C	08/18/10	08/18/10 0:34	CBS
4-Chlorophenyl phenyl ether	ND	ug/kg	120	EPA 8270C	08/18/10	08/18/10 0:34	CBS
4-Nitroaniline	ND	ug/kg	290	EPA 8270C	08/18/10	08/18/10 0:34	CBS
4,6-Dinitro-2-methylphenol	ND	ug/kg	270	EPA 8270C	08/18/10	08/18/10 0:34	CBS
N-Nitrosodiphenylamine	ND	ug/kg	120	EPA 8270C	08/18/10	08/18/10 0:34	CBS
4-Bromophenyl phenyl ether	ND	ug/kg	120	EPA 8270C	08/18/10	08/18/10 0:34	CBS
Hexachlorobenzene	ND	ug/kg	120	EPA 8270C	08/18/10	08/18/10 0:34	CBS
Atrazine	ND	ug/kg	120	EPA 8270C	08/18/10	08/18/10 0:34	CBS
Pentachlorophenol	ND	ug/kg	290	EPA 8270C	08/18/10	08/18/10 0:34	CBS
Phenanthrene	ND	ug/kg	120	EPA 8270C	08/18/10	08/18/10 0:34	CBS
Anthracene	ND	ug/kg	120	EPA 8270C	08/18/10	08/18/10 0:34	CBS
Carbazole	ND	ug/kg	120	EPA 8270C	08/18/10	08/18/10 0:34	CBS
Di-n-butyl phthalate	ND	ug/kg	120	EPA 8270C	08/18/10	08/18/10 0:34	CBS
Fluoranthene	ND	ug/kg	120	EPA 8270C	08/18/10	08/18/10 0:34	CBS
Pyrene	ND	ug/kg	120	EPA 8270C	08/18/10	08/18/10 0:34	CBS
Butyl benzyl phthalate	ND	ug/kg	120	EPA 8270C	08/18/10	08/18/10 0:34	CBS
3,3-Dichlorobenzidine	ND	ug/kg	120	EPA 8270C	08/18/10	08/18/10 0:34	CBS
Benzo[a]anthracene	ND	ug/kg	120	EPA 8270C	08/18/10	08/18/10 0:34	CBS
Chrysene	ND	ug/kg	120	EPA 8270C	08/18/10	08/18/10 0:34	CBS
Bis (2-ethylhexyl) phthalate	ND	ug/kg	120	EPA 8270C	08/18/10	08/18/10 0:34	CBS
Di-n-octyl phthalate	ND	ug/kg	120	EPA 8270C	08/18/10	08/18/10 0:34	CBS
Benzo[b]fluoranthene	ND	ug/kg	120	EPA 8270C	08/18/10	08/18/10 0:34	CBS
Benzo[k]fluoranthene	ND	ug/kg	120	EPA 8270C	08/18/10	08/18/10 0:34	CBS
Benzo[a]pyrene	ND	ug/kg	120	EPA 8270C	08/18/10	08/18/10 0:34	CBS
Indeno[1,2,3-cd]pyrene	ND	ug/kg	120	EPA 8270C	08/18/10	08/18/10 0:34	CBS
Dibenz[a,h]anthracene	ND	ug/kg	120	EPA 8270C	08/18/10	08/18/10 0:34	CBS
Benzo[g,h,i]perylene	ND	ug/kg	120	EPA 8270C	08/18/10	08/18/10 0:34	CBS

Target Compound List - VOLATILES

Dichlorodifluoromethane	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 4:32	JKL
Chloromethane	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 4:32	JKL



CALIBER ANALYTICAL SERVICES

Certificate of Analysis

Nutshell Enterprises
4059 Norrisville Road
Jarrettsville, MD 21084

Date Sampled: 08/09/10 14:20
Date Received: 08/10/10 9:25
Date Issued: 08/19/10

Project: 2 Executive Way
Site Location: Ranson, WV

SDG Number: 10081002

Field Sample ID: S-6 Matrix: Soil Lab ID: 10081002-14

	Result	Unit	L.L.Q	Method	Prepared	Analyzed	Init.
Target Compound List - VOLATILES							
Vinyl chloride	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 4:32	JKL
Bromomethane	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 4:32	JKL
Chloroethane	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 4:32	JKL
Trichlorofluoromethane	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 4:32	JKL
1,1-Dichloroethene	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 4:32	JKL
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 4:32	JKL
Acetone	ND	ug/kg	55	EPA 8260B	08/17/10	08/17/10 4:32	JKL
Carbon disulfide	ND	ug/kg	11	EPA 8260B	08/17/10	08/17/10 4:32	JKL
Methyl acetate	ND	ug/kg	28	EPA 8260B	08/17/10	08/17/10 4:32	JKL
Methylene chloride	ND	ug/kg	28	EPA 8260B	08/17/10	08/17/10 4:32	JKL
trans-1,2-Dichloroethene	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 4:32	JKL
Methyl t-butyl ether (MTBE)	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 4:32	JKL
1,1-Dichloroethane	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 4:32	JKL
cis-1,2-Dichloroethene	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 4:32	JKL
2-Butanone (MEK)	ND	ug/kg	55	EPA 8260B	08/17/10	08/17/10 4:32	JKL
Chloroform	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 4:32	JKL
1,1,1-Trichloroethane	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 4:32	JKL
Cyclohexane	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 4:32	JKL
Carbon tetrachloride	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 4:32	JKL
Benzene	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 4:32	JKL
1,2-Dichloroethane	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 4:32	JKL
Trichloroethene	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 4:32	JKL
Methylcyclohexane	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 4:32	JKL
1,2-Dichloropropane	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 4:32	JKL
Bromodichloromethane	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 4:32	JKL
cis-1,3-Dichloropropene	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 4:32	JKL
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	11	EPA 8260B	08/17/10	08/17/10 4:32	JKL
Toluene	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 4:32	JKL
trans-1,3-Dichloropropene	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 4:32	JKL
1,1,2-Trichloroethane	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 4:32	JKL
Tetrachloroethene	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 4:32	JKL
2-Hexanone (MBK)	ND	ug/kg	11	EPA 8260B	08/17/10	08/17/10 4:32	JKL
Dibromochloromethane	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 4:32	JKL
1,2-Dibromoethane	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 4:32	JKL
Chlorobenzene	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 4:32	JKL
Ethylbenzene	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 4:32	JKL
m&p-Xylene	ND	ug/kg	11	EPA 8260B	08/17/10	08/17/10 4:32	JKL
o-Xylene	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 4:32	JKL
Styrene	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 4:32	JKL
Bromoform	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 4:32	JKL



CALIBER ANALYTICAL SERVICES

Certificate of Analysis

Nutshell Enterprises
4059 Norrisville Road
Jarrettsville, MD 21084

Date Sampled: 08/09/10 14:20
Date Received: 08/10/10 9:25
Date Issued: 08/19/10

Project: 2 Executive Way
Site Location: Ranson, WV

SDG Number: 10081002

Field Sample ID:	S-6	Matrix:	Soil	Lab ID:	10081002-14		
	Result	Unit	LLQ	Method	Prepared	Analyzed	Init.
Target Compound List - VOLATILES							
Isopropylbenzene	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 4:32	JKL
1,1,2,2-Tetrachloroethane	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 4:32	JKL
1,3-Dichlorobenzene	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 4:32	JKL
1,4-Dichlorobenzene	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 4:32	JKL
1,2-Dichlorobenzene	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 4:32	JKL
1,2-Dibromo-3-chloropropane	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 4:32	JKL
1,2,4-Trichlorobenzene	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 4:32	JKL
Ethyl t-butyl ether (ETBE)	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 4:32	JKL
tert-Butanol (TBA)	ND	ug/kg	28	EPA 8260B	08/17/10	08/17/10 4:32	JKL
Diisopropyl ether (DIPE)	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 4:32	JKL
tert-Amyl methyl ether (TAME)	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 4:32	JKL
tert-Amyl alcohol (TAA)	ND	ug/kg	28	EPA 8260B	08/17/10	08/17/10 4:32	JKL
tert-Amyl ethyl ether (TAEE)	ND	ug/kg	6	EPA 8260B	08/17/10	08/17/10 4:32	JKL
Total Metals							
Antimony	ND	mg/kg	2.1	EPA 6020A	08/12/10	08/13/10 11:33	MEL
Arsenic	1.4	mg/kg	0.43	EPA 6020A	08/12/10	08/13/10 11:33	MEL
Beryllium	2.5	mg/kg	2.1	EPA 6020A	08/12/10	08/13/10 11:33	MEL
Cadmium	ND	mg/kg	2.1	EPA 6020A	08/12/10	08/13/10 11:33	MEL
Chromium	26	mg/kg	2.1	EPA 6020A	08/12/10	08/13/10 11:33	MEL
Copper	14	mg/kg	2.1	EPA 6020A	08/12/10	08/13/10 11:33	MEL
Lead	28	mg/kg	2.1	EPA 6020A	08/12/10	08/13/10 11:33	MEL
Mercury	0.14	mg/kg	0.086	EPA 6020A	08/12/10	08/13/10 11:33	MEL
Nickel	33	mg/kg	2.1	EPA 6020A	08/12/10	08/13/10 11:33	MEL
Selenium	ND	mg/kg	2.1	EPA 6020A	08/12/10	08/13/10 11:33	MEL
Silver	ND	mg/kg	2.1	EPA 6020A	08/12/10	08/13/10 11:33	MEL
Thallium	ND	mg/kg	1.7	EPA 6020A	08/12/10	08/13/10 11:33	MEL
Zinc	48	mg/kg	2.1	EPA 6020A	08/12/10	08/13/10 11:33	MEL
Total Petroleum Hydrocarbons - (C10-C28) DRO							
Diesel Range Organics	25	mg/kg	11	EPA 8015C	08/12/10	08/13/10 16:48	AC
Total Petroleum Hydrocarbons - (C6-C10) GRO							
Gasoline Range Organics	ND	mg/kg	0.26	EPA 8015C	08/12/10	08/12/10 15:08	AC

Notes/Qualifiers:

LLQ- Lowest Level of Quantitation

ND - Not Detected at a concentration greater than or equal to the LLQ.

Results reported on a dry weight basis.

Approved by:

Matt Cohen

QC Chemist



CALIBER ANALYTICAL SERVICES

Certificate of Analysis

Nutshell Enterprises
4059 Norrisville Road
Jarrettsville, MD 21084

Date Sampled: 08/09/10 11:50
Date Received: 08/10/10 9:25
Date Issued: 08/19/10

Project: 2 Executive Way
Site Location: Ranson, WV

SDG Number: 10081002

Field Sample ID: S-7 Matrix: Soil Lab ID: 10081002-15

	Result	Unit	LLQ	Method	Prepared	Analyzed	Init.
Bulk Asbestos							
Asbestos	ND	%	1	EPA-600/4-82-020	08/18/10	08/18/10	EL
Percent Solids							
Percent Solids	89	%		SM2540G	08/12/10	08/12/10 10:54	LMJ
Polychlorinated Biphenyls							
Aroclor 1016	ND	mg/kg	0.056	EPA 8082	08/16/10	08/16/10 20:26	AC
Aroclor 1221	ND	mg/kg	0.056	EPA 8082	08/16/10	08/16/10 20:26	AC
Aroclor 1232	ND	mg/kg	0.056	EPA 8082	08/16/10	08/16/10 20:26	AC
Aroclor 1242	ND	mg/kg	0.056	EPA 8082	08/16/10	08/16/10 20:26	AC
Aroclor 1248	ND	mg/kg	0.056	EPA 8082	08/16/10	08/16/10 20:26	AC
Aroclor 1254	ND	mg/kg	0.056	EPA 8082	08/16/10	08/16/10 20:26	AC
Aroclor 1260	ND	mg/kg	0.056	EPA 8082	08/16/10	08/16/10 20:26	AC
Target Compound List - SEMIVOLATILES							
Phenol	ND	ug/kg	110	EPA 8270C	08/18/10	08/18/10 1:15	CBS
Bis (2-chloroethyl) ether	ND	ug/kg	110	EPA 8270C	08/18/10	08/18/10 1:15	CBS
2-Chlorophenol	ND	ug/kg	110	EPA 8270C	08/18/10	08/18/10 1:15	CBS
2-Methylphenol	ND	ug/kg	110	EPA 8270C	08/18/10	08/18/10 1:15	CBS
Bis (2-chloroisopropyl) ether	ND	ug/kg	110	EPA 8270C	08/18/10	08/18/10 1:15	CBS
Acetophenone	ND	ug/kg	110	EPA 8270C	08/18/10	08/18/10 1:15	CBS
4-Methylphenol	ND	ug/kg	110	EPA 8270C	08/18/10	08/18/10 1:15	CBS
N-Nitroso-di-n-propylamine	ND	ug/kg	110	EPA 8270C	08/18/10	08/18/10 1:15	CBS
Hexachloroethane	ND	ug/kg	110	EPA 8270C	08/18/10	08/18/10 1:15	CBS
Nitrobenzene	ND	ug/kg	110	EPA 8270C	08/18/10	08/18/10 1:15	CBS
Isophorone	ND	ug/kg	110	EPA 8270C	08/18/10	08/18/10 1:15	CBS
2-Nitrophenol	ND	ug/kg	110	EPA 8270C	08/18/10	08/18/10 1:15	CBS
2,4-Dimethylphenol	ND	ug/kg	110	EPA 8270C	08/18/10	08/18/10 1:15	CBS
Bis (2-chloroethoxy) methane	ND	ug/kg	110	EPA 8270C	08/18/10	08/18/10 1:15	CBS
2,4-Dichlorophenol	ND	ug/kg	110	EPA 8270C	08/18/10	08/18/10 1:15	CBS
Naphthalene	ND	ug/kg	110	EPA 8270C	08/18/10	08/18/10 1:15	CBS
4-Chloroaniline	ND	ug/kg	110	EPA 8270C	08/18/10	08/18/10 1:15	CBS
Hexachlorobutadiene	ND	ug/kg	110	EPA 8270C	08/18/10	08/18/10 1:15	CBS
Caprolactam	ND	ug/kg	110	EPA 8270C	08/18/10	08/18/10 1:15	CBS
4-Chloro-3-methylphenol	ND	ug/kg	110	EPA 8270C	08/18/10	08/18/10 1:15	CBS
2-Methylnaphthalene	ND	ug/kg	110	EPA 8270C	08/18/10	08/18/10 1:15	CBS
Hexachlorocyclopentadiene	ND	ug/kg	110	EPA 8270C	08/18/10	08/18/10 1:15	CBS
2,4,6-Trichlorophenol	ND	ug/kg	110	EPA 8270C	08/18/10	08/18/10 1:15	CBS
2,4,5-Trichlorophenol	ND	ug/kg	280	EPA 8270C	08/18/10	08/18/10 1:15	CBS
1,1-Biphenyl	ND	ug/kg	110	EPA 8270C	08/18/10	08/18/10 1:15	CBS
2-Chloronaphthalene	ND	ug/kg	110	EPA 8270C	08/18/10	08/18/10 1:15	CBS
2-Nitroaniline	ND	ug/kg	280	EPA 8270C	08/18/10	08/18/10 1:15	CBS



CALIBER ANALYTICAL SERVICES

Certificate of Analysis

Nutshell Enterprises
4059 Norrisville Road
Jarrettsville, MD 21084

Date Sampled: 08/09/10 11:50
Date Received: 08/10/10 9:25
Date Issued: 08/19/10

Project: 2 Executive Way
Site Location: Ranson, WV

SDG Number: 10081002

Field Sample ID: S-7 Matrix: Soil Lab ID: 10081002-15

	Result	Unit	LLQ	Method	Prepared	Analyzed	Init.
Target Compound List - SEMIVOLATILES							
Dimethyl phthalate	ND	ug/kg	110	EPA 8270C	08/18/10	08/18/10 1:15	CBS
2,6-Dinitrotoluene	ND	ug/kg	110	EPA 8270C	08/18/10	08/18/10 1:15	CBS
Acenaphthylene	ND	ug/kg	110	EPA 8270C	08/18/10	08/18/10 1:15	CBS
3-Nitroaniline	ND	ug/kg	280	EPA 8270C	08/18/10	08/18/10 1:15	CBS
Acenaphthene	ND	ug/kg	110	EPA 8270C	08/18/10	08/18/10 1:15	CBS
2,4-Dinitrophenol	ND	ug/kg	280	EPA 8270C	08/18/10	08/18/10 1:15	CBS
4-Nitrophenol	ND	ug/kg	280	EPA 8270C	08/18/10	08/18/10 1:15	CBS
Dibenzofuran	ND	ug/kg	110	EPA 8270C	08/18/10	08/18/10 1:15	CBS
2,4-Dinitrotoluene	ND	ug/kg	110	EPA 8270C	08/18/10	08/18/10 1:15	CBS
Diethyl phthalate	ND	ug/kg	110	EPA 8270C	08/18/10	08/18/10 1:15	CBS
Fluorene	ND	ug/kg	110	EPA 8270C	08/18/10	08/18/10 1:15	CBS
4-Chlorophenyl phenyl ether	ND	ug/kg	110	EPA 8270C	08/18/10	08/18/10 1:15	CBS
4-Nitroaniline	ND	ug/kg	280	EPA 8270C	08/18/10	08/18/10 1:15	CBS
4,6-Dinitro-2-methylphenol	ND	ug/kg	250	EPA 8270C	08/18/10	08/18/10 1:15	CBS
N-Nitrosodiphenylamine	ND	ug/kg	110	EPA 8270C	08/18/10	08/18/10 1:15	CBS
4-Bromophenyl phenyl ether	ND	ug/kg	110	EPA 8270C	08/18/10	08/18/10 1:15	CBS
Hexachlorobenzene	ND	ug/kg	110	EPA 8270C	08/18/10	08/18/10 1:15	CBS
Atrazine	ND	ug/kg	110	EPA 8270C	08/18/10	08/18/10 1:15	CBS
Pentachlorophenol	ND	ug/kg	280	EPA 8270C	08/18/10	08/18/10 1:15	CBS
Phenanthrene	ND	ug/kg	110	EPA 8270C	08/18/10	08/18/10 1:15	CBS
Anthracene	ND	ug/kg	110	EPA 8270C	08/18/10	08/18/10 1:15	CBS
Carbazole	ND	ug/kg	110	EPA 8270C	08/18/10	08/18/10 1:15	CBS
Di-n-butyl phthalate	ND	ug/kg	110	EPA 8270C	08/18/10	08/18/10 1:15	CBS
Fluoranthene	ND	ug/kg	110	EPA 8270C	08/18/10	08/18/10 1:15	CBS
Pyrene	ND	ug/kg	110	EPA 8270C	08/18/10	08/18/10 1:15	CBS
Butyl benzyl phthalate	ND	ug/kg	110	EPA 8270C	08/18/10	08/18/10 1:15	CBS
3,3-Dichlorobenzidine	ND	ug/kg	110	EPA 8270C	08/18/10	08/18/10 1:15	CBS
Benzo[a]anthracene	ND	ug/kg	110	EPA 8270C	08/18/10	08/18/10 1:15	CBS
Chrysene	ND	ug/kg	110	EPA 8270C	08/18/10	08/18/10 1:15	CBS
Bis (2-ethylhexyl) phthalate	9,200	ug/kg	110	EPA 8270C	08/18/10	08/18/10 1:15	CBS
Di-n-octyl phthalate	ND	ug/kg	110	EPA 8270C	08/18/10	08/18/10 1:15	CBS
Benzo[b]fluoranthene	110	ug/kg	110	EPA 8270C	08/18/10	08/18/10 1:15	CBS
Benzo[k]fluoranthene	ND	ug/kg	110	EPA 8270C	08/18/10	08/18/10 1:15	CBS
Benzo[a]pyrene	ND	ug/kg	110	EPA 8270C	08/18/10	08/18/10 1:15	CBS
Indeno[1,2,3-cd]pyrene	ND	ug/kg	110	EPA 8270C	08/18/10	08/18/10 1:15	CBS
Dibenz[a,h]anthracene	ND	ug/kg	110	EPA 8270C	08/18/10	08/18/10 1:15	CBS
Benzo[g,h,i]perylene	ND	ug/kg	110	EPA 8270C	08/18/10	08/18/10 1:15	CBS

Target Compound List - VOLATILES

Dichlorodifluoromethane	ND	ug/kg	5	EPA 8260B	08/17/10	08/17/10 5:03	JKL
Chloromethane	ND	ug/kg	5	EPA 8260B	08/17/10	08/17/10 5:03	JKL



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Certificate of Analysis

Nutshell Enterprises
4059 Norrisville Road
Jarrettsville, MD 21084

Date Sampled: 08/09/10 11:50
Date Received: 08/10/10 9:25
Date Issued: 08/19/10

Project: 2 Executive Way
Site Location: Ranson, WV

SDG Number: 10081002

Field Sample ID: S-7 Matrix: Soil Lab ID: 10081002-15

	Result	Unit	LLQ	Method	Prepared	Analyzed	Init.
Target Compound List - VOLATILES							
Vinyl chloride	ND	ug/kg	5	EPA 8260B	08/17/10	08/17/10 5:03	JKL
Bromomethane	ND	ug/kg	5	EPA 8260B	08/17/10	08/17/10 5:03	JKL
Chloroethane	ND	ug/kg	5	EPA 8260B	08/17/10	08/17/10 5:03	JKL
Trichlorofluoromethane	ND	ug/kg	5	EPA 8260B	08/17/10	08/17/10 5:03	JKL
1,1-Dichloroethene	ND	ug/kg	5	EPA 8260B	08/17/10	08/17/10 5:03	JKL
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	5	EPA 8260B	08/17/10	08/17/10 5:03	JKL
Acetone	ND	ug/kg	51	EPA 8260B	08/17/10	08/17/10 5:03	JKL
Carbon disulfide	ND	ug/kg	10	EPA 8260B	08/17/10	08/17/10 5:03	JKL
Methyl acetate	ND	ug/kg	26	EPA 8260B	08/17/10	08/17/10 5:03	JKL
Methylene chloride	ND	ug/kg	26	EPA 8260B	08/17/10	08/17/10 5:03	JKL
trans-1,2-Dichloroethene	ND	ug/kg	5	EPA 8260B	08/17/10	08/17/10 5:03	JKL
Methyl t-butyl ether (MTBE)	ND	ug/kg	5	EPA 8260B	08/17/10	08/17/10 5:03	JKL
1,1-Dichloroethane	ND	ug/kg	5	EPA 8260B	08/17/10	08/17/10 5:03	JKL
cis-1,2-Dichloroethene	ND	ug/kg	5	EPA 8260B	08/17/10	08/17/10 5:03	JKL
2-Butanone (MEK)	ND	ug/kg	51	EPA 8260B	08/17/10	08/17/10 5:03	JKL
Chloroform	ND	ug/kg	5	EPA 8260B	08/17/10	08/17/10 5:03	JKL
1,1,1-Trichloroethane	ND	ug/kg	5	EPA 8260B	08/17/10	08/17/10 5:03	JKL
Cyclohexane	ND	ug/kg	5	EPA 8260B	08/17/10	08/17/10 5:03	JKL
Carbon tetrachloride	ND	ug/kg	5	EPA 8260B	08/17/10	08/17/10 5:03	JKL
Benzene	ND	ug/kg	5	EPA 8260B	08/17/10	08/17/10 5:03	JKL
1,2-Dichloroethane	ND	ug/kg	5	EPA 8260B	08/17/10	08/17/10 5:03	JKL
Trichloroethene	ND	ug/kg	5	EPA 8260B	08/17/10	08/17/10 5:03	JKL
Methylcyclohexane	ND	ug/kg	5	EPA 8260B	08/17/10	08/17/10 5:03	JKL
1,2-Dichloropropane	ND	ug/kg	5	EPA 8260B	08/17/10	08/17/10 5:03	JKL
Bromodichloromethane	ND	ug/kg	5	EPA 8260B	08/17/10	08/17/10 5:03	JKL
cis-1,3-Dichloropropene	ND	ug/kg	5	EPA 8260B	08/17/10	08/17/10 5:03	JKL
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	10	EPA 8260B	08/17/10	08/17/10 5:03	JKL
Toluene	ND	ug/kg	5	EPA 8260B	08/17/10	08/17/10 5:03	JKL
trans-1,3-Dichloropropene	ND	ug/kg	5	EPA 8260B	08/17/10	08/17/10 5:03	JKL
1,1,2-Trichloroethane	ND	ug/kg	5	EPA 8260B	08/17/10	08/17/10 5:03	JKL
Tetrachloroethene	ND	ug/kg	5	EPA 8260B	08/17/10	08/17/10 5:03	JKL
2-Hexanone (MBK)	ND	ug/kg	10	EPA 8260B	08/17/10	08/17/10 5:03	JKL
Dibromochloromethane	ND	ug/kg	5	EPA 8260B	08/17/10	08/17/10 5:03	JKL
1,2-Dibromoethane	ND	ug/kg	5	EPA 8260B	08/17/10	08/17/10 5:03	JKL
Chlorobenzene	ND	ug/kg	5	EPA 8260B	08/17/10	08/17/10 5:03	JKL
Ethylbenzene	ND	ug/kg	5	EPA 8260B	08/17/10	08/17/10 5:03	JKL
m&p-Xylene	ND	ug/kg	10	EPA 8260B	08/17/10	08/17/10 5:03	JKL
o-Xylene	ND	ug/kg	5	EPA 8260B	08/17/10	08/17/10 5:03	JKL
Styrene	ND	ug/kg	5	EPA 8260B	08/17/10	08/17/10 5:03	JKL
Bromoform	ND	ug/kg	5	EPA 8260B	08/17/10	08/17/10 5:03	JKL



CALIBER ANALYTICAL SERVICES

Certificate of Analysis

Nutshell Enterprises
4059 Norrisville Road
Jarrettsville, MD 21084

Date Sampled: 08/09/10 11:50
Date Received: 08/10/10 9:25
Date Issued: 08/19/10

Project: 2 Executive Way
Site Location: Ranson, WV

SDG Number: 10081002

Field Sample ID:	S-7	Matrix:	Soil	Lab ID:	10081002-15		
	Result	Unit	LLQ	Method	Prepared	Analyzed	Init.
Target Compound List - VOLATILES							
Isopropylbenzene	ND	ug/kg	5	EPA 8260B	08/17/10	08/17/10 5:03	JKL
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	EPA 8260B	08/17/10	08/17/10 5:03	JKL
1,3-Dichlorobenzene	ND	ug/kg	5	EPA 8260B	08/17/10	08/17/10 5:03	JKL
1,4-Dichlorobenzene	ND	ug/kg	5	EPA 8260B	08/17/10	08/17/10 5:03	JKL
1,2-Dichlorobenzene	ND	ug/kg	5	EPA 8260B	08/17/10	08/17/10 5:03	JKL
1,2-Dibromo-3-chloropropane	ND	ug/kg	5	EPA 8260B	08/17/10	08/17/10 5:03	JKL
1,2,4-Trichlorobenzene	ND	ug/kg	5	EPA 8260B	08/17/10	08/17/10 5:03	JKL
Ethyl t-butyl ether (ETBE)	ND	ug/kg	5	EPA 8260B	08/17/10	08/17/10 5:03	JKL
tert-Butanol (TBA)	ND	ug/kg	26	EPA 8260B	08/17/10	08/17/10 5:03	JKL
Diisopropyl ether (DIPE)	ND	ug/kg	5	EPA 8260B	08/17/10	08/17/10 5:03	JKL
tert-Amyl methyl ether (TAME)	ND	ug/kg	5	EPA 8260B	08/17/10	08/17/10 5:03	JKL
tert-Amyl alcohol (TAA)	ND	ug/kg	26	EPA 8260B	08/17/10	08/17/10 5:03	JKL
tert-Amyl ethyl ether (TAEE)	ND	ug/kg	5	EPA 8260B	08/17/10	08/17/10 5:03	JKL
Total Metals							
Antimony	ND	mg/kg	2	EPA 6020A	08/12/10	08/13/10 12:05	MEL
Arsenic	12	mg/kg	0.39	EPA 6020A	08/12/10	08/13/10 12:05	MEL
Beryllium	ND	mg/kg	2	EPA 6020A	08/12/10	08/13/10 12:05	MEL
Cadmium	30	mg/kg	2	EPA 6020A	08/12/10	08/13/10 12:05	MEL
Chromium	30	mg/kg	2	EPA 6020A	08/12/10	08/13/10 12:05	MEL
Copper	200	mg/kg	2	EPA 6020A	08/12/10	08/13/10 12:05	MEL
Lead	160	mg/kg	2	EPA 6020A	08/12/10	08/13/10 12:05	MEL
Mercury	0.16	mg/kg	0.079	EPA 6020A	08/12/10	08/13/10 12:05	MEL
Nickel	15	mg/kg	2	EPA 6020A	08/12/10	08/13/10 12:05	MEL
Selenium	2.2	mg/kg	2	EPA 6020A	08/12/10	08/13/10 12:05	MEL
Silver	ND	mg/kg	2	EPA 6020A	08/12/10	08/13/10 12:05	MEL
Thallium	ND	mg/kg	1.6	EPA 6020A	08/12/10	08/13/10 12:05	MEL
Zinc	160	mg/kg	2	EPA 6020A	08/12/10	08/13/10 12:05	MEL
Total Petroleum Hydrocarbons - (C10-C28) DRO							
Diesel Range Organics	48	mg/kg	12	EPA 8015C	08/12/10	08/13/10 17:24	AC
Total Petroleum Hydrocarbons - (C6-C10) GRO							
Gasoline Range Organics	ND	mg/kg	0.22	EPA 8015C	08/12/10	08/12/10 15:33	AC

Notes/Qualifiers:

LLQ- Lowest Level of Quantitation

ND - Not Detected at a concentration greater than or equal to the LLQ.

Results reported on a dry weight basis.

Approved by:

Matt Cohen

QC Chemist



CALIBER ANALYTICAL SERVICES

Certificate of Analysis

Nutshell Enterprises
4059 Norrisville Road
Jarrettsville, MD 21084

Date Sampled: 08/09/10 14:00
Date Received: 08/10/10 9:25
Date Issued: 08/19/10

Project: 2 Executive Way
Site Location: Ranson, WV

SDG Number: 10081002

Field Sample ID: S-8 Matrix: Soil Lab ID: 10081002-16

	Result	Unit	LLQ	Method	Prepared	Analyzed	Init.
Bulk Asbestos							
Asbestos	Chrysotile	Present		EPA-600/4-82-020	08/18/10	08/18/10	EL
Percent Solids							
Percent Solids	90	%		SM2540G	08/12/10	08/12/10 10:54	LMJ
Polychlorinated Biphenyls							
Aroclor 1016	ND	mg/kg	0.059	EPA 8082	08/16/10	08/16/10 20:55	AC
Aroclor 1221	ND	mg/kg	0.059	EPA 8082	08/16/10	08/16/10 20:55	AC
Aroclor 1232	ND	mg/kg	0.059	EPA 8082	08/16/10	08/16/10 20:55	AC
Aroclor 1242	ND	mg/kg	0.059	EPA 8082	08/16/10	08/16/10 20:55	AC
Aroclor 1248	ND	mg/kg	0.059	EPA 8082	08/16/10	08/16/10 20:55	AC
Aroclor 1254	ND	mg/kg	0.059	EPA 8082	08/16/10	08/16/10 20:55	AC
Aroclor 1260	0.52	mg/kg	0.059	EPA 8082	08/16/10	08/16/10 20:55	AC

Target Compound List - SEMIVOLATILES

Phenol	ND	ug/kg	120	EPA 8270C	08/18/10	08/18/10 1:58	CBS
Bis (2-chloroethyl) ether	ND	ug/kg	120	EPA 8270C	08/18/10	08/18/10 1:58	CBS
2-Chlorophenol	ND	ug/kg	120	EPA 8270C	08/18/10	08/18/10 1:58	CBS
2-Methylphenol	ND	ug/kg	120	EPA 8270C	08/18/10	08/18/10 1:58	CBS
Bis (2-chloroisopropyl) ether	ND	ug/kg	120	EPA 8270C	08/18/10	08/18/10 1:58	CBS
Acetophenone	ND	ug/kg	120	EPA 8270C	08/18/10	08/18/10 1:58	CBS
4-Methylphenol	ND	ug/kg	120	EPA 8270C	08/18/10	08/18/10 1:58	CBS
N-Nitroso-di-n-propylamine	ND	ug/kg	120	EPA 8270C	08/18/10	08/18/10 1:58	CBS
Hexachloroethane	ND	ug/kg	120	EPA 8270C	08/18/10	08/18/10 1:58	CBS
Nitrobenzene	ND	ug/kg	120	EPA 8270C	08/18/10	08/18/10 1:58	CBS
Isophorone	ND	ug/kg	120	EPA 8270C	08/18/10	08/18/10 1:58	CBS
2-Nitrophenol	ND	ug/kg	120	EPA 8270C	08/18/10	08/18/10 1:58	CBS
2,4-Dimethylphenol	ND	ug/kg	120	EPA 8270C	08/18/10	08/18/10 1:58	CBS
Bis (2-chloroethoxy) methane	ND	ug/kg	120	EPA 8270C	08/18/10	08/18/10 1:58	CBS
2,4-Dichlorophenol	ND	ug/kg	120	EPA 8270C	08/18/10	08/18/10 1:58	CBS
Naphthalene	120	ug/kg	120	EPA 8270C	08/18/10	08/18/10 1:58	CBS
4-Chloroaniline	ND	ug/kg	120	EPA 8270C	08/18/10	08/18/10 1:58	CBS
Hexachlorobutadiene	ND	ug/kg	120	EPA 8270C	08/18/10	08/18/10 1:58	CBS
Caprolactam	ND	ug/kg	120	EPA 8270C	08/18/10	08/18/10 1:58	CBS
4-Chloro-3-methylphenol	ND	ug/kg	120	EPA 8270C	08/18/10	08/18/10 1:58	CBS
2-Methylnaphthalene	120	ug/kg	120	EPA 8270C	08/18/10	08/18/10 1:58	CBS
Hexachlorocyclopentadiene	ND	ug/kg	120	EPA 8270C	08/18/10	08/18/10 1:58	CBS
2,4,6-Trichlorophenol	ND	ug/kg	120	EPA 8270C	08/18/10	08/18/10 1:58	CBS
2,4,5-Trichlorophenol	ND	ug/kg	290	EPA 8270C	08/18/10	08/18/10 1:58	CBS
1,1-Biphenyl	ND	ug/kg	120	EPA 8270C	08/18/10	08/18/10 1:58	CBS
2-Chloronaphthalene	ND	ug/kg	120	EPA 8270C	08/18/10	08/18/10 1:58	CBS
2-Nitroaniline	ND	ug/kg	290	EPA 8270C	08/18/10	08/18/10 1:58	CBS



CALIBER ANALYTICAL SERVICES

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Date Sampled: 08/09/10 14:00
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Date Issued: 08/19/10

Project: 2 Executive Way
Site Location: Ranson, WV

SDG Number: 10081002

Field Sample ID: S-8 Matrix: Soil Lab ID: 10081002-16

	Result	Unit	LLQ	Method	Prepared	Analyzed	Init.
Target Compound List - SEMIVOLATILES							
Dimethyl phthalate	ND	ug/kg	120	EPA 8270C	08/18/10	08/18/10 1:58	CBS
2,6-Dinitrotoluene	ND	ug/kg	120	EPA 8270C	08/18/10	08/18/10 1:58	CBS
Acenaphthylene	ND	ug/kg	120	EPA 8270C	08/18/10	08/18/10 1:58	CBS
3-Nitroaniline	ND	ug/kg	290	EPA 8270C	08/18/10	08/18/10 1:58	CBS
Acenaphthene	ND	ug/kg	120	EPA 8270C	08/18/10	08/18/10 1:58	CBS
2,4-Dinitrophenol	ND	ug/kg	290	EPA 8270C	08/18/10	08/18/10 1:58	CBS
4-Nitrophenol	ND	ug/kg	290	EPA 8270C	08/18/10	08/18/10 1:58	CBS
Dibenzofuran	ND	ug/kg	120	EPA 8270C	08/18/10	08/18/10 1:58	CBS
2,4-Dinitrotoluene	ND	ug/kg	120	EPA 8270C	08/18/10	08/18/10 1:58	CBS
Diethyl phthalate	ND	ug/kg	120	EPA 8270C	08/18/10	08/18/10 1:58	CBS
Fluorene	ND	ug/kg	120	EPA 8270C	08/18/10	08/18/10 1:58	CBS
4-Chlorophenyl phenyl ether	ND	ug/kg	120	EPA 8270C	08/18/10	08/18/10 1:58	CBS
4-Nitroaniline	ND	ug/kg	290	EPA 8270C	08/18/10	08/18/10 1:58	CBS
4,6-Dinitro-2-methylphenol	ND	ug/kg	270	EPA 8270C	08/18/10	08/18/10 1:58	CBS
N-Nitrosodiphenylamine	ND	ug/kg	120	EPA 8270C	08/18/10	08/18/10 1:58	CBS
4-Bromophenyl phenyl ether	ND	ug/kg	120	EPA 8270C	08/18/10	08/18/10 1:58	CBS
Hexachlorobenzene	ND	ug/kg	120	EPA 8270C	08/18/10	08/18/10 1:58	CBS
Atrazine	ND	ug/kg	120	EPA 8270C	08/18/10	08/18/10 1:58	CBS
Pentachlorophenol	ND	ug/kg	290	EPA 8270C	08/18/10	08/18/10 1:58	CBS
Phenanthrene	590	ug/kg	120	EPA 8270C	08/18/10	08/18/10 1:58	CBS
Anthracene	580	ug/kg	120	EPA 8270C	08/18/10	08/18/10 1:58	CBS
Carbazole	ND	ug/kg	120	EPA 8270C	08/18/10	08/18/10 1:58	CBS
Di-n-butyl phthalate	220	ug/kg	120	EPA 8270C	08/18/10	08/18/10 1:58	CBS
Fluoranthene	1,000	ug/kg	120	EPA 8270C	08/18/10	08/18/10 1:58	CBS
Pyrene	1,000	ug/kg	120	EPA 8270C	08/18/10	08/18/10 1:58	CBS
Butyl benzyl phthalate	120	ug/kg	120	EPA 8270C	08/18/10	08/18/10 1:58	CBS
3,3-Dichlorobenzidine	ND	ug/kg	120	EPA 8270C	08/18/10	08/18/10 1:58	CBS
Benzo[a]anthracene	620	ug/kg	120	EPA 8270C	08/18/10	08/18/10 1:58	CBS
Chrysene	690	ug/kg	120	EPA 8270C	08/18/10	08/18/10 1:58	CBS
Bis (2-ethylhexyl) phthalate	260	ug/kg	120	EPA 8270C	08/18/10	08/18/10 1:58	CBS
Di-n-octyl phthalate	ND	ug/kg	120	EPA 8270C	08/18/10	08/18/10 1:58	CBS
Benzo[b]fluoranthene	1,900	ug/kg	120	EPA 8270C	08/18/10	08/18/10 1:58	CBS
Benzo[k]fluoranthene	760	ug/kg	120	EPA 8270C	08/18/10	08/18/10 1:58	CBS
Benzo[a]pyrene	920	ug/kg	120	EPA 8270C	08/18/10	08/18/10 1:58	CBS
Indeno[1,2,3-cd]pyrene	360	ug/kg	120	EPA 8270C	08/18/10	08/18/10 1:58	CBS
Dibenz[a,h]anthracene	140	ug/kg	120	EPA 8270C	08/18/10	08/18/10 1:58	CBS
Benzo[g,h,i]perylene	400	ug/kg	120	EPA 8270C	08/18/10	08/18/10 1:58	CBS

Target Compound List - VOLATILES

Dichlorodifluoromethane	ND	ug/kg	5	EPA 8260B	08/17/10	08/17/10 5:34	JKL
Chloromethane	ND	ug/kg	5	EPA 8260B	08/17/10	08/17/10 5:34	JKL



CALIBER ANALYTICAL SERVICES

Certificate of Analysis

Nutshell Enterprises
4059 Norrisville Road
Jarrettsville, MD 21084

Date Sampled: 08/09/10 14:00
Date Received: 08/10/10 9:25
Date Issued: 08/19/10

Project: 2 Executive Way
Site Location: Ranson, WV

SDG Number: 10081002

Field Sample ID: S-8 Matrix: Soil Lab ID: 10081002-16

	Result	Unit	LLQ	Method	Prepared	Analyzed	Init.
Target Compound List - VOLATILES							
Vinyl chloride	ND	ug/kg	5	EPA 8260B	08/17/10	08/17/10 5:34	JKL
Bromomethane	ND	ug/kg	5	EPA 8260B	08/17/10	08/17/10 5:34	JKL
Chloroethane	ND	ug/kg	5	EPA 8260B	08/17/10	08/17/10 5:34	JKL
Trichlorofluoromethane	ND	ug/kg	5	EPA 8260B	08/17/10	08/17/10 5:34	JKL
1,1-Dichloroethene	ND	ug/kg	5	EPA 8260B	08/17/10	08/17/10 5:34	JKL
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	5	EPA 8260B	08/17/10	08/17/10 5:34	JKL
Acetone	ND	ug/kg	54	EPA 8260B	08/17/10	08/17/10 5:34	JKL
Carbon disulfide	ND	ug/kg	11	EPA 8260B	08/17/10	08/17/10 5:34	JKL
Methyl acetate	ND	ug/kg	27	EPA 8260B	08/17/10	08/17/10 5:34	JKL
Methylene chloride	ND	ug/kg	38	EPA 8260B	08/17/10	08/17/10 5:34	JKL
trans-1,2-Dichloroethene	ND	ug/kg	5	EPA 8260B	08/17/10	08/17/10 5:34	JKL
Methyl t-butyl ether (MTBE)	ND	ug/kg	5	EPA 8260B	08/17/10	08/17/10 5:34	JKL
1,1-Dichloroethane	ND	ug/kg	5	EPA 8260B	08/17/10	08/17/10 5:34	JKL
cis-1,2-Dichloroethene	ND	ug/kg	5	EPA 8260B	08/17/10	08/17/10 5:34	JKL
2-Butanone (MEK)	ND	ug/kg	54	EPA 8260B	08/17/10	08/17/10 5:34	JKL
Chloroform	ND	ug/kg	5	EPA 8260B	08/17/10	08/17/10 5:34	JKL
1,1,1-Trichloroethane	ND	ug/kg	5	EPA 8260B	08/17/10	08/17/10 5:34	JKL
Cyclohexane	ND	ug/kg	5	EPA 8260B	08/17/10	08/17/10 5:34	JKL
Carbon tetrachloride	ND	ug/kg	5	EPA 8260B	08/17/10	08/17/10 5:34	JKL
Benzene	ND	ug/kg	5	EPA 8260B	08/17/10	08/17/10 5:34	JKL
1,2-Dichloroethane	ND	ug/kg	5	EPA 8260B	08/17/10	08/17/10 5:34	JKL
Trichloroethene	ND	ug/kg	5	EPA 8260B	08/17/10	08/17/10 5:34	JKL
Methylcyclohexane	ND	ug/kg	5	EPA 8260B	08/17/10	08/17/10 5:34	JKL
1,2-Dichloropropane	ND	ug/kg	5	EPA 8260B	08/17/10	08/17/10 5:34	JKL
Bromodichloromethane	ND	ug/kg	5	EPA 8260B	08/17/10	08/17/10 5:34	JKL
cis-1,3-Dichloropropene	ND	ug/kg	5	EPA 8260B	08/17/10	08/17/10 5:34	JKL
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	11	EPA 8260B	08/17/10	08/17/10 5:34	JKL
Toluene	ND	ug/kg	5	EPA 8260B	08/17/10	08/17/10 5:34	JKL
trans-1,3-Dichloropropene	ND	ug/kg	5	EPA 8260B	08/17/10	08/17/10 5:34	JKL
1,1,2-Trichloroethane	ND	ug/kg	5	EPA 8260B	08/17/10	08/17/10 5:34	JKL
Tetrachloroethene	ND	ug/kg	5	EPA 8260B	08/17/10	08/17/10 5:34	JKL
2-Hexanone (MBK)	ND	ug/kg	11	EPA 8260B	08/17/10	08/17/10 5:34	JKL
Dibromochloromethane	ND	ug/kg	5	EPA 8260B	08/17/10	08/17/10 5:34	JKL
1,2-Dibromoethane	ND	ug/kg	5	EPA 8260B	08/17/10	08/17/10 5:34	JKL
Chlorobenzene	ND	ug/kg	5	EPA 8260B	08/17/10	08/17/10 5:34	JKL
Ethylbenzene	ND	ug/kg	5	EPA 8260B	08/17/10	08/17/10 5:34	JKL
m&p-Xylene	ND	ug/kg	11	EPA 8260B	08/17/10	08/17/10 5:34	JKL
o-Xylene	ND	ug/kg	5	EPA 8260B	08/17/10	08/17/10 5:34	JKL
Styrene	ND	ug/kg	5	EPA 8260B	08/17/10	08/17/10 5:34	JKL
Bromoform	ND	ug/kg	5	EPA 8260B	08/17/10	08/17/10 5:34	JKL



CALIBER ANALYTICAL SERVICES

Certificate of Analysis

Nutshell Enterprises
4059 Norrisville Road
Jarrettsville, MD 21084

Date Sampled: 08/09/10 14:00
Date Received: 08/10/10 9:25
Date Issued: 08/19/10

Project: 2 Executive Way
Site Location: Ranson, WV

SDG Number: 10081002

Field Sample ID: S-8 Matrix: Soil Lab ID: 10081002-16

	Result	Unit	LLQ	Method	Prepared	Analyzed	Init.
Target Compound List - VOLATILES							
Isopropylbenzene	ND	ug/kg	5	EPA 8260B	08/17/10	08/17/10 5:34	JKL
1,1,2,2-Tetrachloroethane	ND	ug/kg	5	EPA 8260B	08/17/10	08/17/10 5:34	JKL
1,3-Dichlorobenzene	ND	ug/kg	5	EPA 8260B	08/17/10	08/17/10 5:34	JKL
1,4-Dichlorobenzene	ND	ug/kg	5	EPA 8260B	08/17/10	08/17/10 5:34	JKL
1,2-Dichlorobenzene	ND	ug/kg	5	EPA 8260B	08/17/10	08/17/10 5:34	JKL
1,2-Dibromo-3-chloropropane	ND	ug/kg	5	EPA 8260B	08/17/10	08/17/10 5:34	JKL
1,2,4-Trichlorobenzene	ND	ug/kg	5	EPA 8260B	08/17/10	08/17/10 5:34	JKL
Ethyl t-butyl ether (ETBE)	ND	ug/kg	5	EPA 8260B	08/17/10	08/17/10 5:34	JKL
tert-Butanol (TBA)	ND	ug/kg	27	EPA 8260B	08/17/10	08/17/10 5:34	JKL
Diisopropyl ether (DIPE)	ND	ug/kg	5	EPA 8260B	08/17/10	08/17/10 5:34	JKL
tert-Amyl methyl ether (TAME)	ND	ug/kg	5	EPA 8260B	08/17/10	08/17/10 5:34	JKL
tert-Amyl alcohol (TAA)	ND	ug/kg	27	EPA 8260B	08/17/10	08/17/10 5:34	JKL
tert-Amyl ethyl ether (TAE)	ND	ug/kg	5	EPA 8260B	08/17/10	08/17/10 5:34	JKL
Total Metals							
Antimony	ND	mg/kg	2.4	EPA 6020A	08/12/10	08/13/10 12:11	MEL
Arsenic	5.3	mg/kg	0.48	EPA 6020A	08/12/10	08/13/10 12:11	MEL
Beryllium	ND	mg/kg	2.4	EPA 6020A	08/12/10	08/13/10 12:11	MEL
Cadmium	20	mg/kg	2.4	EPA 6020A	08/12/10	08/13/10 12:11	MEL
Chromium	39	mg/kg	2.4	EPA 6020A	08/12/10	08/13/10 12:11	MEL
Copper	1,300	mg/kg	24	EPA 6020A	08/12/10	08/13/10 13:34	MEL
Lead	1,400	mg/kg	24	EPA 6020A	08/12/10	08/13/10 13:34	MEL
Mercury	2.3	mg/kg	0.096	EPA 6020A	08/12/10	08/13/10 12:11	MEL
Nickel	34	mg/kg	2.4	EPA 6020A	08/12/10	08/13/10 12:11	MEL
Selenium	ND	mg/kg	2.4	EPA 6020A	08/12/10	08/13/10 12:11	MEL
Silver	ND	mg/kg	2.4	EPA 6020A	08/12/10	08/13/10 12:11	MEL
Thallium	ND	mg/kg	1.9	EPA 6020A	08/12/10	08/13/10 12:11	MEL
Zinc	1,800	mg/kg	24	EPA 6020A	08/12/10	08/13/10 13:34	MEL
Total Petroleum Hydrocarbons - (C10-C28) DRO							
Diesel Range Organics	280	mg/kg	11	EPA 8015C	08/12/10	08/13/10 17:24	AC
Total Petroleum Hydrocarbons - (C6-C10) GRO							
Gasoline Range Organics	ND	mg/kg	0.26	EPA 8015C	08/12/10	08/12/10 15:59	AC

Notes/Qualifiers:

LLQ- Lowest Level of Quantitation

ND - Not Detected at a concentration greater than or equal to the LLQ.

Results reported on a dry weight basis.

Approved by:

Matt Cohen

QC Chemist



CALIBER ANALYTICAL SERVICES

8851 Orchard Tree Lane Towson, MD 21286
 Phone: 410.825.1151
 Fax: 410.825.2128
 www.caslabs.net

Chain of Custody Record

Customer:	Nutshell
Contact/Report to:	Art Shellhouse
Phone:	410 557 7583
Fax:	410 557 8804

E-mail address:	
Project Name:	2 Executive Way
Project Number:	
Location:	Benson WV

SDG Number:	10081002
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Sampled by:	Steve Saul
PO Number:	

Analysis Requested				Preservative		No. of Bottles	Time Sampled	Date Sampled	Field Sample ID	Lab Number	Sampling Remarks/Comments
				MDRI Preservative	Matrix						
						1	4:00	8-9-10	S-1		
						1	4:20	8-9-10	S-2		
						1	3:00	8-9-10	S-3		
						1	3:00	8-9-10	S-4		
						1	2:40	8-9-10	S-5		
						1	2:20	8-9-10	S-6		
						1	11:50	8-9-10	S-7		
						1	2:00	8-9-10	S-8		

Relinquished by:	Date/Time:	Deliverables:	Receipt Temperature:	Turnaround Time:
Received by:	Date/Time:	I II III CLP EDD	Temp: On/Off	STD Next Day 2-Day Other
Relinquished by:	Date/Time:	Custody Seals:	Comments/Special Instructions:	
Received by:	Date/Time:	Sample Cooler		
Relinquished by:	Date/Time:	Delivered by client		
Received by:	Date/Time:			



CALIBER ANALYTICAL SERVICES

8851 Orchard Tree Lane Towson, MD 21286
 Phone: 410.825.1151
 Fax: 410.825.2126
 www.caslabs.net

Chain of Custody Record

Customer:	Mutshell
Contact/Report to:	Art Skellhouse
Phone:	410 557 7583
Fax:	410 557 8804

E-mail address:	
Project Name:	2 Executive Hwy
Project Number:	
Location:	Rensselaer, WV

SDG Number:	10081002
-------------	----------

Sampled by:	Steve Saul
PO Number:	

Analysis Requested

Lab Number	Field Sample ID	Date Sampled	Time Sampled	No. of Bottles	Matrix	Preservative	PAH (sem. vol)	VOCs	DRO	ROO (mro)	Sampling Remarks/Comments
B-1 S		8-9-10	4:45	1	Soil	✓	✓	✓	✓	✓	
B-2 S		8-9-10	5:45	1	Soil	✓	✓	✓	✓	✓	
B-2 D		8-9-10	3:45	1	Soil	✓	✓	✓	✓	✓	
B-3 S		8-9-10	12:30	1	Soil	✓	✓	✓	✓	✓	
B-3 D		8-9-10	12:30	1	Soil	✓	✓	✓	✓	✓	
B-4 S		8-9-10	1:30	1	Soil	✓	✓	✓	✓	✓	
B-5 S		8-9-10	1:10	1	Soil	✓	✓	✓	✓	✓	
B-5 D		8-9-10	1:10	1	Soil	✓	✓	✓	✓	✓	

Relinquished by:	8-9-10 0935	Date/Time:	10/10/10 0935	Deliverables:	Receipt Temperature:	Turnaround Time:
Received by:		Date/Time:		I II III CLP EDD	Temp	On Ice
Relinquished by:		Date/Time:		Custody Seals:	Comments/Special Instructions:	STD Next Day 2-Day Other
Received by:		Date/Time:		Sample Cooler		
Relinquished by:		Date/Time:		Delivered by client		
Received by:		Date/Time:				