

July 30, 2008

Mr. Les Sims
On-Scene Coordinator
U.S. Environmental Protection Agency Region 4
Sam Nunn Atlanta Federal Center
61 Forsyth Street
Atlanta, Georgia 30303

Subject: Incident Response Letter Report
Warrior Asphalt ER
Tuscaloosa, Tuscaloosa County, Alabama
SSID: Z4PB
TDD No.: TNA-05-002-0012
Contract No.: EP-W-05-053

Dear Mr. Sims:

The TN & Associates, Inc. (TN&A), Superfund Technical Assessment and Response Team (START) has prepared this Incident Response Letter Report detailing Emergency Response (ER) activities conducted in support of the U.S. Environmental Protection Agency (EPA). The scope of this response was to conduct waste sampling, provide written and photographic documentation, and support the EPA On-Scene Coordinator (OSC) for a liquid resin release at an abandoned asphalt shingle and coatings manufacturing facility (the site) located at 3100 Warrior Road in Tuscaloosa, Alabama. Additionally, START was tasked to prepare an Incident Response Letter Report.

This Incident Response Letter Report summarizes the incident, the response, and provides a summary of the sampling and site reconnaissance activities. Location and site maps are provided in Attachment A. Summary analytical data tables are provided as Attachment B, a photographic log of site activities is provided as Attachment C, the logbook notes for the incident are provided as Attachment D and the complete laboratory data package is provided as Attachment E.

Physical Location

Figure 1 located in Attachment A illustrates the location of the site and the surrounding areas. The former asphalt manufacturing facility (the site) is located approximately 5 miles northeast of downtown Tuscaloosa, Alabama at 3100 Warrior Road, Tuscaloosa, Tuscaloosa County, Alabama. The site is located slightly east of Warrior Road on the south side of Black Warrior River and is comprised of two dilapidated buildings, a main process and storage building, a smaller process building, and several above-ground storage tanks (AST). Figure 2 in Attachment A illustrates the site, building locations, pertinent site features, and the surrounding area.

Site Background

The site is currently owned by a private individual; however county tax records indicate that from the 1920s to 1944 the property was owned by Central Iron and Coal. The property was subsequently owned and operated by Tennessee Iron and Coal from 1944 to 1960. From the early 1960s until 1973, the property was owned by National Southern Production Company then by Freese Chemical Company for a short time in 1973. From 1974 to 1975 the property was owned by Yoshitomi Pharmaceutical Company and from 1976 to 1978 by Falleck Chemical Corporation. Current tax maps indicate that the property was owned by Warrior Asphalt as recently as 2007.

On Monday July 14, 2008, at approximately 1630 hours, EPA requested that START provide personnel to a hazardous materials spill at an abandoned facility located in Tuscaloosa, Alabama. START Emergency Response Coordinators collected site details and coordinated mobilization activities with the EPA Phone-Duty Officer. START personnel in Atlanta, Georgia provided support to the site. Prior to mobilization, START generated a Health and Safety Plan (HASP) and deployed to the area at 1830 hours on July 14, 2008, as requested by the responding OSC.

On Tuesday July 15, 2008, at 0800, EPA and START conducted a tailgate safety meeting on site. START, EPA, and the Alabama Department of Environmental Management (ADEM) performed a reconnaissance of the site. During this reconnaissance, site buildings were investigated and several pertinent site features were identified. Within the main building, fifty two, 55-gallon drums were observed in poor condition and three had exposed and/or leaking material. Five AST were observed north of the main building. Adjacent to the AST were partially disassembled piping and pump equipment. To the south of the main building seven AST were noted, each

measuring approximately 25 feet (ft) long and 12 ft high. Northeast of the main building, approximately twelve, 55-gallon drums in poor condition were observed; however, no leaks were noted.

Two large holding ponds were observed to the east of the main process buildings. Holding pond 1 measured approximately 200 ft long by 100 ft wide and was approximately 10 ft deep. Holding pond 2 was approximately 130 ft long and 65 ft wide and was approximately 15 ft deep. The depth of each pond was estimated by inspecting the earthen berm height relative to the surrounding topography. Four major seeps were observed flowing from the holding ponds, downgradient to the north. Approximately 10,000 gallons of a tar-like substance were released from the ponds and collected in a ditch adjacent to the railroad tracks. A stone culvert, located beneath the railroad tracks allowed the material to migrate north towards the Black Warrior River. The spill trail ended approximately 200 yards from the Black Warrior River. However, no visible impact of released materials was observed in the River. The site features discussed in this section are illustrated on Figure 2 located in Attachment A.

Assessment Activities

START collected samples from the three drums in the main building which were leaking material onto the building floor. Drum 1 contained a solid white crystalline material that was leaking from a hole in the side of the drum. The drum had the label “Caustic Soda, Dry” as well as a corrosive Department of Transportation (DOT) placard. Drum 2 was not labeled, missing the top, and contained a dark brown viscous liquid. Drum 3 was intact and contained an opaque waxy solid which had leaked out on top of the lid. Samples from each of the three drums were placed in 8 ounce jars and submitted to a non-Contract Laboratory Program (non-CLP) laboratory for semi-volatile organic compounds (SVOC), volatile organic compounds (VOC), pesticides, polychlorinated biphenyls (PCB), total metals, chlorinated herbicides, pH, and ignitability analysis. In addition, START screened the breathing zones and the areas directly adjacent to released materials for volatile organic vapors with a Toxic Vapor Analyzer (TVA)-1000. No increase in volatile organic vapor concentrations was detected.

START also collected samples of the tar-like material from three of the active seeps. Tar sample 1 was collected from the eastern-most seep and comprised of material from Tar Pit 2. Tar sample 2 was collected from a seep located between Holding Pond 1 and Holding Pond 2 and appeared to

contain material from both ponds. Tar sample 3 was collected from the western most seep and comprised of material from Holding Pond 1. Samples from each of the three seeps were placed in 8 ounce jars and submitted to a non-CLP laboratory for VOC, SVOC, PCB, pesticides, herbicides, total metals, pH , and ignitability analysis. The photographic log of site activities is presented as Attachment C and a complete copy of the logbook notes is included as Attachment D.

Analytical Results

Analytical results from the three drum samples indicated that the material was non hazardous and contained no herbicides, pesticides or PAHs. Tar sample 1 contained 3,700 parts per million (ppm) benzene, 7,700 ppm cyclohexane, 140 ppm methyl cyclohexane, and 27 ppm toluene. The pH of the sample was 1.77. Tar sample 2 contained 1,200 ppm cyclohexane and the pH of the sample was 1.95. Tar sample 3 contained 1,100 ppm of cyclohexane and the pH of the sample was 2.01. Based on the pH of these samples and the presence of benzene in tar sample 1, the tar-like substance on site can be classified as a hazardous material. Due to the large amount of hydrocarbons in the sample matrix low detection limits were not possible for semi-volatile organics this resulted in elevated detection limits for these compounds. A summary of the analytical results is depicted in Attachment B and the complete analytical data package is presented as Attachment E.

Conclusion

On July 15, 2008, the responding EPA OSC, START, and ADEM mobilized to the site to provide support for an emergency response at a former asphalt manufacturing facility. Specific tasks included performing a site walkthrough, waste sampling, and photographic and written documentation. Waste samples were collected from materials released from three drums on site and the seeps present on the property. Samples were sent to a non-CLP laboratory for analysis. START personnel demobilized from the site on July 15, 2008.

Based on the visual observations made during the emergency response, as well as review of the analytical data, EPA and ADEM will determine if further action will be necessary at the site. At this time the principle responsible party is utilizing third part contractors to initiate cleanup activities.

If you have any questions or comments regarding this Incident Response Letter Report or require any additional information, please feel free to contact myself or Greg Kowalski, START Program Manager, at 678-355-5550 ext. 5704.

Sincerely,

A handwritten signature in black ink, appearing to read "John Darius Soltes".

John Darius Soltes, CHMM
T N and Associates Inc
1220 Kennestone Circle Suite D
Marietta, GA 30066

CC: Katrina Jones, EPA Project Officer
Darryl Walker, EPA Project Officer
Greg Kowalski, START Program Manager (w/o enclosures)
START File

ATTACHMENT A

Figures

(2 pages)

ATTACHMENT B
Analytical Data Tables
(8 pages)

TABLE 1
WARRIOR ASPHALT EMERGENCY RESPONSE
WASTE SAMPLE RESULTS

	DRUM 1	DRUM 2	DRUM 3	TAR 1
Wet Chemistry				
Ignitability (°F)	180 >	180 >	180 >	180 >
pH	9.42	4.21	5.8	1.77
Metals, Total (mg/kg)				
Arsenic	4.67 U	4.49 U	3.56 U	3.24 U
Barium	4.67 U	4.49 U	3.56 U	3.24 U
Cadmium	2.33 U	2.25 U	1.78 U	1.62 U
Chromium	2.33 U	2.25 U	1.78 U	1.62 U
Lead	4.67 U	4.49 U	4.5	3.24 U
Selenium	4.67 U	4.49 U	3.56 U	3.24 U
Silver	2.33 U	2.25 U	1.78 U	1.62 U
Mercury	0.01 U	0.01 U	0.01 U	0.01 U
Pesticides (mg/kg)				
4,4'-DDD	0.1 U	0.09 U	0.1 U	0.1 U
4,4'-DDE	0.1 U	0.09 U	0.1 U	0.1 U
4,4'-DDT	0.1 U	0.09 U	0.1 U	0.1 U
Aldrin	0.05 U	0.05 U	0.05 U	0.05 U
alpha-BHC	0.05 U	0.05 U	0.05 U	0.05 U
alpha-Chlordane	0.05 U	0.05 U	0.05 U	0.05 U
beta-BHC	0.05 U	0.05 U	0.05 U	0.05 U
Chlordane	4.95 U	4.67 U	4.76 U	4.76 U
delta-BHC	0.05 U	0.05 U	0.05 U	0.05 U
Dieldrin	0.1 U	0.09 U	0.1 U	0.1 U
Endosulfan I	0.05 U	0.05 U	0.05 U	0.05 U
Endosulfan II	0.1 U	0.09 U	0.1 U	0.1 U
Endosulfan sulfate	0.1 U	0.09 U	0.1 U	0.1 U
Endrin	0.1 U	0.09 U	0.1 U	0.1 U
Endrin aldehyde	0.1 U	0.09 U	0.1 U	0.1 U
Endrin ketone	0.1 U	0.09 U	0.1 U	0.1 U
gamma-BHC	0.05 U	0.05 U	0.05 U	0.05 U
gamma-Chlordane	0.05 U	0.05 U	0.05 U	0.05 U
Heptachlor	0.05 U	0.05 U	0.05 U	0.05 U
Heptachlor epoxide	0.05 U	0.05 U	0.05 U	0.05 U
Methoxychlor	0.5 U	0.47 U	0.48 U	0.48 U
Toxaphene	4.95 U	4.67 U	4.76 U	4.76 U
PCB (mg/kg)				
Aroclor 1016	0.99 U	0.94 U	0.95 U	0.95 U
Aroclor 1221	0.99 U	0.94 U	0.95 U	0.95 U
Aroclor 1232	0.99 U	0.94 U	0.95 U	0.95 U
Aroclor 1242	0.99 U	0.94 U	0.95 U	0.95 U
Aroclor 1248	0.99 U	0.94 U	0.95 U	0.95 U
Aroclor 1254	0.99 U	0.94 U	0.95 U	0.95 U
Aroclor 1260	0.99 U	0.94 U	0.95 U	0.95 U

TABLE 1
WARRIOR ASPHALT EMERGENCY RESPONSE
WASTE SAMPLE RESULTS

	DRUM 1	DRUM 2	DRUM 3	TAR 1
Herbicides (ug/kg)				
2,4,5-T	9900 U	9260 U	9430 U	9260 U
2,4,5-TP (Silvex)	9900 U	9260 U	9430 U	9260 U
2,4-D	9900 U	9260 U	9430 U	9260 U
2,4-DB	24800 U	23100 U	23600 U	23100 U
Dalapon	24800 U	23100 U	23600 U	23100 U
Dicamba	9900 U	9260 U	9430 U	9260 U
Dichlorprop	9900 U	9260 U	9430 U	9260 U
Dinoseb	24800 U	23100 U	23600 U	23100 U
MCPA	2480000 U	2310000 U	2360000 U	2310000 U
MCPP	2480000 U	2310000 U	2360000 U	2310000 U
VOC (ug/kg)				
1,1,1-Trichloroethane	2400 U	2300 U	2500 U	24000 U
1,1,2,2-Tetrachloroethane	2400 U	2300 U	2500 U	24000 U
1,1,2-Trichloroethane	2400 U	2300 U	2500 U	24000 U
1,1-Dichloroethane	2400 U	2300 U	2500 U	24000 U
1,1-Dichloroethene	2400 U	2300 U	2500 U	24000 U
1,2,4-Trichlorobenzene	2400 U	2300 U	2500 U	24000 U
1,2-Dibromo-3-chloropropane	2400 U	2300 U	2500 U	24000 U
1,2-Dibromoethane	2400 U	2300 U	2500 U	24000 U
1,2-Dichlorobenzene	2400 U	2300 U	2500 U	24000 U
1,2-Dichloroethane	2400 U	2300 U	2500 U	24000 U
1,2-Dichloroethene, Total	4700 U	4700 U	5000 U	49000 U
1,2-Dichloropropane	2400 U	2300 U	2500 U	24000 U
1,3-Dichlorobenzene	2400 U	2300 U	2500 U	24000 U
1,4-Dichlorobenzene	2400 U	2300 U	2500 U	24000 U
2-Butanone	24000 U	23000 U	25000 U	240000 U
2-Hexanone	4700 U	4700 U	5000 U	49000 U
4-Methyl-2-pentanone	4700 U	4700 U	5000 U	49000 U
Acetone	24000 U	23000 U	25000 U	240000 U
Benzene	2400 U	2300 U	2500 U	3700000
Bromodichloromethane	2400 U	2300 U	2500 U	24000 U
Bromoform	2400 U	2300 U	2500 U	24000 U
Bromomethane	2400 U	2300 U	2500 U	24000 U
Carbon disulfide	4700 U	4700 U	5000 U	49000 U
Carbon tetrachloride	2400 U	2300 U	2500 U	24000 U
Chlorobenzene	2400 U	2300 U	2500 U	24000 U
Chloroethane	4700 U	4700 U	5000 U	49000 U
Chloroform	2400 U	2300 U	2500 U	24000 U
Chloromethane	4700 U	4700 U	5000 U	49000 U
cis-1,2-Dichloroethene	2400 U	2300 U	2500 U	24000 U
cis-1,3-Dichloropropene	2400 U	2300 U	2500 U	24000 U
Cyclohexane	2400 U	2300 U	2500 U	7700000
Dibromochloromethane	2400 U	2300 U	2500 U	24000 U
Dichlorodifluoromethane	4700 U	4700 U	5000 U	49000 U
Ethylbenzene	2400 U	2300 U	2500 U	24000 U
Freon-113	4700 U	4700 U	5000 U	49000 U
Isopropylbenzene	2400 U	2300 U	2500 U	24000 U
m,p-Xylene	4700 U	4700 U	5000 U	49000 U

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WARRIOR ASPHALT EMERGENCY RESPONSE
WASTE SAMPLE RESULTS

	DRUM 1	DRUM 2	DRUM 3	TAR 1
Methyl acetate	2400 U	2300 U	2500 U	24000 U
Methyl tert-butyl ether	2400 U	2300 U	2500 U	24000 U
Methylcyclohexane	2400 U	2300 U	2500 U	140000
Methylene chloride	2400 U	2300 U	2500 U	24000 U
o-Xylene	2400 U	2300 U	2500 U	24000 U
Styrene	2400 U	2300 U	2500 U	24000 U
Tetrachloroethene	2400 U	2300 U	2500 U	24000 U
Toluene	2400 U	2300 U	2500 U	27000
trans-1,2-Dichloroethene	2400 U	2300 U	2500 U	24000 U
trans-1,3-Dichloropropene	2400 U	2300 U	2500 U	24000 U
Trichloroethene	2400 U	2300 U	2500 U	24000 U
Trichlorofluoromethane	2400 U	2300 U	2500 U	24000 U
Vinyl chloride	4700 U	4700 U	5000 U	49000 U
Xylenes, Total	2400 U	2300 U	2500 U	24000 U
SVOC (ug/kg)				
1,1'-Biphenyl	96.2 U	472 U	96.2 U	481 U
2,4,5-Trichlorophenol	481 U	2360 U	481 U	2400 U
2,4,6-Trichlorophenol	96.2 U	472 U	96.2 U	481 U
2,4-Dichlorophenol	96.2 U	472 U	96.2 U	481 U
2,4-Dimethylphenol	96.2 U	472 U	96.2 U	481 U
2,4-Dinitrophenol	481 U	2360 U	481 U	2400 U
2,4-Dinitrotoluene	96.2 U	472 U	96.2 U	481 U
2,6-Dinitrotoluene	96.2 U	472 U	96.2 U	481 U
2-Chloronaphthalene	96.2 U	472 U	96.2 U	481 U
2-Chlorophenol	96.2 U	472 U	96.2 U	481 U
2-Methylnaphthalene	96.2 U	472 U	96.2 U	481 U
2-Methylphenol	96.2 U	472 U	96.2 U	481 U
2-Nitroaniline	481 U	2360 U	481 U	2400 U
2-Nitrophenol	96.2 U	472 U	96.2 U	481 U
3,3'-Dichlorobenzidine	644 U	3160 U	644 U	3220 U
3-Nitroaniline	481 U	2360 U	481 U	2400 U
4,6-Dinitro-2-methylphenol	481 U	2360 U	481 U	2400 U
4-Bromophenyl phenyl ether	96.2 U	472 U	96.2 U	481 U
4-Chloro-3-methylphenol	96.2 U	472 U	96.2 U	481 U
4-Chloroaniline	96.2 U	472 U	96.2 U	481 U
4-Chlorophenyl phenyl ether	96.2 U	472 U	96.2 U	481 U
4-Methylphenol	96.2 U	472 U	96.2 U	481 U
4-Nitroaniline	481 U	2360 U	481 U	2400 U
4-Nitrophenol	481 U	2360 U	481 U	2400 U
Acenaphthene	96.2 U	472 U	96.2 U	481 U
Acenaphthylene	96.2 U	472 U	96.2 U	481 U
Acetophenone	96.2 U	472 U	96.2 U	481 U
Anthracene	96.2 U	472 U	96.2 U	481 U
Atrazine	96.2 U	472 U	96.2 U	481 U
Benz(a)anthracene	96.2 U	472 U	96.2 U	481 U
Benzaldehyde	96.2 U	472 U	96.2 U	481 U
Benzo(a)pyrene	96.2 U	472 U	96.2 U	481 U
Benzo(b)fluoranthene	96.2 U	472 U	96.2 U	481 U
Benzo(g,h,i)perylene	96.2 U	472 U	96.2 U	481 U

TABLE 1
WARRIOR ASPHALT EMERGENCY RESPONSE
WASTE SAMPLE RESULTS

	DRUM 1	DRUM 2	DRUM 3	TAR 1
Benzo(k)fluoranthene	96.2 U	472 U	96.2 U	481 U
Bis(2-chloroethoxy)methane	96.2 U	472 U	96.2 U	481 U
Bis(2-chloroethyl)ether	96.2 U	472 U	96.2 U	481 U
Bis(2-chloroisopropyl)ether	96.2 U	472 U	96.2 U	481 U
Bis(2-ethylhexyl)phthalate	96.2 U	472 U	96.2 U	481 U
Butyl benzyl phthalate	96.2 U	472 U	96.2 U	481 U
Caprolactam	96.2 U	472 U	96.2 U	481 U
Carbazole	96.2 U	472 U	96.2 U	481 U
Chrysene	96.2 U	472 U	96.2 U	481 U
Dibenz(a,h)anthracene	96.2 U	472 U	96.2 U	481 U
Dibenzofuran	96.2 U	472 U	96.2 U	481 U
Diethyl phthalate	96.2 U	472 U	96.2 U	481 U
Dimethyl phthalate	96.2 U	472 U	96.2 U	481 U
Di-n-butyl phthalate	96.2 U	472 U	96.2 U	481 U
Di-n-octyl phthalate	96.2 U	472 U	96.2 U	481 U
Fluoranthene	96.2 U	472 U	96.2 U	481 U
Fluorene	96.2 U	472 U	96.2 U	481 U
Hexachlorobenzene	96.2 U	472 U	96.2 U	481 U
Hexachlorobutadiene	96.2 U	472 U	96.2 U	481 U
Hexachlorocyclopentadiene	96.2 U	472 U	96.2 U	481 U
Hexachloroethane	96.2 U	472 U	96.2 U	481 U
Indeno(1,2,3-cd)pyrene	96.2 U	472 U	96.2 U	481 U
Isophorone	96.2 U	472 U	96.2 U	481 U
Naphthalene	96.2 U	472 U	96.2 U	481 U
Nitrobenzene	96.2 U	472 U	96.2 U	481 U
N-Nitrosodi-n-propylamine	96.2 U	472 U	96.2 U	481 U
N-Nitrosodiphenylamine	96.2 U	472 U	96.2 U	481 U
Pentachlorophenol	481 U	2360 U	481 U	2400 U
Phenanthrene	96.2 U	472 U	96.2 U	481 U
Phenol	96.2 U	472 U	96.2 U	481 U
Pyrene	96.2 U	472 U	96.2 U	481 U

Notes:

°F - Degrees Fahrenheit
mg/kg - Milligrams per kilogram
SVOC - Semivolatile organic compounds
U - Analyte was not detected above the associated value
ug/kg - Micrograms per kilogram
VOC - Volatile organic compounds

TABLE 1
WARRIOR ASPHALT EMERGENCY RESPONSE
WASTE SAMPLE RESULTS

	TAR 2	TAR 3
Wet Chemistry		
Ignitability (°F)	180 >	180 >
pH	1.95	2.01
Metals, Total (mg/kg)		
Arsenic	4.13 U	4.73 U
Barium	4.13 U	4.73 U
Cadmium	2.06 U	2.37 U
Chromium	2.06 U	2.37 U
Lead	4.13 U	4.73 U
Selenium	4.13 U	4.73 U
Silver	2.06 U	2.37 U
Mercury	0.01 U	0.01 U
Pesticides (mg/kg)		
4,4'-DDD	0.1 U	0.1 U
4,4'-DDE	0.1 U	0.1 U
4,4'-DDT	0.1 U	0.1 U
Aldrin	0.05 U	0.05 U
alpha-BHC	0.05 U	0.05 U
alpha-Chlordane	0.05 U	0.05 U
beta-BHC	0.05 U	0.05 U
Chlordane	4.95 U	4.9 U
delta-BHC	0.05 U	0.05 U
Dieldrin	0.1 U	0.1 U
Endosulfan I	0.05 U	0.05 U
Endosulfan II	0.1 U	0.1 U
Endosulfan sulfate	0.1 U	0.1 U
Endrin	0.1 U	0.1 U
Endrin aldehyde	0.1 U	0.1 U
Endrin ketone	0.1 U	0.1 U
gamma-BHC	0.05 U	0.05 U
gamma-Chlordane	0.05 U	0.05 U
Heptachlor	0.05 U	0.05 U
Heptachlor epoxide	0.05 U	0.05 U
Methoxychlor	0.5 U	0.49 U
Toxaphene	4.95 U	4.9 U
PCB (mg/kg)		
Aroclor 1016	0.99 U	0.98 U
Aroclor 1221	0.99 U	0.98 U
Aroclor 1232	0.99 U	0.98 U
Aroclor 1242	0.99 U	0.98 U
Aroclor 1248	0.99 U	0.98 U
Aroclor 1254	0.99 U	0.98 U
Aroclor 1260	0.99 U	0.98 U

TABLE 1
WARRIOR ASPHALT EMERGENCY RESPONSE
WASTE SAMPLE RESULTS

	TAR 2	TAR 3
Herbicides (ug/kg)		
2,4,5-T	9800 U	9170 U
2,4,5-TP (Silvex)	9800 U	9170 U
2,4-D	9800 U	9170 U
2,4-DB	24500 U	22900 U
Dalapon	24500 U	22900 U
Dicamba	9800 U	9170 U
Dichlorprop	9800 U	9170 U
Dinoseb	24500 U	22900 U
MCPA	2450000 U	2290000 U
MCPP	2450000 U	2290000 U
VOC (ug/kg)		
1,1,1-Trichloroethane	250000 U	250000 U
1,1,2,2-Tetrachloroethane	250000 U	250000 U
1,1,2-Trichloroethane	250000 U	250000 U
1,1-Dichloroethane	250000 U	250000 U
1,1-Dichloroethene	250000 U	250000 U
1,2,4-Trichlorobenzene	250000 U	250000 U
1,2-Dibromo-3-chloropropane	250000 U	250000 U
1,2-Dibromoethane	250000 U	250000 U
1,2-Dichlorobenzene	250000 U	250000 U
1,2-Dichloroethane	250000 U	250000 U
1,2-Dichloroethene, Total	490000 U	500000 U
1,2-Dichloropropane	250000 U	250000 U
1,3-Dichlorobenzene	250000 U	250000 U
1,4-Dichlorobenzene	250000 U	250000 U
2-Butanone	2500000 U	2500000 U
2-Hexanone	490000 U	500000 U
4-Methyl-2-pentanone	490000 U	500000 U
Acetone	2500000 U	2500000 U
Benzene	250000 U	250000 U
Bromodichloromethane	250000 U	250000 U
Bromoform	250000 U	250000 U
Bromomethane	250000 U	250000 U
Carbon disulfide	490000 U	500000 U
Carbon tetrachloride	250000 U	250000 U
Chlorobenzene	250000 U	250000 U
Chloroethane	490000 U	500000 U
Chloroform	250000 U	250000 U
Chloromethane	490000 U	500000 U
cis-1,2-Dichloroethene	250000 U	250000 U
cis-1,3-Dichloropropene	250000 U	250000 U
Cyclohexane	1200000	1100000
Dibromochloromethane	250000 U	250000 U
Dichlorodifluoromethane	490000 U	500000 U
Ethylbenzene	250000 U	250000 U
Freon-113	490000 U	500000 U
Isopropylbenzene	250000 U	250000 U
m,p-Xylene	490000 U	500000 U

TABLE 1
WARRIOR ASPHALT EMERGENCY RESPONSE
WASTE SAMPLE RESULTS

	TAR 2	TAR 3
Methyl acetate	250000 U	250000 U
Methyl tert-butyl ether	250000 U	250000 U
Methylcyclohexane	250000 U	250000 U
Methylene chloride	250000 U	250000 U
o-Xylene	250000 U	250000 U
Styrene	250000 U	250000 U
Tetrachloroethene	250000 U	250000 U
Toluene	250000 U	250000 U
trans-1,2-Dichloroethene	250000 U	250000 U
trans-1,3-Dichloropropene	250000 U	250000 U
Trichloroethene	250000 U	250000 U
Trichlorofluoromethane	250000 U	250000 U
Vinyl chloride	490000 U	500000 U
Xylenes, Total	250000 U	250000 U
SVOC (ug/kg)		
1,1'-Biphenyl	476 U	495 U
2,4,5-Trichlorophenol	2380 U	2480 U
2,4,6-Trichlorophenol	476 U	495 U
2,4-Dichlorophenol	476 U	495 U
2,4-Dimethylphenol	476 U	495 U
2,4-Dinitrophenol	2380 U	2480 U
2,4-Dinitrotoluene	476 U	495 U
2,6-Dinitrotoluene	476 U	495 U
2-Chloronaphthalene	476 U	495 U
2-Chlorophenol	476 U	495 U
2-Methylnaphthalene	476 U	495 U
2-Methylphenol	476 U	495 U
2-Nitroaniline	2380 U	2480 U
2-Nitrophenol	476 U	495 U
3,3'-Dichlorobenzidine	3190 U	3320 U
3-Nitroaniline	2380 U	2480 U
4,6-Dinitro-2-methylphenol	2380 U	2480 U
4-Bromophenyl phenyl ether	476 U	495 U
4-Chloro-3-methylphenol	476 U	495 U
4-Chloroaniline	476 U	495 U
4-Chlorophenyl phenyl ether	476 U	495 U
4-Methylphenol	476 U	495 U
4-Nitroaniline	2380 U	2480 U
4-Nitrophenol	2380 U	2480 U
Acenaphthene	476 U	495 U
Acenaphthylene	476 U	495 U
Acetophenone	476 U	495 U
Anthracene	476 U	495 U
Atrazine	476 U	495 U
Benz(a)anthracene	476 U	495 U
Benzaldehyde	476 U	495 U
Benzo(a)pyrene	476 U	495 U
Benzo(b)fluoranthene	476 U	495 U
Benzo(g,h,i)perylene	476 U	495 U

TABLE 1
WARRIOR ASPHALT EMERGENCY RESPONSE
WASTE SAMPLE RESULTS

	TAR 2	TAR 3
Benzo(k)fluoranthene	476 U	495 U
Bis(2-chloroethoxy)methane	476 U	495 U
Bis(2-chloroethyl)ether	476 U	495 U
Bis(2-chloroisopropyl)ether	476 U	495 U
Bis(2-ethylhexyl)phthalate	476 U	495 U
Butyl benzyl phthalate	476 U	495 U
Caprolactam	476 U	495 U
Carbazole	476 U	495 U
Chrysene	476 U	495 U
Dibenz(a,h)anthracene	476 U	495 U
Dibenzofuran	476 U	495 U
Diethyl phthalate	476 U	495 U
Dimethyl phthalate	476 U	495 U
Di-n-butyl phthalate	476 U	495 U
Di-n-octyl phthalate	476 U	495 U
Fluoranthene	476 U	495 U
Fluorene	476 U	495 U
Hexachlorobenzene	476 U	495 U
Hexachlorobutadiene	476 U	495 U
Hexachlorocyclopentadiene	476 U	495 U
Hexachloroethane	476 U	495 U
Indeno(1,2,3-cd)pyrene	476 U	495 U
Isophorone	476 U	495 U
Naphthalene	476 U	495 U
Nitrobenzene	476 U	495 U
N-Nitrosodi-n-propylamine	476 U	495 U
N-Nitrosodiphenylamine	476 U	495 U
Pentachlorophenol	2380 U	2480 U
Phenanthrene	476 U	495 U
Phenol	476 U	495 U
Pyrene	476 U	495 U

Notes:

°F - Degrees Fahrenheit
mg/kg - Milligrams per kilogram
SVOC - Semivolatile organic compounds
U - Analyte was not detected above the associated value
ug/kg - Micrograms per kilogram
VOC - Volatile organic compounds

ATTACHMENT C
Photographic Log
(10 Pages)



Official Photograph No. 1

Location: Warrior Asphalt ER
Tuscaloosa, Tuscaloosa County, Alabama
TDD No.: TNA-05-002-0012

Subject: Tar-like substance flowing from dam south of Holding Pond #1.

Date: July 15, 2008 **Photographer:** Michael Thompson, START

Source: T N & Associates, Inc. (TN&A)



Official Photograph No. 2

Location: Warrior Asphalt ER
Tuscaloosa, Tuscaloosa County, Alabama
TDD No.: TNA-05-002-0012

Subject: Leaky drainage pipe from tank.

Date: July 15, 2008 **Photographer:** Michael Thompson, START

Source: T N & Associates, Inc. (TN&A)



Official Photograph No. 3

Location: Warrior Asphalt ER
Tuscaloosa, Tuscaloosa County, Alabama
TDD No.: TNA-05-002-0012

Subject: Drainage piping near main building on site.

Date: July 15, 2008 **Photographer:** Michael Thompson, START

Source: T N & Associates, Inc. (TN&A)



Official Photograph No. 4

Location: Warrior Asphalt ER
Tuscaloosa, Tuscaloosa County, Alabama
TDD No.: TNA-05-002-0012

Subject: View of Holding Pond #1.

Date: July 15, 2008 **Photographer:** Michael Thompson, START

Source: T N & Associates, Inc. (TN&A)



Official Photograph No. 5

Location: Warrior Asphalt ER
Tuscaloosa, Tuscaloosa County, Alabama
TDD No.: TNA-05-002-0012

Subject: Tar-like substance flowing south of Holding Ponds #1 and #2.

Date: July 15, 2008 **Photographer:** Michael Thompson, START

Source: T N & Associates, Inc. (TN&A)



Official Photograph No. 6

Location: Warrior Asphalt ER
Tuscaloosa, Tuscaloosa County, Alabama
TDD No.: TNA-05-002-0012

Subject: View of tar-like substance draining from Holding Pond #2.

Date: July 15, 2008 **Photographer:** Michael Thompson, START

Source: T N & Associates, Inc. (TN&A)



Official Photograph No. 7

Location: Warrior Asphalt ER
Tuscaloosa, Tuscaloosa County, Alabama
TDD No.: TNA-05-002-0012

Subject: Seep flowing from Holding Pond #1.

Date: July 15, 2008 **Photographer:** Michael Thompson, START

Source: T N & Associates, Inc. (TN&A)



Official Photograph No. 8

Location: Warrior Asphalt ER
Tuscaloosa, Tuscaloosa County, Alabama
TDD No.: TNA-05-002-0012

Subject: 55-gallon drums and pallets of resin inside of main building on site.

Date: July 15, 2008 **Photographer:** Michael Thompson, START

Source: T N & Associates, Inc. (TN&A)



Official Photograph No. 9

Location: Warrior Asphalt ER
Tuscaloosa, Tuscaloosa County, Alabama
TDD No.: TNA-05-002-0012

Subject: Abandoned 55-gallon drums.

Date: July 15, 2008 **Photographer:** Michael Thompson, START

Source: T N & Associates, Inc. (TN&A)



Official Photograph No. 10

Location: Warrior Asphalt ER
Tuscaloosa, Tuscaloosa County, Alabama
TDD No.: TNA-05-002-0012

Subject: Corroded piping and equipment, and abandoned drums.

Date: July 15, 2008 **Photographer:** Michael Thompson, START

Source: T N & Associates, Inc. (TN&A)



Official Photograph No. 11

Location: Warrior Asphalt ER
Tuscaloosa, Tuscaloosa County, Alabama
TDD No.: TNA-05-002-0012

Subject: EPA and ADEM inspecting ASTs south of main building.

Date: July 15, 2008 **Photographer:** Michael Thompson, START

Source: T N & Associates, Inc. (TN&A)



Official Photograph No. 13

Location: Warrior Asphalt ER
Tuscaloosa, Tuscaloosa County, Alabama
TDD No.: TNA-05-002-0012

Subject: View of treatment building east of main building on site.

Date: July 15, 2008 **Photographer:** Michael Thompson, START

Source: T N & Associates, Inc. (TN&A)



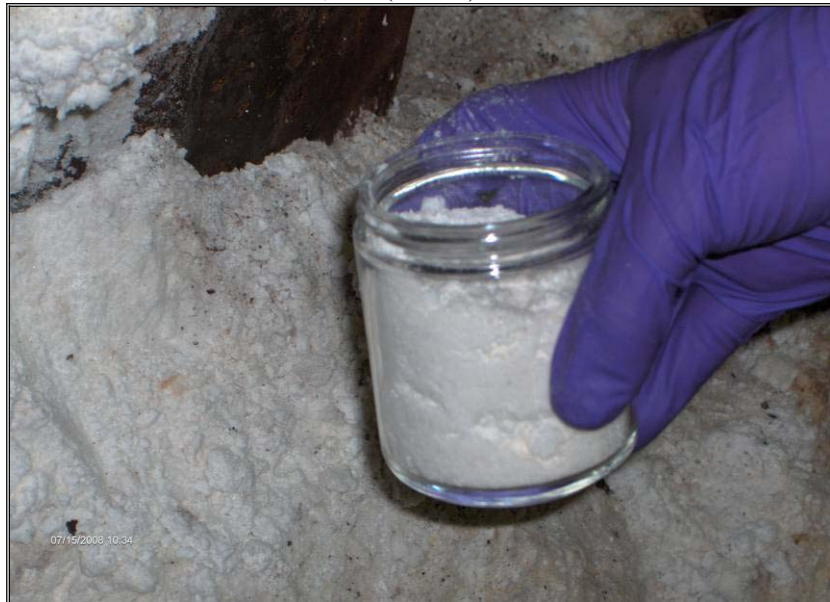
Official Photograph No. 14

Location: Warrior Asphalt ER
Tuscaloosa, Tuscaloosa County, Alabama
TDD No.: TNA-05-002-0012

Subject: Inside view of treatment building on site.

Date: July 15, 2008 **Photographer:** Michael Thompson, START

Source: T N & Associates, Inc. (TN&A)



Official Photograph No. 15

Location: Warrior Asphalt ER
Tuscaloosa, Tuscaloosa County, Alabama
TDD No.: TNA-05-002-0012

Subject: Sample of material collected from Drum 1.

Date: July 15, 2008 **Photographer:** Michael Thompson, START

Source: T N & Associates, Inc. (TN&A)



Official Photograph No. 16

Location: Warrior Asphalt ER
Tuscaloosa, Tuscaloosa County, Alabama
TDD No.: TNA-05-002-0012

Subject: Label on Drum 1.

Date: July 15, 2008 **Photographer:** Michael Thompson, START

Source: T N & Associates, Inc. (TN&A)



Official Photograph No. 17

Location: Warrior Asphalt ER
Tuscaloosa, Tuscaloosa County, Alabama
TDD No.: TNA-05-002-0012

Subject: View of Holding Pond #2.

Date: July 15, 2008 **Photographer:** Michael Thompson, START

Source: T N & Associates, Inc. (TN&A)



Official Photograph No. 18

Location: Warrior Asphalt ER
Tuscaloosa, Tuscaloosa County, Alabama
TDD No.: TNA-05-002-0012

Subject: Tar-like substance flowing south of gas pipeline.

Date: July 15, 2008 **Photographer:** Michael Thompson, START

Source: T N & Associates, Inc. (TN&A)



Official Photograph No. 19

Location: Warrior Asphalt ER
Tuscaloosa, Tuscaloosa County, Alabama
TDD No.: TNA-05-002-0012

Subject: Waste samples collected for laboratory analysis.

Date: July 15, 2008 **Photographer:** Michael Thompson, START

Source: T N & Associates, Inc. (TN&A)



Official Photograph No. 20

Location: Warrior Asphalt ER
Tuscaloosa, Tuscaloosa County, Alabama
TDD No.: TNA-05-002-0012

Subject: View of waste samples from Drum 1 (left) and seeps (center and right).

Date: July 15, 2008 **Photographer:** Michael Thompson, START

Source: T N & Associates, Inc. (TN&A)



Official Photograph No. 21

Location: Warrior Asphalt ER
Tuscaloosa, Tuscaloosa County, Alabama
TDD No.: TNA-05-002-0012

Subject: View of waste samples from Drum 2 (left) and Drum 3 (right).

Date: July 15, 2008 **Photographer:** Michael Thompson, START

Source: T N & Associates, Inc. (TN&A)

ATTACHMENT D
Field Logbook Notes
(3 pages)

CONTENTS

PAGE

REFERENCE

DATE

Location

Tuscaloosa, AL

Date

07/19/05

Project / Client

Wacker Asphalt

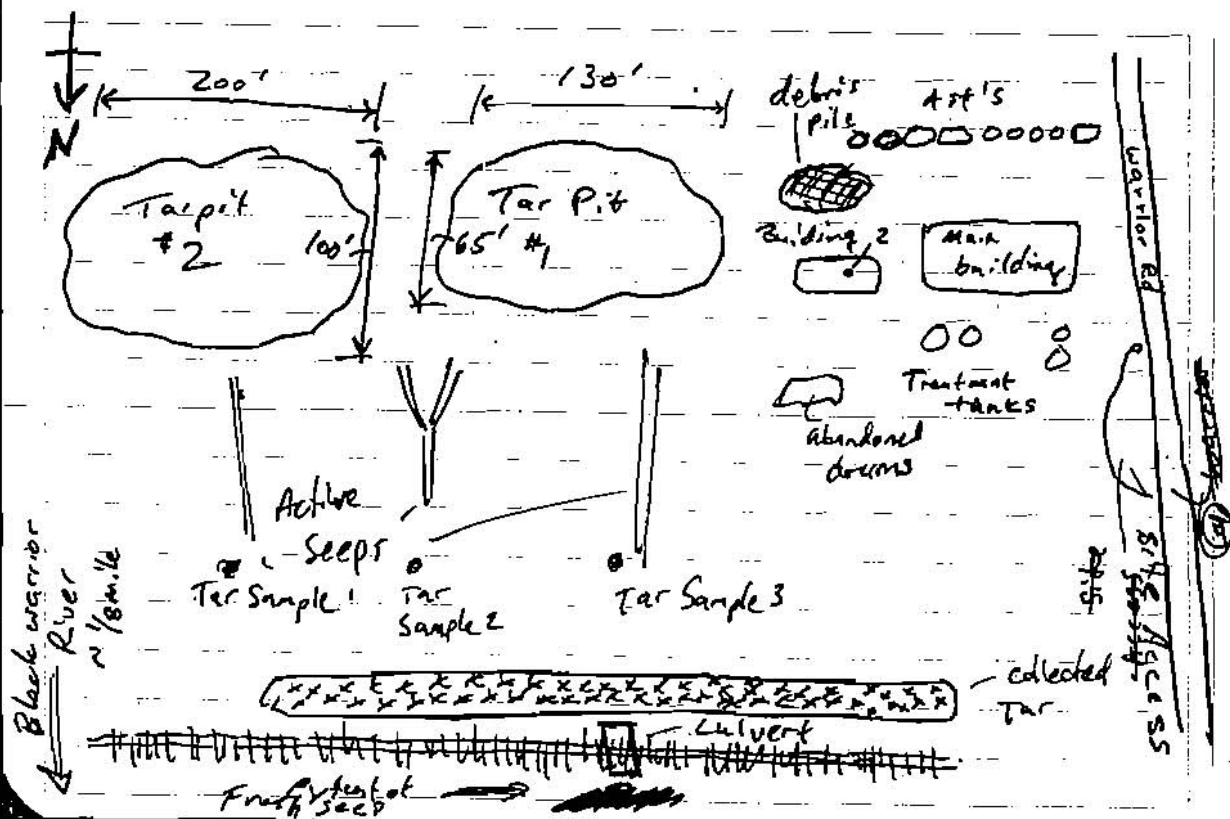
11:30 - STAC Received EIR call.
for Mobilization to AL.
11:30 - STAC leaves for Tuscaloosa
20:00 CST in Tuscaloosa - check in
to the

[Signature]

Location Tuscaloosa, AL Date 07/15/08
 Project / Client Warrior Asphalt

07:30 onsite. Set up equipment.
 08:00 OSC onsite - performed site walk through
 GPS Data for site features

Location/Feature	Latitude	Longitude
Manufacturing tank/leap	33°14.886'	87°29.169'
Corner of process tanks	33°14.887'	87°29.155'
East side of pit	33°14.890'	87°29.070'
West side of Tar pit 1	33°14.887'	87°29.110'
East side of Tar pit 2	33°14.895'	87°29.008'
West side of Tar pit 2	33°14.895'	87°29.058'
Seep 1 (for Sample 1)	33°14.939'	87°29.061'
Seep 2 (for Sample 2)	33°14.911'	87°29.082'
Culvert under RR tracks	33°14.907'	87°29.109'
Middle of release	33°14.924'	87°29.088'
along RR tracks		
Tar Sample 3	33°14.880'	87°29.125'
End of release along	33°14.922'	87°29.116'
RR Tracks		
Tip of New Seep	33°14.944'	87°29.095'
abandoned drums	33°14.907'	87°29.133'
NE corner of Main building	33°14.892'	87°29.144'
debris pile (wood)	33°14.883'	87°29.123'
S. center 2nd building	33°14.890'	87°29.133'
Additional Material observed	33°14.941'	87°29.128'



Location Tuscaloosa, AL Date 07/15/08
 Project / Client Warrior Asphalt

Location Tuculosee, AL Date 07/15/08
 Project / Client Warrior Asphalt

Note: ADEM Representative onsite -

* n 52, 55-gallon drums located
 inside main building, Also 3 pallets
 ~ 25 bags of pelletized resin - bags
 and drums are in poor condition
 * Based on Burn ~~Area~~ dimensions depth
 of each tar pit ~ 10' - 15'

10:30 START preparing to sample. Spilled/
 leaked material from drums stored
 in main building

10:45 Collected sample from Drum 1 -
 white crystalline powder - drum labeled

"Crystalline Solid"

10:55 Collected sample from Drum 2 - top
 open dark brown ~~solid~~ oily liquid

11:00 Collected sample from Drum 3 -

closed - opaque waxy solid

~~At 11:30~~ 11:30 Start screened drums
 with T/A-1000 NO Increase in PFD
 or PFD readings above background

11:45 Collected TAE Sample 1

11:55 Collected TAE Sample 2

12:05 Collected TAE Sample 3

Location Tuculosee, AL Date 07/15/08
 Project / Client Warrior Asphalt

Note: Additional features observed during
 site walk through -

* 7 Aft's located north ~~area~~
 south of main building ~ 10 ft tall
 by 25 feet in length
 ~ 12 drums northeast of main building
 in poor condition

Tar Seeps flowing down gradient
 towards railroad tracks collecting
 in ditch on south side of Truck-
 stone culvert allowing migration of
 Tar to north side of tracks

12:30 off site - street heading to
 County tax office to record site
 ownership history - & get tax maps.

13:15 at County tax office
 reviewed ~~the~~ electronic maps from
 County representative

14:30 demobilize to Atlanta, GA

John A. [Signature]

ATTACHMENT E
Laboratory Data Package
(30 pages)



AES

ANALYTICAL ENVIRONMENTAL SERVICES, INC.

July 25, 2008

Darius Soltes
TN and Associates
1220 Kennestone Circle
Suite D
Marietta, GA 30066

TEL: (678) 355-5550
FAX

RE: Tuscaloosa ER

Dear Darius Soltes:

Order No.: 0807A92

Analytical Environmental Services, Inc. received 6 samples on 7/15/2008 6:40:00 PM for the analyses presented in the following report.

No problems were encountered during the analyses. Additionally, all results for the associated Quality Control samples were within EPA and/or AES established limits. Any discrepancies associated with the analyses contained herein will be noted and submitted in the form of a project Case Narrative.

AES' certifications are as follows:

- NELAC/Florida Certification number E87582 for analysis of Environmental Water, soil/hazardous waste, and Drinking Water Microbiology, effective 07/01/08-06/30/09.
- AIHA Certification ID #100671 for Industrial Hygiene samples (Organics, Inorganics), Environmental Lead (Paint, Soil, Dust Wipes, Air), and Environmental Microbiology (Fungal) effective until 08/01/09.

These results relate only to the items tested. This report may only be reproduced in full and contains 54 total pages (including cover letter).

If you have any questions regarding these test results, please feel free to call.

Sincerely,

James Forrest
Project Manager

0807A92

CHAIN-OF-CUSTODY RECORD

COC NUMBER:

PROJECT NAME: TOSCABOSA ER		PROJECT NUMBER:		LAB NAME AND CONTACT: AES / James Forrest		FAX AND MAIL REPORTS SENT TO: RECIPIENT 1 (Name and Company)		RECIPIENT 1 (Address, Tel No., and Fax No.):	
PROJECT PHASE/SITE/TASK: TBD		TO OR DO NUMBER:		LAB PO NUMBER:		FAX AND MAIL REPORTS SENT TO: RECIPIENT 2 (Name and Company)		RECIPIENT 2 (Address, Tel No., and Fax No.):	
PROJECT CONTACT: 178-355-550 Darius SoHes		PROJECT TEL NO AND FAX NO:		LAB TEL NO AND FAX NO:		FAX AND MAIL REPORTS SENT TO: RECIPIENT 3 (Name and Company)		RECIPIENT 3 (Address, Tel No., and Fax No.):	
178-355-550 Darius SoHes		ANALYSES REQUIRED (Include Method Number)		TUE ASSOCIATES 678-355-5545 1220 Koppstone Circle, Suite D, Meriden, CT 06460					
ITEM	SAMPLE IDENTIFIER	SAMPLE DESCRIPTION/LOCATION	MATRIX	DATE COLLECTED (see codes on SOP)	TIME COLLECTED	DATA PKG LEVEL	TAT (calendar days)	LAB	LAB ID
1		Drum 1		7/15	1045				
2		Drum 2			1055				
3		Drum 3			1100				
4		TAR 1			1145				
5		TAR 2			1155				
6		TAR 3			1205				
7									
8									
9									
10									
SAMPLE(S) AND COMPANY: (please print)		COURIER AND SHIPPING NUMBER:		SAMPLES TEMPERATURE AND CONDITION UPON RECEIPT (for lab's use):					
Michael Thompson TUE ASSOCIATES									
PRINTED NAME AND SIGNATURE:		DATE		TIME		RECEIVED BY		DATE	
Darius SoHes		7/15/08		1800		Michael Thompson		7/15/08	
PRINTED NAME AND SIGNATURE:		DATE		TIME		RECEIVED BY		DATE	
Michael Thompson		7/15/08		1800		Michael Thompson		7/15/08	
PRINTED NAME AND SIGNATURE:		DATE		TIME		RECEIVED BY		DATE	
Michael Thompson		7/15/08		1800		Michael Thompson		7/15/08	

Analytical Environmental Services, Inc.

Sample/Cooler Receipt Checklist

Client TN & Associates

Work Order Number 08071892

Checklist completed by [Signature] 7/15/08 D.C. 7/16/8
Signature Date

Carrier name: FedEx ☐ UPS ☐ Courier ☐ Client ☒ US Mail ☐ Other ☐

Shipping container/cooler in good condition? Yes ☒ No ☐ Not Present ☐

Custody seals intact on shipping container/cooler? Yes ☐ No ☐ Not Present ☒

Custody seals intact on sample bottles? Yes ☐ No ☐ Not Present ☒

Container/Temp Blank temperature in compliance? ($4^{\circ}\text{C} \pm 2$)* Yes ☒ No ☐

Cooler #1 3.2°C Cooler #2 ☐ Cooler #3 ☐ Cooler #4 ☐ Cooler #5 ☐ Cooler #6 ☐

Chain of custody present? Yes ☒ No ☐

Chain of custody signed when relinquished and received? Yes ☒ No ☐

Chain of custody agrees with sample labels? Yes ☒ No ☐

Samples in proper container/bottle? Yes ☒ No ☒

Sample containers intact? Yes ☒ No ☐

Sufficient sample volume for indicated test? Yes ☒ No ☐

All samples received within holding time? Yes ☒ No ☐

Was TAT marked on the COC? Yes ☐ No ☒

Proceed with Standard TAT as per project history? Yes ☒ No ☐ Not Applicable ☐

Water - VOA vials have zero headspace? No VOA vials submitted ☒ Yes ☐ No ☐

Water - pH acceptable upon receipt? Yes ☐ No ☐ Not Applicable ☒

Adjusted? ☐ Checked by ☐

Sample Condition: Good ☒ Other(Explain) ☐

(For diffusive samples or AIHA lead) Is a known blank included? Yes ☐ No ☒

See Case Narrative for resolution of the Non-Conformance.

* Samples do not have to comply with the given range for certain parameters.

\\Quality Assurance\\Checklists Procedures Sign-Off Templates\\Checklists\\Sample Receipt Checklists\\Sample_Cooler_Receipt_Checklist

CLIENT: TN and Associates

Project: Tuscaloosa ER

Lab Order: 0807A92

CASE NARRATIVE

Sample Receiving Nonconformance:

At client request, A fraction was split from B fraction for analysis after receipt at the laboratory.

Analyze RCRA metals for metals analysis per Darius Soltes on 7/16/08.

Samples were not reported on dry weight basis, as analysis of moisture content is not possible due to sample matrix.

Semi Volatile Organic Analysis by Method 8270C:

Due to sample matrix, samples 0807A92-002, -004, -005, and -006 required dilution during analysis resulting in elevated reporting limits.

Volatile Organic Compounds Analysis by Method 8260B:

Due to sample matrix, samples 0807A92-001, -002, -003, -004, -005, and -006 required dilution during preparation and/or analysis resulting in elevated reporting limits.

Chlorinated Herbicides Analysis by Method 8151A:

Due to sample matrix, samples 0807A92-001, -002, -003, -004, -005, and -006 required dilution during preparation and/or analysis resulting in elevated reporting limits.

Analytical Environmental Services, Inc.

Date: 24-Jul-08

CLIENT: TN and Associates
Project: Tuscaloosa ER
Lab ID: 0807A92-001

Client Sample ID: DRUM 1
Collection Date: 7/15/2008 10:45:00 AM
Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
CHLORINATED PESTICIDES, TARGET COMPOUN				SW8081A	(SW3580)	Analyst: MM	
4,4'-DDD	BRL	0.099		mg/Kg	101968	1	7/21/2008 10:32 PM
4,4'-DDE	BRL	0.099		mg/Kg	101968	1	7/21/2008 10:32 PM
4,4'-DDT	BRL	0.099		mg/Kg	101968	1	7/21/2008 10:32 PM
Aldrin	BRL	0.050		mg/Kg	101968	1	7/21/2008 10:32 PM
alpha-BHC	BRL	0.050		mg/Kg	101968	1	7/21/2008 10:32 PM
alpha-Chlordane	BRL	0.050		mg/Kg	101968	1	7/21/2008 10:32 PM
beta-BHC	BRL	0.050		mg/Kg	101968	1	7/21/2008 10:32 PM
Chlordane	BRL	5.0		mg/Kg	101968	1	7/21/2008 10:32 PM
delta-BHC	BRL	0.050		mg/Kg	101968	1	7/21/2008 10:32 PM
Dieldrin	BRL	0.099		mg/Kg	101968	1	7/21/2008 10:32 PM
Endosulfan I	BRL	0.050		mg/Kg	101968	1	7/21/2008 10:32 PM
Endosulfan II	BRL	0.099		mg/Kg	101968	1	7/21/2008 10:32 PM
Endosulfan sulfate	BRL	0.099		mg/Kg	101968	1	7/21/2008 10:32 PM
Endrin	BRL	0.099		mg/Kg	101968	1	7/21/2008 10:32 PM
Endrin aldehyde	BRL	0.099		mg/Kg	101968	1	7/21/2008 10:32 PM
Endrin ketone	BRL	0.099		mg/Kg	101968	1	7/21/2008 10:32 PM
gamma-BHC	BRL	0.050		mg/Kg	101968	1	7/21/2008 10:32 PM
gamma-Chlordane	BRL	0.050		mg/Kg	101968	1	7/21/2008 10:32 PM
Heptachlor	BRL	0.050		mg/Kg	101968	1	7/21/2008 10:32 PM
Heptachlor epoxide	BRL	0.050		mg/Kg	101968	1	7/21/2008 10:32 PM
Methoxychlor	BRL	0.50		mg/Kg	101968	1	7/21/2008 10:32 PM
Toxaphene	BRL	5.0		mg/Kg	101968	1	7/21/2008 10:32 PM
Surr: Decachlorobiphenyl	101	30-150		%REC	101968	1	7/21/2008 10:32 PM
Surr: Tetrachloro-m-xylene	101	30-150		%REC	101968	1	7/21/2008 10:32 PM
POLYCHLORINATED BIPHENYLS				SW8082	(SW3580)	Analyst: MM	
Aroclor 1016	BRL	0.99		mg/Kg	101967	1	7/21/2008 10:32 PM
Aroclor 1221	BRL	0.99		mg/Kg	101967	1	7/21/2008 10:32 PM
Aroclor 1232	BRL	0.99		mg/Kg	101967	1	7/21/2008 10:32 PM
Aroclor 1242	BRL	0.99		mg/Kg	101967	1	7/21/2008 10:32 PM
Aroclor 1248	BRL	0.99		mg/Kg	101967	1	7/21/2008 10:32 PM
Aroclor 1254	BRL	0.99		mg/Kg	101967	1	7/21/2008 10:32 PM
Aroclor 1260	BRL	0.99		mg/Kg	101967	1	7/21/2008 10:32 PM
Surr: Decachlorobiphenyl	80.3	17.5-197		%REC	101967	1	7/21/2008 10:32 PM
Surr: Tetrachloro-m-xylene	89.1	10.7-172		%REC	101967	1	7/21/2008 10:32 PM
CHLORINATED HERBICIDES				SW8151A	(SW3580)	Analyst: EI	
2,4,5-T	BRL	9900		ug/Kg	101966	5	7/22/2008 1:45 PM
2,4,5-TP (Silvex)	BRL	9900		ug/Kg	101966	5	7/22/2008 1:45 PM
2,4-D	BRL	9900		ug/Kg	101966	5	7/22/2008 1:45 PM
2,4-DB	BRL	25000		ug/Kg	101966	5	7/22/2008 1:45 PM
Dalapon	BRL	25000		ug/Kg	101966	5	7/22/2008 1:45 PM

Qualifiers:	*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
	BRL	Below Reporting Limit	S	Surrogate Recovery outside accepted recovery limits
	H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
	N	Analyte not NELAC certified	NC	Not Confirmed
	B	Analyte detected in the associated Method Blank		

Analytical Environmental Services, Inc.

Date: 24-Jul-08

CLIENT: TN and Associates

Client Sample ID: DRUM 1

Project: Tuscaloosa ER

Collection Date: 7/15/2008 10:45:00 AM

Lab ID: 0807A92-001

Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
CHLORINATED HERBICIDES							
		SW8151A			(SW3580)		Analyst: EI
Dicamba	BRL	9900		ug/Kg	101966	5	7/22/2008 1:45 PM
Dichlorprop	BRL	9900		ug/Kg	101966	5	7/22/2008 1:45 PM
Dinoseb	BRL	25000		ug/Kg	101966	5	7/22/2008 1:45 PM
MCPA	BRL	2500000		ug/Kg	101966	5	7/22/2008 1:45 PM
MCPP	BRL	2500000		ug/Kg	101966	5	7/22/2008 1:45 PM
Surr: DCAA	0	20-127	S	%REC	101966	5	7/22/2008 1:45 PM
METALS, TOTAL							
		SW6010B			(SW3050B)		Analyst: DJ
Arsenic	BRL	4.7		mg/Kg	101907	1	7/17/2008 1:02 PM
Barium	BRL	4.7		mg/Kg	101907	1	7/17/2008 1:02 PM
Cadmium	BRL	2.3		mg/Kg	101907	1	7/17/2008 1:02 PM
Chromium	BRL	2.3		mg/Kg	101907	1	7/17/2008 1:02 PM
Lead	BRL	4.7		mg/Kg	101907	1	7/17/2008 1:02 PM
Selenium	BRL	4.7		mg/Kg	101907	1	7/17/2008 1:02 PM
Silver	BRL	2.3		mg/Kg	101907	1	7/17/2008 1:02 PM
TOTAL MERCURY - WASTE							
		SW7471A			(SW7471)		Analyst: TAA
Mercury	BRL	0.0996		mg/Kg	102029	1	7/21/2008 5:26 PM
TCL-SEMIVOLATILE ORGANICS							
		SW8270C			(SW3580)		Analyst: YH
1,1'-Biphenyl	BRL	96		mg/Kg	101965	1	7/18/2008 11:46 PM
2,4,5-Trichlorophenol	BRL	480		mg/Kg	101965	1	7/18/2008 11:46 PM
2,4,6-Trichlorophenol	BRL	96		mg/Kg	101965	1	7/18/2008 11:46 PM
2,4-Dichlorophenol	BRL	96		mg/Kg	101965	1	7/18/2008 11:46 PM
2,4-Dimethylphenol	BRL	96		mg/Kg	101965	1	7/18/2008 11:46 PM
2,4-Dinitrophenol	BRL	480		mg/Kg	101965	1	7/18/2008 11:46 PM
2,4-Dinitrotoluene	BRL	96		mg/Kg	101965	1	7/18/2008 11:46 PM
2,6-Dinitrotoluene	BRL	96		mg/Kg	101965	1	7/18/2008 11:46 PM
2-Chloronaphthalene	BRL	96		mg/Kg	101965	1	7/18/2008 11:46 PM
2-Chlorophenol	BRL	96		mg/Kg	101965	1	7/18/2008 11:46 PM
2-Methylnaphthalene	BRL	96		mg/Kg	101965	1	7/18/2008 11:46 PM
2-Methylphenol	BRL	96		mg/Kg	101965	1	7/18/2008 11:46 PM
2-Nitroaniline	BRL	480		mg/Kg	101965	1	7/18/2008 11:46 PM
2-Nitrophenol	BRL	96		mg/Kg	101965	1	7/18/2008 11:46 PM
3,3'-Dichlorobenzidine	BRL	640		mg/Kg	101965	1	7/18/2008 11:46 PM
3-Nitroaniline	BRL	480		mg/Kg	101965	1	7/18/2008 11:46 PM
4,6-Dinitro-2-methylphenol	BRL	480		mg/Kg	101965	1	7/18/2008 11:46 PM
4-Bromophenyl phenyl ether	BRL	96		mg/Kg	101965	1	7/18/2008 11:46 PM
4-Chloro-3-methylphenol	BRL	96		mg/Kg	101965	1	7/18/2008 11:46 PM
4-Chloroaniline	BRL	96		mg/Kg	101965	1	7/18/2008 11:46 PM
4-Chlorophenyl phenyl ether	BRL	96		mg/Kg	101965	1	7/18/2008 11:46 PM
4-Methylphenol	BRL	96		mg/Kg	101965	1	7/18/2008 11:46 PM
4-Nitroaniline	BRL	480		mg/Kg	101965	1	7/18/2008 11:46 PM

Qualifiers: *

BRL Value exceeds Maximum Contaminant Level

H Below Reporting Limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated Method Blank

E Estimated (Value above quantitation range)

S Surrogate Recovery outside accepted recovery limits

Narr See Case Narrative

NC Not Confirmed

Analytical Environmental Services, Inc.

Date: 24-Jul-08

CLIENT: TN and Associates

Client Sample ID: DRUM 1

Project: Tuscaloosa ER

Collection Date: 7/15/2008 10:45:00 AM

Lab ID: 0807A92-001

Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
TCL-SEMIVOLATILE ORGANICS			SW8270C	(SW3580)	Analyst: YH		
4-Nitrophenol	BRL	480		mg/Kg	101965	1	7/18/2008 11:46 PM
Acenaphthene	BRL	96		mg/Kg	101965	1	7/18/2008 11:46 PM
Acenaphthylene	BRL	96		mg/Kg	101965	1	7/18/2008 11:46 PM
Acetophenone	BRL	96		mg/Kg	101965	1	7/18/2008 11:46 PM
Anthracene	BRL	96		mg/Kg	101965	1	7/18/2008 11:46 PM
Atrazine	BRL	96		mg/Kg	101965	1	7/18/2008 11:46 PM
Benz(a)anthracene	BRL	96		mg/Kg	101965	1	7/18/2008 11:46 PM
Benzaldehyde	BRL	96		mg/Kg	101965	1	7/18/2008 11:46 PM
Benzo(a)pyrene	BRL	96		mg/Kg	101965	1	7/18/2008 11:46 PM
Benzo(b)fluoranthene	BRL	96		mg/Kg	101965	1	7/18/2008 11:46 PM
Benzo(g,h,i)perylene	BRL	96		mg/Kg	101965	1	7/18/2008 11:46 PM
Benzo(k)fluoranthene	BRL	96		mg/Kg	101965	1	7/18/2008 11:46 PM
Bis(2-chloroethoxy)methane	BRL	96		mg/Kg	101965	1	7/18/2008 11:46 PM
Bis(2-chloroethyl)ether	BRL	96		mg/Kg	101965	1	7/18/2008 11:46 PM
Bis(2-chloroisopropyl)ether	BRL	96		mg/Kg	101965	1	7/18/2008 11:46 PM
Bis(2-ethylhexyl)phthalate	BRL	96		mg/Kg	101965	1	7/18/2008 11:46 PM
Butyl benzyl phthalate	BRL	96		mg/Kg	101965	1	7/18/2008 11:46 PM
Caprolactam	BRL	96		mg/Kg	101965	1	7/18/2008 11:46 PM
Carbazole	BRL	96		mg/Kg	101965	1	7/18/2008 11:46 PM
Chrysene	BRL	96		mg/Kg	101965	1	7/18/2008 11:46 PM
Dibenz(a,h)anthracene	BRL	96		mg/Kg	101965	1	7/18/2008 11:46 PM
Dibenzofuran	BRL	96		mg/Kg	101965	1	7/18/2008 11:46 PM
Diethyl phthalate	BRL	96		mg/Kg	101965	1	7/18/2008 11:46 PM
Dimethyl phthalate	BRL	96		mg/Kg	101965	1	7/18/2008 11:46 PM
Di-n-butyl phthalate	BRL	96		mg/Kg	101965	1	7/18/2008 11:46 PM
Di-n-octyl phthalate	BRL	96		mg/Kg	101965	1	7/18/2008 11:46 PM
Fluoranthene	BRL	96		mg/Kg	101965	1	7/18/2008 11:46 PM
Fluorene	BRL	96		mg/Kg	101965	1	7/18/2008 11:46 PM
Hexachlorobenzene	BRL	96		mg/Kg	101965	1	7/18/2008 11:46 PM
Hexachlorobutadiene	BRL	96		mg/Kg	101965	1	7/18/2008 11:46 PM
Hexachlorocyclopentadiene	BRL	96		mg/Kg	101965	1	7/18/2008 11:46 PM
Hexachloroethane	BRL	96		mg/Kg	101965	1	7/18/2008 11:46 PM
Indeno(1,2,3-cd)pyrene	BRL	96		mg/Kg	101965	1	7/18/2008 11:46 PM
Isophorone	BRL	96		mg/Kg	101965	1	7/18/2008 11:46 PM
Naphthalene	BRL	96		mg/Kg	101965	1	7/18/2008 11:46 PM
Nitrobenzene	BRL	96		mg/Kg	101965	1	7/18/2008 11:46 PM
N-Nitrosodi-n-propylamine	BRL	96		mg/Kg	101965	1	7/18/2008 11:46 PM
N-Nitrosodiphenylamine	BRL	96		mg/Kg	101965	1	7/18/2008 11:46 PM
Pentachlorophenol	BRL	480		mg/Kg	101965	1	7/18/2008 11:46 PM
Phenanthrene	BRL	96		mg/Kg	101965	1	7/18/2008 11:46 PM
Phenol	BRL	96		mg/Kg	101965	1	7/18/2008 11:46 PM

Qualifiers: * Value exceeds Maximum Contaminant Level
 BRL Below Reporting Limit
 H Holding times for preparation or analysis exceeded
 N Analyte not NELAC certified
 B Analyte detected in the associated Method Blank

E Estimated (Value above quantitation range)
 S Surrogate Recovery outside accepted recovery limits
 Narr See Case Narrative
 NC Not Confirmed

Analytical Environmental Services, Inc.

Date: 24-Jul-08

CLIENT: TN and Associates

Client Sample ID: DRUM 1

Project: Tuscaloosa ER

Collection Date: 7/15/2008 10:45:00 AM

Lab ID: 0807A92-001

Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
TCL-SEMIVOLATILE ORGANICS							
		SW8270C			(SW3580)		Analyst: YH
Pyrene	BRL	96		mg/Kg	101965	1	7/18/2008 11:46 PM
Surr: 2,4,6-Tribromophenol	103	52.2-161		%REC	101965	1	7/18/2008 11:46 PM
Surr: 2-Fluorobiphenyl	114	65.4-139		%REC	101965	1	7/18/2008 11:46 PM
Surr: 2-Fluorophenol	103	44-152		%REC	101965	1	7/18/2008 11:46 PM
Surr: 4-Terphenyl-d14	108	56-140		%REC	101965	1	7/18/2008 11:46 PM
Surr: Nitrobenzene-d5	105	49.8-149		%REC	101965	1	7/18/2008 11:46 PM
Surr: Phenol-d5	109	45.3-148		%REC	101965	1	7/18/2008 11:46 PM
TCL VOLATILE ORGANICS							
		SW8260B			(SW5035)		Analyst: NWH
1,1,1-Trichloroethane	BRL	2400		ug/Kg	102134	50	7/22/2008 5:49 PM
1,1,2,2-Tetrachloroethane	BRL	2400		ug/Kg	102134	50	7/22/2008 5:49 PM
1,1,2-Trichloroethane	BRL	2400		ug/Kg	102134	50	7/22/2008 5:49 PM
1,1-Dichloroethane	BRL	2400		ug/Kg	102134	50	7/22/2008 5:49 PM
1,1-Dichloroethene	BRL	2400		ug/Kg	102134	50	7/22/2008 5:49 PM
1,2,4-Trichlorobenzene	BRL	2400		ug/Kg	102134	50	7/22/2008 5:49 PM
1,2-Dibromo-3-chloropropane	BRL	2400		ug/Kg	102134	50	7/22/2008 5:49 PM
1,2-Dibromoethane	BRL	2400		ug/Kg	102134	50	7/22/2008 5:49 PM
1,2-Dichlorobenzene	BRL	2400		ug/Kg	102134	50	7/22/2008 5:49 PM
1,2-Dichloroethane	BRL	2400		ug/Kg	102134	50	7/22/2008 5:49 PM
1,2-Dichloropropane	BRL	2400		ug/Kg	102134	50	7/22/2008 5:49 PM
1,3-Dichlorobenzene	BRL	2400		ug/Kg	102134	50	7/22/2008 5:49 PM
1,4-Dichlorobenzene	BRL	2400		ug/Kg	102134	50	7/22/2008 5:49 PM
2-Butanone	BRL	24000		ug/Kg	102134	50	7/22/2008 5:49 PM
2-Hexanone	BRL	4700		ug/Kg	102134	50	7/22/2008 5:49 PM
4-Methyl-2-pentanone	BRL	4700		ug/Kg	102134	50	7/22/2008 5:49 PM
Acetone	BRL	24000		ug/Kg	102134	50	7/22/2008 5:49 PM
Benzene	BRL	2400		ug/Kg	102134	50	7/22/2008 5:49 PM
Bromodichloromethane	BRL	2400		ug/Kg	102134	50	7/22/2008 5:49 PM
Bromoform	BRL	2400		ug/Kg	102134	50	7/22/2008 5:49 PM
Bromomethane	BRL	2400		ug/Kg	102134	50	7/22/2008 5:49 PM
Carbon disulfide	BRL	4700		ug/Kg	102134	50	7/22/2008 5:49 PM
Carbon tetrachloride	BRL	2400		ug/Kg	102134	50	7/22/2008 5:49 PM
Chlorobenzene	BRL	2400		ug/Kg	102134	50	7/22/2008 5:49 PM
Chloroethane	BRL	4700		ug/Kg	102134	50	7/22/2008 5:49 PM
Chloroform	BRL	2400		ug/Kg	102134	50	7/22/2008 5:49 PM
Chloromethane	BRL	4700		ug/Kg	102134	50	7/22/2008 5:49 PM
cis-1,2-Dichloroethene	BRL	2400		ug/Kg	102134	50	7/22/2008 5:49 PM
cis-1,3-Dichloropropene	BRL	2400		ug/Kg	102134	50	7/22/2008 5:49 PM
Cyclohexane	BRL	2400		ug/Kg	102134	50	7/22/2008 5:49 PM
Dibromochloromethane	BRL	2400		ug/Kg	102134	50	7/22/2008 5:49 PM
Dichlorodifluoromethane	BRL	4700		ug/Kg	102134	50	7/22/2008 5:49 PM
Ethylbenzene	BRL	2400		ug/Kg	102134	50	7/22/2008 5:49 PM

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- BRL Below Reporting Limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated Method Blank

- E Estimated (Value above quantitation range)
- S Surrogate Recovery outside accepted recovery limits
- Narr See Case Narrative
- NC Not Confirmed

Analytical Environmental Services, Inc.

Date: 24-Jul-08

CLIENT: TN and Associates
Project: Tuscaloosa ER
Lab ID: 0807A92-001

Client Sample ID: DRUM 1
Collection Date: 7/15/2008 10:45:00 AM
Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
TCL VOLATILE ORGANICS							
		SW8260B			(SW5035)		Analyst: NWH
Freon-113	BRL	4700		ug/Kg	102134	50	7/22/2008 5:49 PM
Isopropylbenzene	BRL	2400		ug/Kg	102134	50	7/22/2008 5:49 PM
m,p-Xylene	BRL	4700		ug/Kg	102134	50	7/22/2008 5:49 PM
Methyl acetate	BRL	2400		ug/Kg	102134	50	7/22/2008 5:49 PM
Methyl tert-butyl ether	BRL	2400		ug/Kg	102134	50	7/22/2008 5:49 PM
Methylcyclohexane	BRL	2400		ug/Kg	102134	50	7/22/2008 5:49 PM
Methylene chloride	BRL	2400		ug/Kg	102134	50	7/22/2008 5:49 PM
o-Xylene	BRL	2400		ug/Kg	102134	50	7/22/2008 5:49 PM
Styrene	BRL	2400		ug/Kg	102134	50	7/22/2008 5:49 PM
Tetrachloroethene	BRL	2400		ug/Kg	102134	50	7/22/2008 5:49 PM
Toluene	BRL	2400		ug/Kg	102134	50	7/22/2008 5:49 PM
trans-1,2-Dichloroethene	BRL	2400		ug/Kg	102134	50	7/22/2008 5:49 PM
trans-1,3-Dichloropropene	BRL	2400		ug/Kg	102134	50	7/22/2008 5:49 PM
Trichloroethene	BRL	2400		ug/Kg	102134	50	7/22/2008 5:49 PM
Trichlorofluoromethane	BRL	2400		ug/Kg	102134	50	7/22/2008 5:49 PM
Vinyl chloride	BRL	4700		ug/Kg	102134	50	7/22/2008 5:49 PM
Surr: 4-Bromofluorobenzene	92.7	57.7-127		%REC	102134	50	7/22/2008 5:49 PM
Surr: Dibromofluoromethane	88.8	61.7-143		%REC	102134	50	7/22/2008 5:49 PM
Surr: Toluene-d8	88.4	73-127		%REC	102134	50	7/22/2008 5:49 PM
IGNITABILITY							
		SW1010					Analyst: MAS
Ignitability	180	0	>	°F		1	7/21/2008 8:00 AM
LABORATORY HYDROGEN ION (PH)							
		SW9045D			(SW9045D)		Analyst: CG
pH	9.42	0.01		pH Units	102049	1	7/21/2008 1:00 PM

Qualifiers:	* Value exceeds Maximum Contaminant Level	E Estimated (Value above quantitation range)
BRL	Below Reporting Limit	S Surrogate Recovery outside accepted recovery limits
H	Holding times for preparation or analysis exceeded	Narr See Case Narrative
N	Analyte not NELAC certified	NC Not Confirmed
B	Analyte detected in the associated Method Blank	

Analytical Environmental Services, Inc.

Date: 24-Jul-08

CLIENT: TN and Associates

Client Sample ID: DRUM 2

Project: Tuscaloosa ER

Collection Date: 7/15/2008 10:55:00 AM

Lab ID: 0807A92-002

Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
CHLORINATED PESTICIDES, TARGET COMPOUN		SW8081A		(SW3580)			Analyst: MM
4,4'-DDD	BRL	0.093		mg/Kg	101968	1	7/21/2008 10:43 PM
4,4'-DDE	BRL	0.093		mg/Kg	101968	1	7/21/2008 10:43 PM
4,4'-DDT	BRL	0.093		mg/Kg	101968	1	7/21/2008 10:43 PM
Aldrin	BRL	0.047		mg/Kg	101968	1	7/21/2008 10:43 PM
alpha-BHC	BRL	0.047		mg/Kg	101968	1	7/21/2008 10:43 PM
alpha-Chlordane	BRL	0.047		mg/Kg	101968	1	7/21/2008 10:43 PM
beta-BHC	BRL	0.047		mg/Kg	101968	1	7/21/2008 10:43 PM
Chlordane	BRL	4.7		mg/Kg	101968	1	7/21/2008 10:43 PM
delta-BHC	BRL	0.047		mg/Kg	101968	1	7/21/2008 10:43 PM
Dieldrin	BRL	0.093		mg/Kg	101968	1	7/21/2008 10:43 PM
Endosulfan I	BRL	0.047		mg/Kg	101968	1	7/21/2008 10:43 PM
Endosulfan II	BRL	0.093		mg/Kg	101968	1	7/21/2008 10:43 PM
Endosulfan sulfate	BRL	0.093		mg/Kg	101968	1	7/21/2008 10:43 PM
Endrin	BRL	0.093		mg/Kg	101968	1	7/21/2008 10:43 PM
Endrin aldehyde	BRL	0.093		mg/Kg	101968	1	7/21/2008 10:43 PM
Endrin ketone	BRL	0.093		mg/Kg	101968	1	7/21/2008 10:43 PM
gamma-BHC	BRL	0.047		mg/Kg	101968	1	7/21/2008 10:43 PM
gamma-Chlordane	BRL	0.047		mg/Kg	101968	1	7/21/2008 10:43 PM
Heptachlor	BRL	0.047		mg/Kg	101968	1	7/21/2008 10:43 PM
Heptachlor epoxide	BRL	0.047		mg/Kg	101968	1	7/21/2008 10:43 PM
Methoxychlor	BRL	0.47		mg/Kg	101968	1	7/21/2008 10:43 PM
Toxaphene	BRL	4.7		mg/Kg	101968	1	7/21/2008 10:43 PM
Surr: Decachlorobiphenyl	87.7	30-150		%REC	101968	1	7/21/2008 10:43 PM
Surr: Tetrachloro-m-xylene	133	30-150		%REC	101968	1	7/21/2008 10:43 PM
POLYCHLORINATED BIPHENYLS		SW8082		(SW3580)			Analyst: MM
Aroclor 1016	BRL	0.93		mg/Kg	101967	1	7/21/2008 10:43 PM
Aroclor 1221	BRL	0.93		mg/Kg	101967	1	7/21/2008 10:43 PM
Aroclor 1232	BRL	0.93		mg/Kg	101967	1	7/21/2008 10:43 PM
Aroclor 1242	BRL	0.93		mg/Kg	101967	1	7/21/2008 10:43 PM
Aroclor 1248	BRL	0.93		mg/Kg	101967	1	7/21/2008 10:43 PM
Aroclor 1254	BRL	0.93		mg/Kg	101967	1	7/21/2008 10:43 PM
Aroclor 1260	BRL	0.93		mg/Kg	101967	1	7/21/2008 10:43 PM
Surr: Decachlorobiphenyl	69.2	17.5-197		%REC	101967	1	7/21/2008 10:43 PM
Surr: Tetrachloro-m-xylene	117	10.7-172		%REC	101967	1	7/21/2008 10:43 PM
CHLORINATED HERBICIDES		SW8151A		(SW3580)			Analyst: EI
2,4,5-T	BRL	9300		ug/Kg	101966	5	7/22/2008 12:19 PM
2,4,5-TP (Silvex)	BRL	9300		ug/Kg	101966	5	7/22/2008 12:19 PM
2,4-D	BRL	9300		ug/Kg	101966	5	7/22/2008 12:19 PM
2,4-DB	BRL	23000		ug/Kg	101966	5	7/22/2008 12:19 PM
Dalapon	BRL	23000		ug/Kg	101966	5	7/22/2008 12:19 PM

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- BRL Below Reporting Limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated Method Blank

- E Estimated (Value above quantitation range)
- S Surrogate Recovery outside accepted recovery limits
- Narr See Case Narrative
- NC Not Confirmed

Analytical Environmental Services, Inc.

Date: 24-Jul-08

CLIENT: TN and Associates
Project: Tuscaloosa ER
Lab ID: 0807A92-002

Client Sample ID: DRUM 2
Collection Date: 7/15/2008 10:55:00 AM
Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
CHLORINATED HERBICIDES							
		SW8151A			(SW3580)		Analyst: EI
Dicamba	BRL	9300		ug/Kg	101966	5	7/22/2008 12:19 PM
Dichlorprop	BRL	9300		ug/Kg	101966	5	7/22/2008 12:19 PM
Dinoseb	BRL	23000		ug/Kg	101966	5	7/22/2008 12:19 PM
MCPA	BRL	2300000		ug/Kg	101966	5	7/22/2008 12:19 PM
MCPP	BRL	2300000		ug/Kg	101966	5	7/22/2008 12:19 PM
Surr: DCAA	52.3	20-127		%REC	101966	5	7/22/2008 12:19 PM
METALS, TOTAL							
		SW6010B			(SW3050B)		Analyst: DJ
Arsenic	BRL	4.5		mg/Kg	101907	1	7/17/2008 1:09 PM
Barium	BRL	4.5		mg/Kg	101907	1	7/17/2008 1:09 PM
Cadmium	BRL	2.2		mg/Kg	101907	1	7/17/2008 1:09 PM
Chromium	BRL	2.2		mg/Kg	101907	1	7/17/2008 1:09 PM
Lead	BRL	4.5		mg/Kg	101907	1	7/17/2008 1:09 PM
Selenium	BRL	4.5		mg/Kg	101907	1	7/17/2008 1:09 PM
Silver	BRL	2.2		mg/Kg	101907	1	7/17/2008 1:09 PM
TOTAL MERCURY - WASTE							
		SW7471A			(SW7471)		Analyst: TAA
Mercury	BRL	0.0984		mg/Kg	102029	1	7/21/2008 6:36 PM
TCL-SEMIVOLATILE ORGANICS							
		SW8270C			(SW3580)		Analyst: YH
1,1'-Biphenyl	BRL	470		mg/Kg	101965	5	7/19/2008 12:15 AM
2,4,5-Trichlorophenol	BRL	2400		mg/Kg	101965	5	7/19/2008 12:15 AM
2,4,6-Trichlorophenol	BRL	470		mg/Kg	101965	5	7/19/2008 12:15 AM
2,4-Dichlorophenol	BRL	470		mg/Kg	101965	5	7/19/2008 12:15 AM
2,4-Dimethylphenol	BRL	470		mg/Kg	101965	5	7/19/2008 12:15 AM
2,4-Dinitrophenol	BRL	2400		mg/Kg	101965	5	7/19/2008 12:15 AM
2,4-Dinitrotoluene	BRL	470		mg/Kg	101965	5	7/19/2008 12:15 AM
2,6-Dinitrotoluene	BRL	470		mg/Kg	101965	5	7/19/2008 12:15 AM
2-Chloronaphthalene	BRL	470		mg/Kg	101965	5	7/19/2008 12:15 AM
2-Chlorophenol	BRL	470		mg/Kg	101965	5	7/19/2008 12:15 AM
2-Methylnaphthalene	BRL	470		mg/Kg	101965	5	7/19/2008 12:15 AM
2-Methylphenol	BRL	470		mg/Kg	101965	5	7/19/2008 12:15 AM
2-Nitroaniline	BRL	2400		mg/Kg	101965	5	7/19/2008 12:15 AM
2-Nitrophenol	BRL	470		mg/Kg	101965	5	7/19/2008 12:15 AM
3,3'-Dichlorobenzidine	BRL	3200		mg/Kg	101965	5	7/19/2008 12:15 AM
3-Nitroaniline	BRL	2400		mg/Kg	101965	5	7/19/2008 12:15 AM
4,6-Dinitro-2-methylphenol	BRL	2400		mg/Kg	101965	5	7/19/2008 12:15 AM
4-Bromophenyl phenyl ether	BRL	470		mg/Kg	101965	5	7/19/2008 12:15 AM
4-Chloro-3-methylphenol	BRL	470		mg/Kg	101965	5	7/19/2008 12:15 AM
4-Chloroaniline	BRL	470		mg/Kg	101965	5	7/19/2008 12:15 AM
4-Chlorophenyl phenyl ether	BRL	470		mg/Kg	101965	5	7/19/2008 12:15 AM
4-Methylphenol	BRL	470		mg/Kg	101965	5	7/19/2008 12:15 AM
4-Nitroaniline	BRL	2400		mg/Kg	101965	5	7/19/2008 12:15 AM

Qualifiers:	*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
	BRL	Below Reporting Limit	S	Surrogate Recovery outside accepted recovery limits
	H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
	N	Analyte not NELAC certified	NC	Not Confirmed
	B	Analyte detected in the associated Method Blank		

Analytical Environmental Services, Inc.

Date: 24-Jul-08

CLIENT: TN and Associates

Client Sample ID: DRUM 2

Project: Tuscaloosa ER

Collection Date: 7/15/2008 10:55:00 AM

Lab ID: 0807A92-002

Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
TCL-SEMIVOLATILE ORGANICS		SW8270C		(SW3580)	Analyst: YH		
4-Nitrophenol	BRL	2400		mg/Kg	101965	5	7/19/2008 12:15 AM
Acenaphthene	BRL	470		mg/Kg	101965	5	7/19/2008 12:15 AM
Acenaphthylene	BRL	470		mg/Kg	101965	5	7/19/2008 12:15 AM
Acetophenone	BRL	470		mg/Kg	101965	5	7/19/2008 12:15 AM
Anthracene	BRL	470		mg/Kg	101965	5	7/19/2008 12:15 AM
Atrazine	BRL	470		mg/Kg	101965	5	7/19/2008 12:15 AM
Benz(a)anthracene	BRL	470		mg/Kg	101965	5	7/19/2008 12:15 AM
Benzaldehyde	BRL	470		mg/Kg	101965	5	7/19/2008 12:15 AM
Benzo(a)pyrene	BRL	470		mg/Kg	101965	5	7/19/2008 12:15 AM
Benzo(b)fluoranthene	BRL	470		mg/Kg	101965	5	7/19/2008 12:15 AM
Benzo(g,h,i)perylene	BRL	470		mg/Kg	101965	5	7/19/2008 12:15 AM
Benzo(k)fluoranthene	BRL	470		mg/Kg	101965	5	7/19/2008 12:15 AM
Bis(2-chloroethoxy)methane	BRL	470		mg/Kg	101965	5	7/19/2008 12:15 AM
Bis(2-chloroethyl)ether	BRL	470		mg/Kg	101965	5	7/19/2008 12:15 AM
Bis(2-chloroisopropyl)ether	BRL	470		mg/Kg	101965	5	7/19/2008 12:15 AM
Bis(2-ethylhexyl)phthalate	BRL	470		mg/Kg	101965	5	7/19/2008 12:15 AM
Butyl benzyl phthalate	BRL	470		mg/Kg	101965	5	7/19/2008 12:15 AM
Caprolactam	BRL	470		mg/Kg	101965	5	7/19/2008 12:15 AM
Carbazole	BRL	470		mg/Kg	101965	5	7/19/2008 12:15 AM
Chrysene	BRL	470		mg/Kg	101965	5	7/19/2008 12:15 AM
Dibenz(a,h)anthracene	BRL	470		mg/Kg	101965	5	7/19/2008 12:15 AM
Dibenzofuran	BRL	470		mg/Kg	101965	5	7/19/2008 12:15 AM
Diethyl phthalate	BRL	470		mg/Kg	101965	5	7/19/2008 12:15 AM
Dimethyl phthalate	BRL	470		mg/Kg	101965	5	7/19/2008 12:15 AM
Di-n-butyl phthalate	BRL	470		mg/Kg	101965	5	7/19/2008 12:15 AM
Di-n-octyl phthalate	BRL	470		mg/Kg	101965	5	7/19/2008 12:15 AM
Fluoranthene	BRL	470		mg/Kg	101965	5	7/19/2008 12:15 AM
Fluorene	BRL	470		mg/Kg	101965	5	7/19/2008 12:15 AM
Hexachlorobenzene	BRL	470		mg/Kg	101965	5	7/19/2008 12:15 AM
Hexachlorobutadiene	BRL	470		mg/Kg	101965	5	7/19/2008 12:15 AM
Hexachlorocyclopentadiene	BRL	470		mg/Kg	101965	5	7/19/2008 12:15 AM
Hexachloroethane	BRL	470		mg/Kg	101965	5	7/19/2008 12:15 AM
Indeno(1,2,3-cd)pyrene	BRL	470		mg/Kg	101965	5	7/19/2008 12:15 AM
Isophorone	BRL	470		mg/Kg	101965	5	7/19/2008 12:15 AM
Naphthalene	BRL	470		mg/Kg	101965	5	7/19/2008 12:15 AM
Nitrobenzene	BRL	470		mg/Kg	101965	5	7/19/2008 12:15 AM
N-Nitrosodi-n-propylamine	BRL	470		mg/Kg	101965	5	7/19/2008 12:15 AM
N-Nitrosodiphenylamine	BRL	470		mg/Kg	101965	5	7/19/2008 12:15 AM
Pentachlorophenol	BRL	2400		mg/Kg	101965	5	7/19/2008 12:15 AM
Phenanthrene	BRL	470		mg/Kg	101965	5	7/19/2008 12:15 AM
Phenol	BRL	470		mg/Kg	101965	5	7/19/2008 12:15 AM

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- BRL Below Reporting Limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated Method Blank

- E Estimated (Value above quantitation range)
- S Surrogate Recovery outside accepted recovery limits
- Narr See Case Narrative
- NC Not Confirmed

Analytical Environmental Services, Inc.

Date: 24-Jul-08

CLIENT: TN and Associates

Client Sample ID: DRUM 2

Project: Tuscaloosa ER

Collection Date: 7/15/2008 10:55:00 AM

Lab ID: 0807A92-002

Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
TCL-SEMIVOLATILE ORGANICS							
		SW8270C			(SW3580)		Analyst: YH
Pyrene	BRL	470		mg/Kg	101965	5	7/19/2008 12:15 AM
Surr: 2,4,6-Tribromophenol	94.9	52.2-161		%REC	101965	5	7/19/2008 12:15 AM
Surr: 2-Fluorobiphenyl	94.2	65.4-139		%REC	101965	5	7/19/2008 12:15 AM
Surr: 2-Fluorophenol	76.6	44-152		%REC	101965	5	7/19/2008 12:15 AM
Surr: 4-Terphenyl-d14	49.9	56-140	S	%REC	101965	5	7/19/2008 12:15 AM
Surr: Nitrobenzene-d5	83.1	49.8-149		%REC	101965	5	7/19/2008 12:15 AM
Surr: Phenol-d5	79.2	45.3-148		%REC	101965	5	7/19/2008 12:15 AM
TCL VOLATILE ORGANICS							
		SW8260B			(SW5035)		Analyst: NWH
1,1,1-Trichloroethane	BRL	2300		ug/Kg	102134	50	7/23/2008 3:10 PM
1,1,2,2-Tetrachloroethane	BRL	2300		ug/Kg	102134	50	7/23/2008 3:10 PM
1,1,2-Trichloroethane	BRL	2300		ug/Kg	102134	50	7/23/2008 3:10 PM
1,1-Dichloroethane	BRL	2300		ug/Kg	102134	50	7/23/2008 3:10 PM
1,1-Dichloroethene	BRL	2300		ug/Kg	102134	50	7/23/2008 3:10 PM
1,2,4-Trichlorobenzene	BRL	2300		ug/Kg	102134	50	7/23/2008 3:10 PM
1,2-Dibromo-3-chloropropane	BRL	2300		ug/Kg	102134	50	7/23/2008 3:10 PM
1,2-Dibromoethane	BRL	2300		ug/Kg	102134	50	7/23/2008 3:10 PM
1,2-Dichlorobenzene	BRL	2300		ug/Kg	102134	50	7/23/2008 3:10 PM
1,2-Dichloroethane	BRL	2300		ug/Kg	102134	50	7/23/2008 3:10 PM
1,2-Dichloropropane	BRL	2300		ug/Kg	102134	50	7/23/2008 3:10 PM
1,3-Dichlorobenzene	BRL	2300		ug/Kg	102134	50	7/23/2008 3:10 PM
1,4-Dichlorobenzene	BRL	2300		ug/Kg	102134	50	7/23/2008 3:10 PM
2-Butanone	BRL	23000		ug/Kg	102134	50	7/23/2008 3:10 PM
2-Hexanone	BRL	4700		ug/Kg	102134	50	7/23/2008 3:10 PM
4-Methyl-2-pentanone	BRL	4700		ug/Kg	102134	50	7/23/2008 3:10 PM
Acetone	BRL	23000		ug/Kg	102134	50	7/23/2008 3:10 PM
Benzene	BRL	2300		ug/Kg	102134	50	7/23/2008 3:10 PM
Bromodichloromethane	BRL	2300		ug/Kg	102134	50	7/23/2008 3:10 PM
Bromoform	BRL	2300		ug/Kg	102134	50	7/23/2008 3:10 PM
Bromomethane	BRL	2300		ug/Kg	102134	50	7/23/2008 3:10 PM
Carbon disulfide	BRL	4700		ug/Kg	102134	50	7/23/2008 3:10 PM
Carbon tetrachloride	BRL	2300		ug/Kg	102134	50	7/23/2008 3:10 PM
Chlorobenzene	BRL	2300		ug/Kg	102134	50	7/23/2008 3:10 PM
Chloroethane	BRL	4700		ug/Kg	102134	50	7/23/2008 3:10 PM
Chloroform	BRL	2300		ug/Kg	102134	50	7/23/2008 3:10 PM
Chloromethane	BRL	4700		ug/Kg	102134	50	7/23/2008 3:10 PM
cis-1,2-Dichloroethene	BRL	2300		ug/Kg	102134	50	7/23/2008 3:10 PM
cis-1,3-Dichloropropene	BRL	2300		ug/Kg	102134	50	7/23/2008 3:10 PM
Cyclohexane	BRL	2300		ug/Kg	102134	50	7/23/2008 3:10 PM
Dibromochloromethane	BRL	2300		ug/Kg	102134	50	7/23/2008 3:10 PM
Dichlorodifluoromethane	BRL	4700		ug/Kg	102134	50	7/23/2008 3:10 PM
Ethylbenzene	BRL	2300		ug/Kg	102134	50	7/23/2008 3:10 PM

Qualifiers: * Value exceeds Maximum Contaminant Level
 BRL Below Reporting Limit
 H Holding times for preparation or analysis exceeded
 N Analyte not NELAC certified
 B Analyte detected in the associated Method Blank

E Estimated (Value above quantitation range)
 S Surrogate Recovery outside accepted recovery limits
 Narr See Case Narrative
 NC Not Confirmed

Analytical Environmental Services, Inc.

Date: 24-Jul-08

CLIENT: TN and Associates

Client Sample ID: DRUM 2

Project: Tuscaloosa ER

Collection Date: 7/15/2008 10:55:00 AM

Lab ID: 0807A92-002

Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
TCL VOLATILE ORGANICS							
		SW8260B			(SW5035)		Analyst: NWH
Freon-113	BRL	4700		ug/Kg	102134	50	7/23/2008 3:10 PM
Isopropylbenzene	BRL	2300		ug/Kg	102134	50	7/23/2008 3:10 PM
m,p-Xylene	BRL	4700		ug/Kg	102134	50	7/23/2008 3:10 PM
Methyl acetate	BRL	2300		ug/Kg	102134	50	7/23/2008 3:10 PM
Methyl tert-butyl ether	BRL	2300		ug/Kg	102134	50	7/23/2008 3:10 PM
Methylcyclohexane	BRL	2300		ug/Kg	102134	50	7/23/2008 3:10 PM
Methylene chloride	BRL	2300		ug/Kg	102134	50	7/23/2008 3:10 PM
o-Xylene	BRL	2300		ug/Kg	102134	50	7/23/2008 3:10 PM
Styrene	BRL	2300		ug/Kg	102134	50	7/23/2008 3:10 PM
Tetrachloroethene	BRL	2300		ug/Kg	102134	50	7/23/2008 3:10 PM
Toluene	BRL	2300		ug/Kg	102134	50	7/23/2008 3:10 PM
trans-1,2-Dichloroethene	BRL	2300		ug/Kg	102134	50	7/23/2008 3:10 PM
trans-1,3-Dichloropropene	BRL	2300		ug/Kg	102134	50	7/23/2008 3:10 PM
Trichloroethene	BRL	2300		ug/Kg	102134	50	7/23/2008 3:10 PM
Trichlorofluoromethane	BRL	2300		ug/Kg	102134	50	7/23/2008 3:10 PM
Vinyl chloride	BRL	4700		ug/Kg	102134	50	7/23/2008 3:10 PM
Surr: 4-Bromofluorobenzene	84.9	57.7-127		%REC	102134	50	7/23/2008 3:10 PM
Surr: Dibromofluoromethane	84.9	61.7-143		%REC	102134	50	7/23/2008 3:10 PM
Surr: Toluene-d8	91.1	73-127		%REC	102134	50	7/23/2008 3:10 PM
IGNITABILITY							
		SW1010					Analyst: MAS
Ignitability	180	0	>	°F		1	7/22/2008 9:00 AM
LABORATORY HYDROGEN ION (PH)							
		SW9045D			(SW9045D)		Analyst: CG
pH	4.21	0.01		pH Units	102049	1	7/21/2008 1:00 PM

Qualifiers: * Value exceeds Maximum Contaminant Level
 BRL Below Reporting Limit
 H Holding times for preparation or analysis exceeded
 N Analyte not NELAC certified
 B Analyte detected in the associated Method Blank

E Estimated (Value above quantitation range)
 S Surrogate Recovery outside accepted recovery limits
 Narr See Case Narrative
 NC Not Confirmed

Analytical Environmental Services, Inc.

Date: 24-Jul-08

CLIENT: TN and Associates

Client Sample ID: DRUM 3

Project: Tuscaloosa ER

Collection Date: 7/15/2008 11:00:00 AM

Lab ID: 0807A92-003

Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
CHLORINATED PESTICIDES, TARGET COMPOUN				SW8081A	(SW3580)	Analyst: MM	
4,4'-DDD	BRL	0.095		mg/Kg	101968	1	7/21/2008 11:16 PM
4,4'-DDE	BRL	0.095		mg/Kg	101968	1	7/21/2008 11:16 PM
4,4'-DDT	BRL	0.095		mg/Kg	101968	1	7/21/2008 11:16 PM
Aldrin	BRL	0.048		mg/Kg	101968	1	7/21/2008 11:16 PM
alpha-BHC	BRL	0.048		mg/Kg	101968	1	7/21/2008 11:16 PM
alpha-Chlordane	BRL	0.048		mg/Kg	101968	1	7/21/2008 11:16 PM
beta-BHC	BRL	0.048		mg/Kg	101968	1	7/21/2008 11:16 PM
Chlordane	BRL	4.8		mg/Kg	101968	1	7/21/2008 11:16 PM
delta-BHC	BRL	0.048		mg/Kg	101968	1	7/21/2008 11:16 PM
Dieldrin	BRL	0.095		mg/Kg	101968	1	7/21/2008 11:16 PM
Endosulfan I	BRL	0.048		mg/Kg	101968	1	7/21/2008 11:16 PM
Endosulfan II	BRL	0.095		mg/Kg	101968	1	7/21/2008 11:16 PM
Endosulfan sulfate	BRL	0.095		mg/Kg	101968	1	7/21/2008 11:16 PM
Endrin	BRL	0.095		mg/Kg	101968	1	7/21/2008 11:16 PM
Endrin aldehyde	BRL	0.095		mg/Kg	101968	1	7/21/2008 11:16 PM
Endrin ketone	BRL	0.095		mg/Kg	101968	1	7/21/2008 11:16 PM
gamma-BHC	BRL	0.048		mg/Kg	101968	1	7/21/2008 11:16 PM
gamma-Chlordane	BRL	0.048		mg/Kg	101968	1	7/21/2008 11:16 PM
Heptachlor	BRL	0.048		mg/Kg	101968	1	7/21/2008 11:16 PM
Heptachlor epoxide	BRL	0.048		mg/Kg	101968	1	7/21/2008 11:16 PM
Methoxychlor	BRL	0.48		mg/Kg	101968	1	7/21/2008 11:16 PM
Toxaphene	BRL	4.8		mg/Kg	101968	1	7/21/2008 11:16 PM
Surr: Decachlorobiphenyl	67.5	30-150		%REC	101968	1	7/21/2008 11:16 PM
Surr: Tetrachloro-m-xylene	67.2	30-150		%REC	101968	1	7/21/2008 11:16 PM
POLYCHLORINATED BIPHENYLS				SW8082	(SW3580)	Analyst: MM	
Aroclor 1016	BRL	0.95		mg/Kg	101967	1	7/21/2008 11:16 PM
Aroclor 1221	BRL	0.95		mg/Kg	101967	1	7/21/2008 11:16 PM
Aroclor 1232	BRL	0.95		mg/Kg	101967	1	7/21/2008 11:16 PM
Aroclor 1242	BRL	0.95		mg/Kg	101967	1	7/21/2008 11:16 PM
Aroclor 1248	BRL	0.95		mg/Kg	101967	1	7/21/2008 11:16 PM
Aroclor 1254	BRL	0.95		mg/Kg	101967	1	7/21/2008 11:16 PM
Aroclor 1260	BRL	0.95		mg/Kg	101967	1	7/21/2008 11:16 PM
Surr: Decachlorobiphenyl	67.0	17.5-197		%REC	101967	1	7/21/2008 11:16 PM
Surr: Tetrachloro-m-xylene	57.9	10.7-172		%REC	101967	1	7/21/2008 11:16 PM
CHLORINATED HERBICIDES				SW8151A	(SW3580)	Analyst: EI	
2,4,5-T	BRL	9400		ug/Kg	101966	5	7/22/2008 2:14 PM
2,4,5-TP (Silvex)	BRL	9400		ug/Kg	101966	5	7/22/2008 2:14 PM
2,4-D	BRL	9400		ug/Kg	101966	5	7/22/2008 2:14 PM
2,4-DB	BRL	24000		ug/Kg	101966	5	7/22/2008 2:14 PM
Dalapon	BRL	24000		ug/Kg	101966	5	7/22/2008 2:14 PM

Qualifiers: * Value exceeds Maximum Contaminant Level
 BRL Below Reporting Limit
 H Holding times for preparation or analysis exceeded
 N Analyte not NELAC certified
 B Analyte detected in the associated Method Blank

E Estimated (Value above quantitation range)
 S Surrogate Recovery outside accepted recovery limits
 Narr See Case Narrative
 NC Not Confirmed

Analytical Environmental Services, Inc.

Date: 24-Jul-08

CLIENT: TN and Associates

Client Sample ID: DRUM 3

Project: Tuscaloosa ER

Collection Date: 7/15/2008 11:00:00 AM

Lab ID: 0807A92-003

Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
CHLORINATED HERBICIDES							
		SW8151A			(SW3580)		Analyst: EI
Dicamba	BRL	9400		ug/Kg	101966	5	7/22/2008 2:14 PM
Dichlorprop	BRL	9400		ug/Kg	101966	5	7/22/2008 2:14 PM
Dinoseb	BRL	24000		ug/Kg	101966	5	7/22/2008 2:14 PM
MCPA	BRL	2400000		ug/Kg	101966	5	7/22/2008 2:14 PM
MCPP	BRL	2400000		ug/Kg	101966	5	7/22/2008 2:14 PM
Surr: DCAA	49.0	20-127		%REC	101966	5	7/22/2008 2:14 PM
METALS, TOTAL							
		SW6010B			(SW3050B)		Analyst: DJ
Arsenic	BRL	3.6		mg/Kg	101907	1	7/17/2008 1:13 PM
Barium	BRL	3.6		mg/Kg	101907	1	7/17/2008 1:13 PM
Cadmium	BRL	1.8		mg/Kg	101907	1	7/17/2008 1:13 PM
Chromium	BRL	1.8		mg/Kg	101907	1	7/17/2008 1:13 PM
Lead	4.5	3.6		mg/Kg	101907	1	7/17/2008 1:13 PM
Selenium	BRL	3.6		mg/Kg	101907	1	7/17/2008 1:13 PM
Silver	BRL	1.8		mg/Kg	101907	1	7/17/2008 1:13 PM
TOTAL MERCURY - WASTE							
		SW7471A			(SW7471)		Analyst: TAA
Mercury	BRL	0.0996		mg/Kg	102029	1	7/21/2008 6:38 PM
TCL-SEMIVOLATILE ORGANICS							
		SW8270C			(SW3580)		Analyst: YH
1,1'-Biphenyl	BRL	96		mg/Kg	101965	1	7/19/2008 12:44 AM
2,4,5-Trichlorophenol	BRL	480		mg/Kg	101965	1	7/19/2008 12:44 AM
2,4,6-Trichlorophenol	BRL	96		mg/Kg	101965	1	7/19/2008 12:44 AM
2,4-Dichlorophenol	BRL	96		mg/Kg	101965	1	7/19/2008 12:44 AM
2,4-Dimethylphenol	BRL	96		mg/Kg	101965	1	7/19/2008 12:44 AM
2,4-Dinitrophenol	BRL	480		mg/Kg	101965	1	7/19/2008 12:44 AM
2,4-Dinitrotoluene	BRL	96		mg/Kg	101965	1	7/19/2008 12:44 AM
2,6-Dinitrotoluene	BRL	96		mg/Kg	101965	1	7/19/2008 12:44 AM
2-Chloronaphthalene	BRL	96		mg/Kg	101965	1	7/19/2008 12:44 AM
2-Chlorophenol	BRL	96		mg/Kg	101965	1	7/19/2008 12:44 AM
2-Methylnaphthalene	BRL	96		mg/Kg	101965	1	7/19/2008 12:44 AM
2-Methylphenol	BRL	96		mg/Kg	101965	1	7/19/2008 12:44 AM
2-Nitroaniline	BRL	480		mg/Kg	101965	1	7/19/2008 12:44 AM
2-Nitrophenol	BRL	96		mg/Kg	101965	1	7/19/2008 12:44 AM
3,3'-Dichlorobenzidine	BRL	640		mg/Kg	101965	1	7/19/2008 12:44 AM
3-Nitroaniline	BRL	480		mg/Kg	101965	1	7/19/2008 12:44 AM
4,6-Dinitro-2-methylphenol	BRL	480		mg/Kg	101965	1	7/19/2008 12:44 AM
4-Bromophenyl phenyl ether	BRL	96		mg/Kg	101965	1	7/19/2008 12:44 AM
4-Chloro-3-methylphenol	BRL	96		mg/Kg	101965	1	7/19/2008 12:44 AM
4-Chloroaniline	BRL	96		mg/Kg	101965	1	7/19/2008 12:44 AM
4-Chlorophenyl phenyl ether	BRL	96		mg/Kg	101965	1	7/19/2008 12:44 AM
4-Methylphenol	BRL	96		mg/Kg	101965	1	7/19/2008 12:44 AM
4-Nitroaniline	BRL	480		mg/Kg	101965	1	7/19/2008 12:44 AM

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- BRL Below Reporting Limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated Method Blank

- E Estimated (Value above quantitation range)
- S Surrogate Recovery outside accepted recovery limits
- Narr See Case Narrative
- NC Not Confirmed

Analytical Environmental Services, Inc.

Date: 24-Jul-08

CLIENT: TN and Associates
Project: Tuscaloosa ER
Lab ID: 0807A92-003

Client Sample ID: DRUM 3
Collection Date: 7/15/2008 11:00:00 AM
Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
TCL-SEMIVOLATILE ORGANICS		SW8270C		(SW3580)	Analyst: YH		
4-Nitrophenol	BRL	480		mg/Kg	101965	1	7/19/2008 12:44 AM
Acenaphthene	BRL	96		mg/Kg	101965	1	7/19/2008 12:44 AM
Acenaphthylene	BRL	96		mg/Kg	101965	1	7/19/2008 12:44 AM
Acetophenone	BRL	96		mg/Kg	101965	1	7/19/2008 12:44 AM
Anthracene	BRL	96		mg/Kg	101965	1	7/19/2008 12:44 AM
Atrazine	BRL	96		mg/Kg	101965	1	7/19/2008 12:44 AM
Benz(a)anthracene	BRL	96		mg/Kg	101965	1	7/19/2008 12:44 AM
Benzaldehyde	BRL	96		mg/Kg	101965	1	7/19/2008 12:44 AM
Benzo(a)pyrene	BRL	96		mg/Kg	101965	1	7/19/2008 12:44 AM
Benzo(b)fluoranthene	BRL	96		mg/Kg	101965	1	7/19/2008 12:44 AM
Benzo(g,h,i)perylene	BRL	96		mg/Kg	101965	1	7/19/2008 12:44 AM
Benzo(k)fluoranthene	BRL	96		mg/Kg	101965	1	7/19/2008 12:44 AM
Bis(2-chloroethoxy)methane	BRL	96		mg/Kg	101965	1	7/19/2008 12:44 AM
Bis(2-chloroethyl)ether	BRL	96		mg/Kg	101965	1	7/19/2008 12:44 AM
Bis(2-chloroisopropyl)ether	BRL	96		mg/Kg	101965	1	7/19/2008 12:44 AM
Bis(2-ethylhexyl)phthalate	BRL	96		mg/Kg	101965	1	7/19/2008 12:44 AM
Butyl benzyl phthalate	BRL	96		mg/Kg	101965	1	7/19/2008 12:44 AM
Caprolactam	BRL	96		mg/Kg	101965	1	7/19/2008 12:44 AM
Carbazole	BRL	96		mg/Kg	101965	1	7/19/2008 12:44 AM
Chrysene	BRL	96		mg/Kg	101965	1	7/19/2008 12:44 AM
Dibenz(a,h)anthracene	BRL	96		mg/Kg	101965	1	7/19/2008 12:44 AM
Dibenzofuran	BRL	96		mg/Kg	101965	1	7/19/2008 12:44 AM
Diethyl phthalate	BRL	96		mg/Kg	101965	1	7/19/2008 12:44 AM
Dimethyl phthalate	BRL	96		mg/Kg	101965	1	7/19/2008 12:44 AM
Di-n-butyl phthalate	BRL	96		mg/Kg	101965	1	7/19/2008 12:44 AM
Di-n-octyl phthalate	BRL	96		mg/Kg	101965	1	7/19/2008 12:44 AM
Fluoranthene	BRL	96		mg/Kg	101965	1	7/19/2008 12:44 AM
Fluorene	BRL	96		mg/Kg	101965	1	7/19/2008 12:44 AM
Hexachlorobenzene	BRL	96		mg/Kg	101965	1	7/19/2008 12:44 AM
Hexachlorobutadiene	BRL	96		mg/Kg	101965	1	7/19/2008 12:44 AM
Hexachlorocyclopentadiene	BRL	96		mg/Kg	101965	1	7/19/2008 12:44 AM
Hexachloroethane	BRL	96		mg/Kg	101965	1	7/19/2008 12:44 AM
Indeno(1,2,3-cd)pyrene	BRL	96		mg/Kg	101965	1	7/19/2008 12:44 AM
Isophorone	BRL	96		mg/Kg	101965	1	7/19/2008 12:44 AM
Naphthalene	BRL	96		mg/Kg	101965	1	7/19/2008 12:44 AM
Nitrobenzene	BRL	96		mg/Kg	101965	1	7/19/2008 12:44 AM
N-Nitrosodi-n-propylamine	BRL	96		mg/Kg	101965	1	7/19/2008 12:44 AM
N-Nitrosodiphenylamine	BRL	96		mg/Kg	101965	1	7/19/2008 12:44 AM
Pentachlorophenol	BRL	480		mg/Kg	101965	1	7/19/2008 12:44 AM
Phenanthrene	BRL	96		mg/Kg	101965	1	7/19/2008 12:44 AM
Phenol	BRL	96		mg/Kg	101965	1	7/19/2008 12:44 AM

Qualifiers: * Value exceeds Maximum Contaminant Level
BRL Below Reporting Limit
H Holding times for preparation or analysis exceeded
N Analyte not NELAC certified
B Analyte detected in the associated Method Blank

E Estimated (Value above quantitation range)
S Surrogate Recovery outside accepted recovery limits
Narr See Case Narrative
NC Not Confirmed

Analytical Environmental Services, Inc.

Date: 24-Jul-08

CLIENT: TN and Associates
Project: Tuscaloosa ER
Lab ID: 0807A92-003

Client Sample ID: DRUM 3
Collection Date: 7/15/2008 11:00:00 AM
Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
TCL-SEMIVOLATILE ORGANICS							
		SW8270C			(SW3580)		Analyst: YH
Pyrene	BRL	96		mg/Kg	101965	1	7/19/2008 12:44 AM
Surr: 2,4,6-Tribromophenol	103	52.2-161		%REC	101965	1	7/19/2008 12:44 AM
Surr: 2-Fluorobiphenyl	100	65.4-139		%REC	101965	1	7/19/2008 12:44 AM
Surr: 2-Fluorophenol	94.2	44-152		%REC	101965	1	7/19/2008 12:44 AM
Surr: 4-Terphenyl-d14	107	56-140		%REC	101965	1	7/19/2008 12:44 AM
Surr: Nitrobenzene-d5	97.5	49.8-149		%REC	101965	1	7/19/2008 12:44 AM
Surr: Phenol-d5	96.6	45.3-148		%REC	101965	1	7/19/2008 12:44 AM
TCL VOLATILE ORGANICS							
		SW8260B			(SW5035)		Analyst: NWH
1,1,1-Trichloroethane	BRL	2500		ug/Kg	102134	50	7/22/2008 6:44 PM
1,1,2,2-Tetrachloroethane	BRL	2500		ug/Kg	102134	50	7/22/2008 6:44 PM
1,1,2-Trichloroethane	BRL	2500		ug/Kg	102134	50	7/22/2008 6:44 PM
1,1-Dichloroethane	BRL	2500		ug/Kg	102134	50	7/22/2008 6:44 PM
1,1-Dichloroethene	BRL	2500		ug/Kg	102134	50	7/22/2008 6:44 PM
1,2,4-Trichlorobenzene	BRL	2500		ug/Kg	102134	50	7/22/2008 6:44 PM
1,2-Dibromo-3-chloropropane	BRL	2500		ug/Kg	102134	50	7/22/2008 6:44 PM
1,2-Dibromoethane	BRL	2500		ug/Kg	102134	50	7/22/2008 6:44 PM
1,2-Dichlorobenzene	BRL	2500		ug/Kg	102134	50	7/22/2008 6:44 PM
1,2-Dichloroethane	BRL	2500		ug/Kg	102134	50	7/22/2008 6:44 PM
1,2-Dichloropropane	BRL	2500		ug/Kg	102134	50	7/22/2008 6:44 PM
1,3-Dichlorobenzene	BRL	2500		ug/Kg	102134	50	7/22/2008 6:44 PM
1,4-Dichlorobenzene	BRL	2500		ug/Kg	102134	50	7/22/2008 6:44 PM
2-Butanone	BRL	25000		ug/Kg	102134	50	7/22/2008 6:44 PM
2-Hexanone	BRL	5000		ug/Kg	102134	50	7/22/2008 6:44 PM
4-Methyl-2-pentanone	BRL	5000		ug/Kg	102134	50	7/22/2008 6:44 PM
Acetone	BRL	25000		ug/Kg	102134	50	7/22/2008 6:44 PM
Benzene	BRL	2500		ug/Kg	102134	50	7/22/2008 6:44 PM
Bromodichloromethane	BRL	2500		ug/Kg	102134	50	7/22/2008 6:44 PM
Bromoform	BRL	2500		ug/Kg	102134	50	7/22/2008 6:44 PM
Bromomethane	BRL	2500		ug/Kg	102134	50	7/22/2008 6:44 PM
Carbon disulfide	BRL	5000		ug/Kg	102134	50	7/22/2008 6:44 PM
Carbon tetrachloride	BRL	2500		ug/Kg	102134	50	7/22/2008 6:44 PM
Chlorobenzene	BRL	2500		ug/Kg	102134	50	7/22/2008 6:44 PM
Chloroethane	BRL	5000		ug/Kg	102134	50	7/22/2008 6:44 PM
Chloroform	BRL	2500		ug/Kg	102134	50	7/22/2008 6:44 PM
Chloromethane	BRL	5000		ug/Kg	102134	50	7/22/2008 6:44 PM
cis-1,2-Dichloroethene	BRL	2500		ug/Kg	102134	50	7/22/2008 6:44 PM
cis-1,3-Dichloropropene	BRL	2500		ug/Kg	102134	50	7/22/2008 6:44 PM
Cyclohexane	BRL	2500		ug/Kg	102134	50	7/22/2008 6:44 PM
Dibromochloromethane	BRL	2500		ug/Kg	102134	50	7/22/2008 6:44 PM
Dichlorodifluoromethane	BRL	5000		ug/Kg	102134	50	7/22/2008 6:44 PM
Ethylbenzene	BRL	2500		ug/Kg	102134	50	7/22/2008 6:44 PM

Qualifiers:	* Value exceeds Maximum Contaminant Level	E Estimated (Value above quantitation range)
	BRL Below Reporting Limit	S Surrogate Recovery outside accepted recovery limits
	H Holding times for preparation or analysis exceeded	Narr See Case Narrative
	N Analyte not NELAC certified	NC Not Confirmed
	B Analyte detected in the associated Method Blank	

Analytical Environmental Services, Inc.

Date: 24-Jul-08

CLIENT: TN and Associates

Client Sample ID: DRUM 3

Project: Tuscaloosa ER

Collection Date: 7/15/2008 11:00:00 AM

Lab ID: 0807A92-003

Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
TCL VOLATILE ORGANICS							
		SW8260B			(SW5035)		Analyst: NWH
Freon-113	BRL	5000		ug/Kg	102134	50	7/22/2008 6:44 PM
Isopropylbenzene	BRL	2500		ug/Kg	102134	50	7/22/2008 6:44 PM
m,p-Xylene	BRL	5000		ug/Kg	102134	50	7/22/2008 6:44 PM
Methyl acetate	BRL	2500		ug/Kg	102134	50	7/22/2008 6:44 PM
Methyl tert-butyl ether	BRL	2500		ug/Kg	102134	50	7/22/2008 6:44 PM
Methylcyclohexane	BRL	2500		ug/Kg	102134	50	7/22/2008 6:44 PM
Methylene chloride	BRL	2500		ug/Kg	102134	50	7/22/2008 6:44 PM
o-Xylene	BRL	2500		ug/Kg	102134	50	7/22/2008 6:44 PM
Styrene	BRL	2500		ug/Kg	102134	50	7/22/2008 6:44 PM
Tetrachloroethene	BRL	2500		ug/Kg	102134	50	7/22/2008 6:44 PM
Toluene	BRL	2500		ug/Kg	102134	50	7/22/2008 6:44 PM
trans-1,2-Dichloroethene	BRL	2500		ug/Kg	102134	50	7/22/2008 6:44 PM
trans-1,3-Dichloropropene	BRL	2500		ug/Kg	102134	50	7/22/2008 6:44 PM
Trichloroethene	BRL	2500		ug/Kg	102134	50	7/22/2008 6:44 PM
Trichlorofluoromethane	BRL	2500		ug/Kg	102134	50	7/22/2008 6:44 PM
Vinyl chloride	BRL	5000		ug/Kg	102134	50	7/22/2008 6:44 PM
Surr: 4-Bromofluorobenzene	94.0	57.7-127		%REC	102134	50	7/22/2008 6:44 PM
Surr: Dibromofluoromethane	86.7	61.7-143		%REC	102134	50	7/22/2008 6:44 PM
Surr: Toluene-d8	89.8	73-127		%REC	102134	50	7/22/2008 6:44 PM
IGNITABILITY							
		SW1010					Analyst: MAS
Ignitability	180	0	>	°F		1	7/22/2008 9:00 AM
LABORATORY HYDROGEN ION (PH)							
		SW9045D			(SW9045D)		Analyst: CG
pH	5.80	0.01		pH Units	102049	1	7/21/2008 1:00 PM

Qualifiers: *

- BRL Value exceeds Maximum Contaminant Level
- H Below Reporting Limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated Method Blank

- E Estimated (Value above quantitation range)
- S Surrogate Recovery outside accepted recovery limits
- Narr See Case Narrative
- NC Not Confirmed

Analytical Environmental Services, Inc.

Date: 24-Jul-08

CLIENT: TN and Associates

Client Sample ID: TAR 1

Project: Tuscaloosa ER

Collection Date: 7/15/2008 11:45:00 AM

Lab ID: 0807A92-004

Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
CHLORINATED PESTICIDES, TARGET COMPOUN		SW8081A		(SW3580)			Analyst: MM
4,4'-DDD	BRL	0.095		mg/Kg	101968	1	7/21/2008 11:27 PM
4,4'-DDE	BRL	0.095		mg/Kg	101968	1	7/21/2008 11:27 PM
4,4'-DDT	BRL	0.095		mg/Kg	101968	1	7/21/2008 11:27 PM
Aldrin	BRL	0.048		mg/Kg	101968	1	7/21/2008 11:27 PM
alpha-BHC	BRL	0.048		mg/Kg	101968	1	7/21/2008 11:27 PM
alpha-Chlordane	BRL	0.048		mg/Kg	101968	1	7/21/2008 11:27 PM
beta-BHC	BRL	0.048		mg/Kg	101968	1	7/21/2008 11:27 PM
Chlordane	BRL	4.8		mg/Kg	101968	1	7/21/2008 11:27 PM
delta-BHC	BRL	0.048		mg/Kg	101968	1	7/21/2008 11:27 PM
Dieldrin	BRL	0.095		mg/Kg	101968	1	7/21/2008 11:27 PM
Endosulfan I	BRL	0.048		mg/Kg	101968	1	7/21/2008 11:27 PM
Endosulfan II	BRL	0.095		mg/Kg	101968	1	7/21/2008 11:27 PM
Endosulfan sulfate	BRL	0.095		mg/Kg	101968	1	7/21/2008 11:27 PM
Endrin	BRL	0.095		mg/Kg	101968	1	7/21/2008 11:27 PM
Endrin aldehyde	BRL	0.095		mg/Kg	101968	1	7/21/2008 11:27 PM
Endrin ketone	BRL	0.095		mg/Kg	101968	1	7/21/2008 11:27 PM
gamma-BHC	BRL	0.048		mg/Kg	101968	1	7/21/2008 11:27 PM
gamma-Chlordane	BRL	0.048		mg/Kg	101968	1	7/21/2008 11:27 PM
Heptachlor	BRL	0.048		mg/Kg	101968	1	7/21/2008 11:27 PM
Heptachlor epoxide	BRL	0.048		mg/Kg	101968	1	7/21/2008 11:27 PM
Methoxychlor	BRL	0.48		mg/Kg	101968	1	7/21/2008 11:27 PM
Toxaphene	BRL	4.8		mg/Kg	101968	1	7/21/2008 11:27 PM
Surr: Decachlorobiphenyl	60.1	30-150		%REC	101968	1	7/21/2008 11:27 PM
Surr: Tetrachloro-m-xylene	77.8	30-150		%REC	101968	1	7/21/2008 11:27 PM
POLYCHLORINATED BIPHENYLS		SW8082		(SW3580)			Analyst: MM
Aroclor 1016	BRL	0.95		mg/Kg	101967	1	7/21/2008 11:27 PM
Aroclor 1221	BRL	0.95		mg/Kg	101967	1	7/21/2008 11:27 PM
Aroclor 1232	BRL	0.95		mg/Kg	101967	1	7/21/2008 11:27 PM
Aroclor 1242	BRL	0.95		mg/Kg	101967	1	7/21/2008 11:27 PM
Aroclor 1248	BRL	0.95		mg/Kg	101967	1	7/21/2008 11:27 PM
Aroclor 1254	BRL	0.95		mg/Kg	101967	1	7/21/2008 11:27 PM
Aroclor 1260	BRL	0.95		mg/Kg	101967	1	7/21/2008 11:27 PM
Surr: Decachlorobiphenyl	49.5	17.5-197		%REC	101967	1	7/21/2008 11:27 PM
Surr: Tetrachloro-m-xylene	65.4	10.7-172		%REC	101967	1	7/21/2008 11:27 PM
CHLORINATED HERBICIDES		SW8151A		(SW3580)			Analyst: EI
2,4,5-T	BRL	9300		ug/Kg	101966	5	7/22/2008 2:43 PM
2,4,5-TP (Silvex)	BRL	9300		ug/Kg	101966	5	7/22/2008 2:43 PM
2,4-D	BRL	9300		ug/Kg	101966	5	7/22/2008 2:43 PM
2,4-DB	BRL	23000		ug/Kg	101966	5	7/22/2008 2:43 PM
Dalapon	BRL	23000		ug/Kg	101966	5	7/22/2008 2:43 PM

Qualifiers: *

BRL Below Reporting Limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated Method Blank

E Estimated (Value above quantitation range)

S Surrogate Recovery outside accepted recovery limits

Narr See Case Narrative

NC Not Confirmed

Analytical Environmental Services, Inc.

Date: 24-Jul-08

CLIENT: TN and Associates

Client Sample ID: TAR 1

Project: Tuscaloosa ER

Collection Date: 7/15/2008 11:45:00 AM

Lab ID: 0807A92-004

Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
CHLORINATED HERBICIDES							
		SW8151A			(SW3580)		Analyst: EI
Dicamba	BRL	9300		ug/Kg	101966	5	7/22/2008 2:43 PM
Dichlorprop	BRL	9300		ug/Kg	101966	5	7/22/2008 2:43 PM
Dinoseb	BRL	23000		ug/Kg	101966	5	7/22/2008 2:43 PM
MCPA	BRL	2300000		ug/Kg	101966	5	7/22/2008 2:43 PM
MCPP	BRL	2300000		ug/Kg	101966	5	7/22/2008 2:43 PM
Surr: DCAA	0	20-127	S	%REC	101966	5	7/22/2008 2:43 PM
METALS, TOTAL							
		SW6010B			(SW3050B)		Analyst: DJ
Arsenic	BRL	3.2		mg/Kg	101907	1	7/17/2008 1:17 PM
Barium	BRL	3.2		mg/Kg	101907	1	7/17/2008 1:17 PM
Cadmium	BRL	1.6		mg/Kg	101907	1	7/17/2008 1:17 PM
Chromium	BRL	1.6		mg/Kg	101907	1	7/17/2008 1:17 PM
Lead	BRL	3.2		mg/Kg	101907	1	7/17/2008 1:17 PM
Selenium	BRL	3.2		mg/Kg	101907	1	7/17/2008 1:17 PM
Silver	BRL	1.6		mg/Kg	101907	1	7/17/2008 1:17 PM
TOTAL MERCURY - WASTE							
		SW7471A			(SW7471)		Analyst: TAA
Mercury	BRL	0.0990		mg/Kg	102029	1	7/21/2008 6:40 PM
TCL-SEMIVOLATILE ORGANICS							
		SW8270C			(SW3580)		Analyst: YH
1,1'-Biphenyl	BRL	480		mg/Kg	101965	5	7/19/2008 1:12 AM
2,4,5-Trichlorophenol	BRL	2400		mg/Kg	101965	5	7/19/2008 1:12 AM
2,4,6-Trichlorophenol	BRL	480		mg/Kg	101965	5	7/19/2008 1:12 AM
2,4-Dichlorophenol	BRL	480		mg/Kg	101965	5	7/19/2008 1:12 AM
2,4-Dimethylphenol	BRL	480		mg/Kg	101965	5	7/19/2008 1:12 AM
2,4-Dinitrophenol	BRL	2400		mg/Kg	101965	5	7/19/2008 1:12 AM
2,4-Dinitrotoluene	BRL	480		mg/Kg	101965	5	7/19/2008 1:12 AM
2,6-Dinitrotoluene	BRL	480		mg/Kg	101965	5	7/19/2008 1:12 AM
2-Chloronaphthalene	BRL	480		mg/Kg	101965	5	7/19/2008 1:12 AM
2-Chlorophenol	BRL	480		mg/Kg	101965	5	7/19/2008 1:12 AM
2-Methylnaphthalene	BRL	480		mg/Kg	101965	5	7/19/2008 1:12 AM
2-Methylphenol	BRL	480		mg/Kg	101965	5	7/19/2008 1:12 AM
2-Nitroaniline	BRL	2400		mg/Kg	101965	5	7/19/2008 1:12 AM
2-Nitrophenol	BRL	480		mg/Kg	101965	5	7/19/2008 1:12 AM
3,3'-Dichlorobenzidine	BRL	3200		mg/Kg	101965	5	7/19/2008 1:12 AM
3-Nitroaniline	BRL	2400		mg/Kg	101965	5	7/19/2008 1:12 AM
4,6-Dinitro-2-methylphenol	BRL	2400		mg/Kg	101965	5	7/19/2008 1:12 AM
4-Bromophenyl phenyl ether	BRL	480		mg/Kg	101965	5	7/19/2008 1:12 AM
4-Chloro-3-methylphenol	BRL	480		mg/Kg	101965	5	7/19/2008 1:12 AM
4-Chloroaniline	BRL	480		mg/Kg	101965	5	7/19/2008 1:12 AM
4-Chlorophenyl phenyl ether	BRL	480		mg/Kg	101965	5	7/19/2008 1:12 AM
4-Methylphenol	BRL	480		mg/Kg	101965	5	7/19/2008 1:12 AM
4-Nitroaniline	BRL	2400		mg/Kg	101965	5	7/19/2008 1:12 AM

Qualifiers: * Value exceeds Maximum Contaminant Level
 BRL Below Reporting Limit
 H Holding times for preparation or analysis exceeded
 N Analyte not NELAC certified
 B Analyte detected in the associated Method Blank

E Estimated (Value above quantitation range)
 S Surrogate Recovery outside accepted recovery limits
 Narr See Case Narrative
 NC Not Confirmed

Analytical Environmental Services, Inc.

Date: 24-Jul-08

CLIENT: TN and Associates
Project: Tuscaloosa ER
Lab ID: 0807A92-004

Client Sample ID: TAR 1
Collection Date: 7/15/2008 11:45:00 AM
Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
TCL-SEMIVOLATILE ORGANICS		SW8270C		(SW3580)	Analyst: YH		
4-Nitrophenol	BRL	2400		mg/Kg	101965	5	7/19/2008 1:12 AM
Acenaphthene	BRL	480		mg/Kg	101965	5	7/19/2008 1:12 AM
Acenaphthylene	BRL	480		mg/Kg	101965	5	7/19/2008 1:12 AM
Acetophenone	BRL	480		mg/Kg	101965	5	7/19/2008 1:12 AM
Anthracene	BRL	480		mg/Kg	101965	5	7/19/2008 1:12 AM
Atrazine	BRL	480		mg/Kg	101965	5	7/19/2008 1:12 AM
Benz(a)anthracene	BRL	480		mg/Kg	101965	5	7/19/2008 1:12 AM
Benzaldehyde	BRL	480		mg/Kg	101965	5	7/19/2008 1:12 AM
Benzo(a)pyrene	BRL	480		mg/Kg	101965	5	7/19/2008 1:12 AM
Benzo(b)fluoranthene	BRL	480		mg/Kg	101965	5	7/19/2008 1:12 AM
Benzo(g,h,i)perylene	BRL	480		mg/Kg	101965	5	7/19/2008 1:12 AM
Benzo(k)fluoranthene	BRL	480		mg/Kg	101965	5	7/19/2008 1:12 AM
Bis(2-chloroethoxy)methane	BRL	480		mg/Kg	101965	5	7/19/2008 1:12 AM
Bis(2-chloroethyl)ether	BRL	480		mg/Kg	101965	5	7/19/2008 1:12 AM
Bis(2-chloroisopropyl)ether	BRL	480		mg/Kg	101965	5	7/19/2008 1:12 AM
Bis(2-ethylhexyl)phthalate	BRL	480		mg/Kg	101965	5	7/19/2008 1:12 AM
Butyl benzyl phthalate	BRL	480		mg/Kg	101965	5	7/19/2008 1:12 AM
Caprolactam	BRL	480		mg/Kg	101965	5	7/19/2008 1:12 AM
Carbazole	BRL	480		mg/Kg	101965	5	7/19/2008 1:12 AM
Chrysene	BRL	480		mg/Kg	101965	5	7/19/2008 1:12 AM
Dibenz(a,h)anthracene	BRL	480		mg/Kg	101965	5	7/19/2008 1:12 AM
Dibenzofuran	BRL	480		mg/Kg	101965	5	7/19/2008 1:12 AM
Diethyl phthalate	BRL	480		mg/Kg	101965	5	7/19/2008 1:12 AM
Dimethyl phthalate	BRL	480		mg/Kg	101965	5	7/19/2008 1:12 AM
Di-n-butyl phthalate	BRL	480		mg/Kg	101965	5	7/19/2008 1:12 AM
Di-n-octyl phthalate	BRL	480		mg/Kg	101965	5	7/19/2008 1:12 AM
Fluoranthene	BRL	480		mg/Kg	101965	5	7/19/2008 1:12 AM
Fluorene	BRL	480		mg/Kg	101965	5	7/19/2008 1:12 AM
Hexachlorobenzene	BRL	480		mg/Kg	101965	5	7/19/2008 1:12 AM
Hexachlorobutadiene	BRL	480		mg/Kg	101965	5	7/19/2008 1:12 AM
Hexachlorocyclopentadiene	BRL	480		mg/Kg	101965	5	7/19/2008 1:12 AM
Hexachloroethane	BRL	480		mg/Kg	101965	5	7/19/2008 1:12 AM
Indeno(1,2,3-cd)pyrene	BRL	480		mg/Kg	101965	5	7/19/2008 1:12 AM
Isophorone	BRL	480		mg/Kg	101965	5	7/19/2008 1:12 AM
Naphthalene	BRL	480		mg/Kg	101965	5	7/19/2008 1:12 AM
Nitrobenzene	BRL	480		mg/Kg	101965	5	7/19/2008 1:12 AM
N-Nitrosodi-n-propylamine	BRL	480		mg/Kg	101965	5	7/19/2008 1:12 AM
N-Nitrosodiphenylamine	BRL	480		mg/Kg	101965	5	7/19/2008 1:12 AM
Pentachlorophenol	BRL	2400		mg/Kg	101965	5	7/19/2008 1:12 AM
Phenanthrene	BRL	480		mg/Kg	101965	5	7/19/2008 1:12 AM
Phenol	BRL	480		mg/Kg	101965	5	7/19/2008 1:12 AM

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- BRL Below Reporting Limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated Method Blank

- E Estimated (Value above quantitation range)
- S Surrogate Recovery outside accepted recovery limits
- Narr See Case Narrative
- NC Not Confirmed

Analytical Environmental Services, Inc.

Date: 24-Jul-08

CLIENT: TN and Associates
Project: Tuscaloosa ER
Lab ID: 0807A92-004

Client Sample ID: TAR 1
Collection Date: 7/15/2008 11:45:00 AM
Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
TCL-SEMIVOLATILE ORGANICS							
		SW8270C			(SW3580)		Analyst: YH
Pyrene	BRL	480		mg/Kg	101965	5	7/19/2008 1:12 AM
Surr: 2,4,6-Tribromophenol	96.0	52.2-161		%REC	101965	5	7/19/2008 1:12 AM
Surr: 2-Fluorobiphenyl	101	65.4-139		%REC	101965	5	7/19/2008 1:12 AM
Surr: 2-Fluorophenol	81.4	44-152		%REC	101965	5	7/19/2008 1:12 AM
Surr: 4-Terphenyl-d14	105	56-140		%REC	101965	5	7/19/2008 1:12 AM
Surr: Nitrobenzene-d5	85.5	49.8-149		%REC	101965	5	7/19/2008 1:12 AM
Surr: Phenol-d5	81.0	45.3-148		%REC	101965	5	7/19/2008 1:12 AM
TCL VOLATILE ORGANICS							
		SW8260B			(SW5035)		Analyst: NWH
1,1,1-Trichloroethane	BRL	24000		ug/Kg	102134	500	7/22/2008 7:11 PM
1,1,2,2-Tetrachloroethane	BRL	24000		ug/Kg	102134	500	7/22/2008 7:11 PM
1,1,2-Trichloroethane	BRL	24000		ug/Kg	102134	500	7/22/2008 7:11 PM
1,1-Dichloroethane	BRL	24000		ug/Kg	102134	500	7/22/2008 7:11 PM
1,1-Dichloroethene	BRL	24000		ug/Kg	102134	500	7/22/2008 7:11 PM
1,2,4-Trichlorobenzene	BRL	24000		ug/Kg	102134	500	7/22/2008 7:11 PM
1,2-Dibromo-3-chloropropane	BRL	24000		ug/Kg	102134	500	7/22/2008 7:11 PM
1,2-Dibromoethane	BRL	24000		ug/Kg	102134	500	7/22/2008 7:11 PM
1,2-Dichlorobenzene	BRL	24000		ug/Kg	102134	500	7/22/2008 7:11 PM
1,2-Dichloroethane	BRL	24000		ug/Kg	102134	500	7/22/2008 7:11 PM
1,2-Dichloropropane	BRL	24000		ug/Kg	102134	500	7/22/2008 7:11 PM
1,3-Dichlorobenzene	BRL	24000		ug/Kg	102134	500	7/22/2008 7:11 PM
1,4-Dichlorobenzene	BRL	24000		ug/Kg	102134	500	7/22/2008 7:11 PM
2-Butanone	BRL	240000		ug/Kg	102134	500	7/22/2008 7:11 PM
2-Hexanone	BRL	49000		ug/Kg	102134	500	7/22/2008 7:11 PM
4-Methyl-2-pentanone	BRL	49000		ug/Kg	102134	500	7/22/2008 7:11 PM
Acetone	BRL	240000		ug/Kg	102134	500	7/22/2008 7:11 PM
Benzene	3700000	240000		ug/Kg	102134	5000	7/23/2008 2:44 PM
Bromodichloromethane	BRL	24000		ug/Kg	102134	500	7/22/2008 7:11 PM
Bromoform	BRL	24000		ug/Kg	102134	500	7/22/2008 7:11 PM
Bromomethane	BRL	24000		ug/Kg	102134	500	7/22/2008 7:11 PM
Carbon disulfide	BRL	49000		ug/Kg	102134	500	7/22/2008 7:11 PM
Carbon tetrachloride	BRL	24000		ug/Kg	102134	500	7/22/2008 7:11 PM
Chlorobenzene	BRL	24000		ug/Kg	102134	500	7/22/2008 7:11 PM
Chloroethane	BRL	49000		ug/Kg	102134	500	7/22/2008 7:11 PM
Chloroform	BRL	24000		ug/Kg	102134	500	7/22/2008 7:11 PM
Chloromethane	BRL	49000		ug/Kg	102134	500	7/22/2008 7:11 PM
cis-1,2-Dichloroethene	BRL	24000		ug/Kg	102134	500	7/22/2008 7:11 PM
cis-1,3-Dichloropropene	BRL	24000		ug/Kg	102134	500	7/22/2008 7:11 PM
Cyclohexane	7700000	240000		ug/Kg	102134	5000	7/23/2008 2:44 PM
Dibromochloromethane	BRL	24000		ug/Kg	102134	500	7/22/2008 7:11 PM
Dichlorodifluoromethane	BRL	49000		ug/Kg	102134	500	7/22/2008 7:11 PM
Ethylbenzene	BRL	24000		ug/Kg	102134	500	7/22/2008 7:11 PM

Qualifiers:	*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
	BRL	Below Reporting Limit	S	Surrogate Recovery outside accepted recovery limits
	H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
	N	Analyte not NELAC certified	NC	Not Confirmed
	B	Analyte detected in the associated Method Blank		

Analytical Environmental Services, Inc.

Date: 24-Jul-08

CLIENT: TN and Associates
Project: Tuscaloosa ER
Lab ID: 0807A92-004

Client Sample ID: TAR 1
Collection Date: 7/15/2008 11:45:00 AM
Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
TCL VOLATILE ORGANICS		SW8260B		(SW5035)	Analyst: NWH		
Freon-113	BRL	49000		ug/Kg	102134	500	7/22/2008 7:11 PM
Isopropylbenzene	BRL	24000		ug/Kg	102134	500	7/22/2008 7:11 PM
m,p-Xylene	BRL	49000		ug/Kg	102134	500	7/22/2008 7:11 PM
Methyl acetate	BRL	24000		ug/Kg	102134	500	7/22/2008 7:11 PM
Methyl tert-butyl ether	BRL	24000		ug/Kg	102134	500	7/22/2008 7:11 PM
Methylcyclohexane	140000	24000		ug/Kg	102134	500	7/22/2008 7:11 PM
Methylene chloride	BRL	24000		ug/Kg	102134	500	7/22/2008 7:11 PM
o-Xylene	BRL	24000		ug/Kg	102134	500	7/22/2008 7:11 PM
Styrene	BRL	24000		ug/Kg	102134	500	7/22/2008 7:11 PM
Tetrachloroethene	BRL	24000		ug/Kg	102134	500	7/22/2008 7:11 PM
Toluene	27000	24000		ug/Kg	102134	500	7/22/2008 7:11 PM
trans-1,2-Dichloroethene	BRL	24000		ug/Kg	102134	500	7/22/2008 7:11 PM
trans-1,3-Dichloropropene	BRL	24000		ug/Kg	102134	500	7/22/2008 7:11 PM
Trichloroethene	BRL	24000		ug/Kg	102134	500	7/22/2008 7:11 PM
Trichlorofluoromethane	BRL	24000		ug/Kg	102134	500	7/22/2008 7:11 PM
Vinyl chloride	BRL	49000		ug/Kg	102134	500	7/22/2008 7:11 PM
Surr: 4-Bromofluorobenzene	92.9	57.7-127		%REC	102134	5000	7/23/2008 2:44 PM
Surr: 4-Bromofluorobenzene	96.5	57.7-127		%REC	102134	500	7/22/2008 7:11 PM
Surr: Dibromofluoromethane	90.6	61.7-143		%REC	102134	5000	7/23/2008 2:44 PM
Surr: Dibromofluoromethane	88.1	61.7-143		%REC	102134	500	7/22/2008 7:11 PM
Surr: Toluene-d8	88.1	73-127		%REC	102134	5000	7/23/2008 2:44 PM
Surr: Toluene-d8	89.2	73-127		%REC	102134	500	7/22/2008 7:11 PM
IGNITABILITY		SW1010			Analyst: MAS		
Ignitability	180	0		> °F		1	7/22/2008 9:00 AM
LABORATORY HYDROGEN ION (PH)		SW9045D		(SW9045D)	Analyst: CG		
pH	1.77	0.01		pH Units	102049	1	7/21/2008 1:00 PM

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BRL	Below Reporting Limit	S Surrogate Recovery outside accepted recovery limits
H	Holding times for preparation or analysis exceeded	Narr See Case Narrative
N	Analyte not NELAC certified	NC Not Confirmed
B	Analyte detected in the associated Method Blank	

Analytical Environmental Services, Inc.

Date: 24-Jul-08

CLIENT: TN and Associates
Project: Tuscaloosa ER
Lab ID: 0807A92-005

Client Sample ID: TAR 2
Collection Date: 7/15/2008 11:55:00 AM
Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
CHLORINATED PESTICIDES, TARGET COMPOUN		SW8081A		(SW3580)			Analyst: MM
4,4'-DDD	BRL	0.099		mg/Kg	101968	1	7/21/2008 11:38 PM
4,4'-DDE	BRL	0.099		mg/Kg	101968	1	7/21/2008 11:38 PM
4,4'-DDT	BRL	0.099		mg/Kg	101968	1	7/21/2008 11:38 PM
Aldrin	BRL	0.050		mg/Kg	101968	1	7/21/2008 11:38 PM
alpha-BHC	BRL	0.050		mg/Kg	101968	1	7/21/2008 11:38 PM
alpha-Chlordane	BRL	0.050		mg/Kg	101968	1	7/21/2008 11:38 PM
beta-BHC	BRL	0.050		mg/Kg	101968	1	7/21/2008 11:38 PM
Chlordane	BRL	5.0		mg/Kg	101968	1	7/21/2008 11:38 PM
delta-BHC	BRL	0.050		mg/Kg	101968	1	7/21/2008 11:38 PM
Dieldrin	BRL	0.099		mg/Kg	101968	1	7/21/2008 11:38 PM
Endosulfan I	BRL	0.050		mg/Kg	101968	1	7/21/2008 11:38 PM
Endosulfan II	BRL	0.099		mg/Kg	101968	1	7/21/2008 11:38 PM
Endosulfan sulfate	BRL	0.099		mg/Kg	101968	1	7/21/2008 11:38 PM
Endrin	BRL	0.099		mg/Kg	101968	1	7/21/2008 11:38 PM
Endrin aldehyde	BRL	0.099		mg/Kg	101968	1	7/21/2008 11:38 PM
Endrin ketone	BRL	0.099		mg/Kg	101968	1	7/21/2008 11:38 PM
gamma-BHC	BRL	0.050		mg/Kg	101968	1	7/21/2008 11:38 PM
gamma-Chlordane	BRL	0.050		mg/Kg	101968	1	7/21/2008 11:38 PM
Heptachlor	BRL	0.050		mg/Kg	101968	1	7/21/2008 11:38 PM
Heptachlor epoxide	BRL	0.050		mg/Kg	101968	1	7/21/2008 11:38 PM
Methoxychlor	BRL	0.50		mg/Kg	101968	1	7/21/2008 11:38 PM
Toxaphene	BRL	5.0		mg/Kg	101968	1	7/21/2008 11:38 PM
Surr: Decachlorobiphenyl	64.6	30-150		%REC	101968	1	7/21/2008 11:38 PM
Surr: Tetrachloro-m-xylene	96.2	30-150		%REC	101968	1	7/21/2008 11:38 PM
POLYCHLORINATED BIPHENYLS		SW8082		(SW3580)			Analyst: MM
Aroclor 1016	BRL	0.99		mg/Kg	101967	1	7/21/2008 11:38 PM
Aroclor 1221	BRL	0.99		mg/Kg	101967	1	7/21/2008 11:38 PM
Aroclor 1232	BRL	0.99		mg/Kg	101967	1	7/21/2008 11:38 PM
Aroclor 1242	BRL	0.99		mg/Kg	101967	1	7/21/2008 11:38 PM
Aroclor 1248	BRL	0.99		mg/Kg	101967	1	7/21/2008 11:38 PM
Aroclor 1254	BRL	0.99		mg/Kg	101967	1	7/21/2008 11:38 PM
Aroclor 1260	BRL	0.99		mg/Kg	101967	1	7/21/2008 11:38 PM
Surr: Decachlorobiphenyl	53.0	17.5-197		%REC	101967	1	7/21/2008 11:38 PM
Surr: Tetrachloro-m-xylene	66.3	10.7-172		%REC	101967	1	7/21/2008 11:38 PM
CHLORINATED HERBICIDES		SW8151A		(SW3580)			Analyst: EI
2,4,5-T	BRL	9800		ug/Kg	101966	5	7/22/2008 3:12 PM
2,4,5-TP (Silvex)	BRL	9800		ug/Kg	101966	5	7/22/2008 3:12 PM
2,4-D	BRL	9800		ug/Kg	101966	5	7/22/2008 3:12 PM
2,4-DB	BRL	25000		ug/Kg	101966	5	7/22/2008 3:12 PM
Dalapon	BRL	25000		ug/Kg	101966	5	7/22/2008 3:12 PM

Qualifiers: * Value exceeds Maximum Contaminant Level
 BRL Below Reporting Limit
 H Holding times for preparation or analysis exceeded
 N Analyte not NELAC certified
 B Analyte detected in the associated Method Blank

E Estimated (Value above quantitation range)
 S Surrogate Recovery outside accepted recovery limits
 Narr See Case Narrative
 NC Not Confirmed

Analytical Environmental Services, Inc.

Date: 24-Jul-08

CLIENT: TN and Associates
Project: Tuscaloosa ER
Lab ID: 0807A92-005

Client Sample ID: TAR 2
Collection Date: 7/15/2008 11:55:00 AM
Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
CHLORINATED HERBICIDES							
		SW8151A			(SW3580)		Analyst: EI
Dicamba	BRL	9800		ug/Kg	101966	5	7/22/2008 3:12 PM
Dichlorprop	BRL	9800		ug/Kg	101966	5	7/22/2008 3:12 PM
Dinoseb	BRL	25000		ug/Kg	101966	5	7/22/2008 3:12 PM
MCPA	BRL	2500000		ug/Kg	101966	5	7/22/2008 3:12 PM
MCPP	BRL	2500000		ug/Kg	101966	5	7/22/2008 3:12 PM
Surr: DCAA	74.5	20-127		%REC	101966	5	7/22/2008 3:12 PM
METALS, TOTAL							
		SW6010B			(SW3050B)		Analyst: DJ
Arsenic	BRL	4.1		mg/Kg	101907	1	7/17/2008 1:21 PM
Barium	BRL	4.1		mg/Kg	101907	1	7/17/2008 1:21 PM
Cadmium	BRL	2.1		mg/Kg	101907	1	7/17/2008 1:21 PM
Chromium	BRL	2.1		mg/Kg	101907	1	7/17/2008 1:21 PM
Lead	BRL	4.1		mg/Kg	101907	1	7/17/2008 1:21 PM
Selenium	BRL	4.1		mg/Kg	101907	1	7/17/2008 1:21 PM
Silver	BRL	2.1		mg/Kg	101907	1	7/17/2008 1:21 PM
TOTAL MERCURY - WASTE							
		SW7471A			(SW7471)		Analyst: TAA
Mercury	BRL	0.0998		mg/Kg	102029	1	7/21/2008 6:42 PM
TCL-SEMIVOLATILE ORGANICS							
		SW8270C			(SW3580)		Analyst: YH
1,1'-Biphenyl	BRL	480		mg/Kg	101965	5	7/19/2008 1:41 AM
2,4,5-Trichlorophenol	BRL	2400		mg/Kg	101965	5	7/19/2008 1:41 AM
2,4,6-Trichlorophenol	BRL	480		mg/Kg	101965	5	7/19/2008 1:41 AM
2,4-Dichlorophenol	BRL	480		mg/Kg	101965	5	7/19/2008 1:41 AM
2,4-Dimethylphenol	BRL	480		mg/Kg	101965	5	7/19/2008 1:41 AM
2,4-Dinitrophenol	BRL	2400		mg/Kg	101965	5	7/19/2008 1:41 AM
2,4-Dinitrotoluene	BRL	480		mg/Kg	101965	5	7/19/2008 1:41 AM
2,6-Dinitrotoluene	BRL	480		mg/Kg	101965	5	7/19/2008 1:41 AM
2-Chloronaphthalene	BRL	480		mg/Kg	101965	5	7/19/2008 1:41 AM
2-Chlorophenol	BRL	480		mg/Kg	101965	5	7/19/2008 1:41 AM
2-Methylnaphthalene	BRL	480		mg/Kg	101965	5	7/19/2008 1:41 AM
2-Methylphenol	BRL	480		mg/Kg	101965	5	7/19/2008 1:41 AM
2-Nitroaniline	BRL	2400		mg/Kg	101965	5	7/19/2008 1:41 AM
2-Nitrophenol	BRL	480		mg/Kg	101965	5	7/19/2008 1:41 AM
3,3'-Dichlorobenzidine	BRL	3200		mg/Kg	101965	5	7/19/2008 1:41 AM
3-Nitroaniline	BRL	2400		mg/Kg	101965	5	7/19/2008 1:41 AM
4,6-Dinitro-2-methylphenol	BRL	2400		mg/Kg	101965	5	7/19/2008 1:41 AM
4-Bromophenyl phenyl ether	BRL	480		mg/Kg	101965	5	7/19/2008 1:41 AM
4-Chloro-3-methylphenol	BRL	480		mg/Kg	101965	5	7/19/2008 1:41 AM
4-Chloroaniline	BRL	480		mg/Kg	101965	5	7/19/2008 1:41 AM
4-Chlorophenyl phenyl ether	BRL	480		mg/Kg	101965	5	7/19/2008 1:41 AM
4-Methylphenol	BRL	480		mg/Kg	101965	5	7/19/2008 1:41 AM
4-Nitroaniline	BRL	2400		mg/Kg	101965	5	7/19/2008 1:41 AM

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- BRL Below Reporting Limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated Method Blank

- E Estimated (Value above quantitation range)
- S Surrogate Recovery outside accepted recovery limits
- Narr See Case Narrative
- NC Not Confirmed

Analytical Environmental Services, Inc.

Date: 24-Jul-08

CLIENT: TN and Associates
Project: Tuscaloosa ER
Lab ID: 0807A92-005

Client Sample ID: TAR 2
Collection Date: 7/15/2008 11:55:00 AM
Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
TCL-SEMIVOLATILE ORGANICS		SW8270C		(SW3580)			Analyst: YH
4-Nitrophenol	BRL	2400		mg/Kg	101965	5	7/19/2008 1:41 AM
Acenaphthene	BRL	480		mg/Kg	101965	5	7/19/2008 1:41 AM
Acenaphthylene	BRL	480		mg/Kg	101965	5	7/19/2008 1:41 AM
Acetophenone	BRL	480		mg/Kg	101965	5	7/19/2008 1:41 AM
Anthracene	BRL	480		mg/Kg	101965	5	7/19/2008 1:41 AM
Atrazine	BRL	480		mg/Kg	101965	5	7/19/2008 1:41 AM
Benz(a)anthracene	BRL	480		mg/Kg	101965	5	7/19/2008 1:41 AM
Benzaldehyde	BRL	480		mg/Kg	101965	5	7/19/2008 1:41 AM
Benzo(a)pyrene	BRL	480		mg/Kg	101965	5	7/19/2008 1:41 AM
Benzo(b)fluoranthene	BRL	480		mg/Kg	101965	5	7/19/2008 1:41 AM
Benzo(g,h,i)perylene	BRL	480		mg/Kg	101965	5	7/19/2008 1:41 AM
Benzo(k)fluoranthene	BRL	480		mg/Kg	101965	5	7/19/2008 1:41 AM
Bis(2-chloroethoxy)methane	BRL	480		mg/Kg	101965	5	7/19/2008 1:41 AM
Bis(2-chloroethyl)ether	BRL	480		mg/Kg	101965	5	7/19/2008 1:41 AM
Bis(2-chloroisopropyl)ether	BRL	480		mg/Kg	101965	5	7/19/2008 1:41 AM
Bis(2-ethylhexyl)phthalate	BRL	480		mg/Kg	101965	5	7/19/2008 1:41 AM
Butyl benzyl phthalate	BRL	480		mg/Kg	101965	5	7/19/2008 1:41 AM
Caprolactam	BRL	480		mg/Kg	101965	5	7/19/2008 1:41 AM
Carbazole	BRL	480		mg/Kg	101965	5	7/19/2008 1:41 AM
Chrysene	BRL	480		mg/Kg	101965	5	7/19/2008 1:41 AM
Dibenz(a,h)anthracene	BRL	480		mg/Kg	101965	5	7/19/2008 1:41 AM
Dibenzofuran	BRL	480		mg/Kg	101965	5	7/19/2008 1:41 AM
Diethyl phthalate	BRL	480		mg/Kg	101965	5	7/19/2008 1:41 AM
Dimethyl phthalate	BRL	480		mg/Kg	101965	5	7/19/2008 1:41 AM
Di-n-butyl phthalate	BRL	480		mg/Kg	101965	5	7/19/2008 1:41 AM
Di-n-octyl phthalate	BRL	480		mg/Kg	101965	5	7/19/2008 1:41 AM
Fluoranthene	BRL	480		mg/Kg	101965	5	7/19/2008 1:41 AM
Fluorene	BRL	480		mg/Kg	101965	5	7/19/2008 1:41 AM
Hexachlorobenzene	BRL	480		mg/Kg	101965	5	7/19/2008 1:41 AM
Hexachlorobutadiene	BRL	480		mg/Kg	101965	5	7/19/2008 1:41 AM
Hexachlorocyclopentadiene	BRL	480		mg/Kg	101965	5	7/19/2008 1:41 AM
Hexachloroethane	BRL	480		mg/Kg	101965	5	7/19/2008 1:41 AM
Indeno(1,2,3-cd)pyrene	BRL	480		mg/Kg	101965	5	7/19/2008 1:41 AM
Isophorone	BRL	480		mg/Kg	101965	5	7/19/2008 1:41 AM
Naphthalene	BRL	480		mg/Kg	101965	5	7/19/2008 1:41 AM
Nitrobenzene	BRL	480		mg/Kg	101965	5	7/19/2008 1:41 AM
N-Nitrosodi-n-propylamine	BRL	480		mg/Kg	101965	5	7/19/2008 1:41 AM
N-Nitrosodiphenylamine	BRL	480		mg/Kg	101965	5	7/19/2008 1:41 AM
Pentachlorophenol	BRL	2400		mg/Kg	101965	5	7/19/2008 1:41 AM
Phenanthrene	BRL	480		mg/Kg	101965	5	7/19/2008 1:41 AM
Phenol	BRL	480		mg/Kg	101965	5	7/19/2008 1:41 AM

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- BRL Below Reporting Limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
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- E Estimated (Value above quantitation range)
- S Surrogate Recovery outside accepted recovery limits
- Narr See Case Narrative
- NC Not Confirmed

Analytical Environmental Services, Inc.

Date: 24-Jul-08

CLIENT: TN and Associates
Project: Tuscaloosa ER
Lab ID: 0807A92-005

Client Sample ID: TAR 2
Collection Date: 7/15/2008 11:55:00 AM
Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
TCL-SEMIVOLATILE ORGANICS		SW8270C		(SW3580)			Analyst: YH
Pyrene	BRL	480		mg/Kg	101965	5	7/19/2008 1:41 AM
Surr: 2,4,6-Tribromophenol	93.8	52.2-161		%REC	101965	5	7/19/2008 1:41 AM
Surr: 2-Fluorobiphenyl	96.3	65.4-139		%REC	101965	5	7/19/2008 1:41 AM
Surr: 2-Fluorophenol	82.2	44-152		%REC	101965	5	7/19/2008 1:41 AM
Surr: 4-Terphenyl-d14	96.6	56-140		%REC	101965	5	7/19/2008 1:41 AM
Surr: Nitrobenzene-d5	79.9	49.8-149		%REC	101965	5	7/19/2008 1:41 AM
Surr: Phenol-d5	83.0	45.3-148		%REC	101965	5	7/19/2008 1:41 AM
TCL VOLATILE ORGANICS		SW8260B		(SW5035)			Analyst: NWH
1,1,1-Trichloroethane	BRL	250000		ug/Kg	102134	5000	7/22/2008 7:38 PM
1,1,2,2-Tetrachloroethane	BRL	250000		ug/Kg	102134	5000	7/22/2008 7:38 PM
1,1,2-Trichloroethane	BRL	250000		ug/Kg	102134	5000	7/22/2008 7:38 PM
1,1-Dichloroethane	BRL	250000		ug/Kg	102134	5000	7/22/2008 7:38 PM
1,1-Dichloroethene	BRL	250000		ug/Kg	102134	5000	7/22/2008 7:38 PM
1,2,4-Trichlorobenzene	BRL	250000		ug/Kg	102134	5000	7/22/2008 7:38 PM
1,2-Dibromo-3-chloropropane	BRL	250000		ug/Kg	102134	5000	7/22/2008 7:38 PM
1,2-Dibromoethane	BRL	250000		ug/Kg	102134	5000	7/22/2008 7:38 PM
1,2-Dichlorobenzene	BRL	250000		ug/Kg	102134	5000	7/22/2008 7:38 PM
1,2-Dichloroethane	BRL	250000		ug/Kg	102134	5000	7/22/2008 7:38 PM
1,2-Dichloropropane	BRL	250000		ug/Kg	102134	5000	7/22/2008 7:38 PM
1,3-Dichlorobenzene	BRL	250000		ug/Kg	102134	5000	7/22/2008 7:38 PM
1,4-Dichlorobenzene	BRL	250000		ug/Kg	102134	5000	7/22/2008 7:38 PM
2-Butanone	BRL	2500000		ug/Kg	102134	5000	7/22/2008 7:38 PM
2-Hexanone	BRL	490000		ug/Kg	102134	5000	7/22/2008 7:38 PM
4-Methyl-2-pentanone	BRL	490000		ug/Kg	102134	5000	7/22/2008 7:38 PM
Acetone	BRL	2500000		ug/Kg	102134	5000	7/22/2008 7:38 PM
Benzene	BRL	250000		ug/Kg	102134	5000	7/22/2008 7:38 PM
Bromodichloromethane	BRL	250000		ug/Kg	102134	5000	7/22/2008 7:38 PM
Bromoform	BRL	250000		ug/Kg	102134	5000	7/22/2008 7:38 PM
Bromomethane	BRL	250000		ug/Kg	102134	5000	7/22/2008 7:38 PM
Carbon disulfide	BRL	490000		ug/Kg	102134	5000	7/22/2008 7:38 PM
Carbon tetrachloride	BRL	250000		ug/Kg	102134	5000	7/22/2008 7:38 PM
Chlorobenzene	BRL	250000		ug/Kg	102134	5000	7/22/2008 7:38 PM
Chloroethane	BRL	490000		ug/Kg	102134	5000	7/22/2008 7:38 PM
Chloroform	BRL	250000		ug/Kg	102134	5000	7/22/2008 7:38 PM
Chloromethane	BRL	490000		ug/Kg	102134	5000	7/22/2008 7:38 PM
cis-1,2-Dichloroethene	BRL	250000		ug/Kg	102134	5000	7/22/2008 7:38 PM
cis-1,3-Dichloropropene	BRL	250000		ug/Kg	102134	5000	7/22/2008 7:38 PM
Cyclohexane	1200000	250000		ug/Kg	102134	5000	7/22/2008 7:38 PM
Dibromochloromethane	BRL	250000		ug/Kg	102134	5000	7/22/2008 7:38 PM
Dichlorodifluoromethane	BRL	490000		ug/Kg	102134	5000	7/22/2008 7:38 PM
Ethylbenzene	BRL	250000		ug/Kg	102134	5000	7/22/2008 7:38 PM

Qualifiers:	*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
	BRL	Below Reporting Limit	S	Surrogate Recovery outside accepted recovery limits
	H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
	N	Analyte not NELAC certified	NC	Not Confirmed
	B	Analyte detected in the associated Method Blank		

Analytical Environmental Services, Inc.

Date: 24-Jul-08

CLIENT: TN and Associates
Project: Tuscaloosa ER
Lab ID: 0807A92-005

Client Sample ID: TAR 2
Collection Date: 7/15/2008 11:55:00 AM
Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
TCL VOLATILE ORGANICS		SW8260B			(SW5035)		Analyst: NWH
Freon-113	BRL	490000		ug/Kg	102134	5000	7/22/2008 7:38 PM
Isopropylbenzene	BRL	250000		ug/Kg	102134	5000	7/22/2008 7:38 PM
m,p-Xylene	BRL	490000		ug/Kg	102134	5000	7/22/2008 7:38 PM
Methyl acetate	BRL	250000		ug/Kg	102134	5000	7/22/2008 7:38 PM
Methyl tert-butyl ether	BRL	250000		ug/Kg	102134	5000	7/22/2008 7:38 PM
Methylcyclohexane	BRL	250000		ug/Kg	102134	5000	7/22/2008 7:38 PM
Methylene chloride	BRL	250000		ug/Kg	102134	5000	7/22/2008 7:38 PM
o-Xylene	BRL	250000		ug/Kg	102134	5000	7/22/2008 7:38 PM
Styrene	BRL	250000		ug/Kg	102134	5000	7/22/2008 7:38 PM
Tetrachloroethene	BRL	250000		ug/Kg	102134	5000	7/22/2008 7:38 PM
Toluene	BRL	250000		ug/Kg	102134	5000	7/22/2008 7:38 PM
trans-1,2-Dichloroethene	BRL	250000		ug/Kg	102134	5000	7/22/2008 7:38 PM
trans-1,3-Dichloropropene	BRL	250000		ug/Kg	102134	5000	7/22/2008 7:38 PM
Trichloroethene	BRL	250000		ug/Kg	102134	5000	7/22/2008 7:38 PM
Trichlorofluoromethane	BRL	250000		ug/Kg	102134	5000	7/22/2008 7:38 PM
Vinyl chloride	BRL	490000		ug/Kg	102134	5000	7/22/2008 7:38 PM
Surr: 4-Bromofluorobenzene	94.1	57.7-127		%REC	102134	5000	7/22/2008 7:38 PM
Surr: Dibromofluoromethane	88.1	61.7-143		%REC	102134	5000	7/22/2008 7:38 PM
Surr: Toluene-d8	88.6	73-127		%REC	102134	5000	7/22/2008 7:38 PM
IGNITABILITY		SW1010					Analyst: MAS
Ignitability	180	0		> °F		1	7/22/2008 9:00 AM
LABORATORY HYDROGEN ION (PH)		SW9045D			(SW9045D)		Analyst: CG
pH	1.95	0.01		pH Units	102049	1	7/21/2008 1:00 PM

Qualifiers:	* Value exceeds Maximum Contaminant Level	E Estimated (Value above quantitation range)
BRL	Below Reporting Limit	S Surrogate Recovery outside accepted recovery limits
H	Holding times for preparation or analysis exceeded	Narr See Case Narrative
N	Analyte not NELAC certified	NC Not Confirmed
B	Analyte detected in the associated Method Blank	

Analytical Environmental Services, Inc.

Date: 24-Jul-08

CLIENT: TN and Associates
Project: Tuscaloosa ER
Lab ID: 0807A92-006

Client Sample ID: TAR 3
Collection Date: 7/15/2008 1:05:00 PM
Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
CHLORINATED PESTICIDES, TARGET COMPOUN				SW8081A	(SW3580)	Analyst: MM	
4,4'-DDD	BRL	0.098		mg/Kg	101968	1	7/21/2008 11:49 PM
4,4'-DDE	BRL	0.098		mg/Kg	101968	1	7/21/2008 11:49 PM
4,4'-DDT	BRL	0.098		mg/Kg	101968	1	7/21/2008 11:49 PM
Aldrin	BRL	0.049		mg/Kg	101968	1	7/21/2008 11:49 PM
alpha-BHC	BRL	0.049		mg/Kg	101968	1	7/21/2008 11:49 PM
alpha-Chlordane	BRL	0.049		mg/Kg	101968	1	7/21/2008 11:49 PM
beta-BHC	BRL	0.049		mg/Kg	101968	1	7/21/2008 11:49 PM
Chlordane	BRL	4.9		mg/Kg	101968	1	7/21/2008 11:49 PM
delta-BHC	BRL	0.049		mg/Kg	101968	1	7/21/2008 11:49 PM
Dieldrin	BRL	0.098		mg/Kg	101968	1	7/21/2008 11:49 PM
Endosulfan I	BRL	0.049		mg/Kg	101968	1	7/21/2008 11:49 PM
Endosulfan II	BRL	0.098		mg/Kg	101968	1	7/21/2008 11:49 PM
Endosulfan sulfate	BRL	0.098		mg/Kg	101968	1	7/21/2008 11:49 PM
Endrin	BRL	0.098		mg/Kg	101968	1	7/21/2008 11:49 PM
Endrin aldehyde	BRL	0.098		mg/Kg	101968	1	7/21/2008 11:49 PM
Endrin ketone	BRL	0.098		mg/Kg	101968	1	7/21/2008 11:49 PM
gamma-BHC	BRL	0.049		mg/Kg	101968	1	7/21/2008 11:49 PM
gamma-Chlordane	BRL	0.049		mg/Kg	101968	1	7/21/2008 11:49 PM
Heptachlor	BRL	0.049		mg/Kg	101968	1	7/21/2008 11:49 PM
Heptachlor epoxide	BRL	0.049		mg/Kg	101968	1	7/21/2008 11:49 PM
Methoxychlor	BRL	0.49		mg/Kg	101968	1	7/21/2008 11:49 PM
Toxaphene	BRL	4.9		mg/Kg	101968	1	7/21/2008 11:49 PM
Surr: Decachlorobiphenyl	45.6	30-150		%REC	101968	1	7/21/2008 11:49 PM
Surr: Tetrachloro-m-xylene	96.3	30-150		%REC	101968	1	7/21/2008 11:49 PM
POLYCHLORINATED BIPHENYLS				SW8082	(SW3580)	Analyst: MM	
Aroclor 1016	BRL	0.98		mg/Kg	101967	1	7/21/2008 11:49 PM
Aroclor 1221	BRL	0.98		mg/Kg	101967	1	7/21/2008 11:49 PM
Aroclor 1232	BRL	0.98		mg/Kg	101967	1	7/21/2008 11:49 PM
Aroclor 1242	BRL	0.98		mg/Kg	101967	1	7/21/2008 11:49 PM
Aroclor 1248	BRL	0.98		mg/Kg	101967	1	7/21/2008 11:49 PM
Aroclor 1254	BRL	0.98		mg/Kg	101967	1	7/21/2008 11:49 PM
Aroclor 1260	BRL	0.98		mg/Kg	101967	1	7/21/2008 11:49 PM
Surr: Decachlorobiphenyl	41.5	17.5-197		%REC	101967	1	7/21/2008 11:49 PM
Surr: Tetrachloro-m-xylene	73.1	10.7-172		%REC	101967	1	7/21/2008 11:49 PM
CHLORINATED HERBICIDES				SW8151A	(SW3580)	Analyst: EI	
2,4,5-T	BRL	9200		ug/Kg	101966	5	7/22/2008 3:41 PM
2,4,5-TP (Silvex)	BRL	9200		ug/Kg	101966	5	7/22/2008 3:41 PM
2,4-D	BRL	9200		ug/Kg	101966	5	7/22/2008 3:41 PM
2,4-DB	BRL	23000		ug/Kg	101966	5	7/22/2008 3:41 PM
Dalapon	BRL	23000		ug/Kg	101966	5	7/22/2008 3:41 PM

Qualifiers:	*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
	BRL	Below Reporting Limit	S	Surrogate Recovery outside accepted recovery limits
	H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
	N	Analyte not NELAC certified	NC	Not Confirmed
	B	Analyte detected in the associated Method Blank		

Analytical Environmental Services, Inc.

Date: 24-Jul-08

CLIENT: TN and Associates
Project: Tuscaloosa ER
Lab ID: 0807A92-006

Client Sample ID: TAR 3
Collection Date: 7/15/2008 1:05:00 PM
Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
CHLORINATED HERBICIDES							
		SW8151A			(SW3580)		Analyst: EI
Dicamba	BRL	9200		ug/Kg	101966	5	7/22/2008 3:41 PM
Dichlorprop	BRL	9200		ug/Kg	101966	5	7/22/2008 3:41 PM
Dinoseb	BRL	23000		ug/Kg	101966	5	7/22/2008 3:41 PM
MCPA	BRL	2300000		ug/Kg	101966	5	7/22/2008 3:41 PM
MCP	BRL	2300000		ug/Kg	101966	5	7/22/2008 3:41 PM
Surr: DCAA	32.7	20-127		%REC	101966	5	7/22/2008 3:41 PM
METALS, TOTAL							
		SW6010B			(SW3050B)		Analyst: DJ
Arsenic	BRL	4.7		mg/Kg	101907	1	7/17/2008 1:31 PM
Barium	BRL	4.7		mg/Kg	101907	1	7/17/2008 1:31 PM
Cadmium	BRL	2.4		mg/Kg	101907	1	7/17/2008 1:31 PM
Chromium	BRL	2.4		mg/Kg	101907	1	7/17/2008 1:31 PM
Lead	BRL	4.7		mg/Kg	101907	1	7/17/2008 1:31 PM
Selenium	BRL	4.7		mg/Kg	101907	1	7/17/2008 1:31 PM
Silver	BRL	2.4		mg/Kg	101907	1	7/17/2008 1:31 PM
TOTAL MERCURY - WASTE							
		SW7471A			(SW7471)		Analyst: TAA
Mercury	BRL	0.0988		mg/Kg	102029	1	7/21/2008 6:44 PM
TCL-SEMIVOLATILE ORGANICS							
		SW8270C			(SW3580)		Analyst: YH
1,1'-Biphenyl	BRL	500		mg/Kg	101965	5	7/19/2008 2:10 AM
2,4,5-Trichlorophenol	BRL	2500		mg/Kg	101965	5	7/19/2008 2:10 AM
2,4,6-Trichlorophenol	BRL	500		mg/Kg	101965	5	7/19/2008 2:10 AM
2,4-Dichlorophenol	BRL	500		mg/Kg	101965	5	7/19/2008 2:10 AM
2,4-Dimethylphenol	BRL	500		mg/Kg	101965	5	7/19/2008 2:10 AM
2,4-Dinitrophenol	BRL	2500		mg/Kg	101965	5	7/19/2008 2:10 AM
2,4-Dinitrotoluene	BRL	500		mg/Kg	101965	5	7/19/2008 2:10 AM
2,6-Dinitrotoluene	BRL	500		mg/Kg	101965	5	7/19/2008 2:10 AM
2-Chloronaphthalene	BRL	500		mg/Kg	101965	5	7/19/2008 2:10 AM
2-Chlorophenol	BRL	500		mg/Kg	101965	5	7/19/2008 2:10 AM
2-Methylnaphthalene	BRL	500		mg/Kg	101965	5	7/19/2008 2:10 AM
2-Methylphenol	BRL	500		mg/Kg	101965	5	7/19/2008 2:10 AM
2-Nitroaniline	BRL	2500		mg/Kg	101965	5	7/19/2008 2:10 AM
2-Nitrophenol	BRL	500		mg/Kg	101965	5	7/19/2008 2:10 AM
3,3'-Dichlorobenzidine	BRL	3300		mg/Kg	101965	5	7/19/2008 2:10 AM
3-Nitroaniline	BRL	2500		mg/Kg	101965	5	7/19/2008 2:10 AM
4,6-Dinitro-2-methylphenol	BRL	2500		mg/Kg	101965	5	7/19/2008 2:10 AM
4-Bromophenyl phenyl ether	BRL	500		mg/Kg	101965	5	7/19/2008 2:10 AM
4-Chloro-3-methylphenol	BRL	500		mg/Kg	101965	5	7/19/2008 2:10 AM
4-Chloroaniline	BRL	500		mg/Kg	101965	5	7/19/2008 2:10 AM
4-Chlorophenyl phenyl ether	BRL	500		mg/Kg	101965	5	7/19/2008 2:10 AM
4-Methylphenol	BRL	500		mg/Kg	101965	5	7/19/2008 2:10 AM
4-Nitroaniline	BRL	2500		mg/Kg	101965	5	7/19/2008 2:10 AM

Qualifiers: * Value exceeds Maximum Contaminant Level
BRL Below Reporting Limit
H Holding times for preparation or analysis exceeded
N Analyte not NELAC certified
B Analyte detected in the associated Method Blank

E Estimated (Value above quantitation range)
S Surrogate Recovery outside accepted recovery limits
Narr See Case Narrative
NC Not Confirmed

Analytical Environmental Services, Inc.

Date: 24-Jul-08

CLIENT: TN and Associates
Project: Tuscaloosa ER
Lab ID: 0807A92-006

Client Sample ID: TAR 3
Collection Date: 7/15/2008 1:05:00 PM
Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
TCL-SEMIVOLATILE ORGANICS		SW8270C		(SW3580)	Analyst: YH		
4-Nitrophenol	BRL	2500		mg/Kg	101965	5	7/19/2008 2:10 AM
Acenaphthene	BRL	500		mg/Kg	101965	5	7/19/2008 2:10 AM
Acenaphthylene	BRL	500		mg/Kg	101965	5	7/19/2008 2:10 AM
Acetophenone	BRL	500		mg/Kg	101965	5	7/19/2008 2:10 AM
Anthracene	BRL	500		mg/Kg	101965	5	7/19/2008 2:10 AM
Atrazine	BRL	500		mg/Kg	101965	5	7/19/2008 2:10 AM
Benz(a)anthracene	BRL	500		mg/Kg	101965	5	7/19/2008 2:10 AM
Benzaldehyde	BRL	500		mg/Kg	101965	5	7/19/2008 2:10 AM
Benzo(a)pyrene	BRL	500		mg/Kg	101965	5	7/19/2008 2:10 AM
Benzo(b)fluoranthene	BRL	500		mg/Kg	101965	5	7/19/2008 2:10 AM
Benzo(g,h,i)perylene	BRL	500		mg/Kg	101965	5	7/19/2008 2:10 AM
Benzo(k)fluoranthene	BRL	500		mg/Kg	101965	5	7/19/2008 2:10 AM
Bis(2-chloroethoxy)methane	BRL	500		mg/Kg	101965	5	7/19/2008 2:10 AM
Bis(2-chloroethyl)ether	BRL	500		mg/Kg	101965	5	7/19/2008 2:10 AM
Bis(2-chloroisopropyl)ether	BRL	500		mg/Kg	101965	5	7/19/2008 2:10 AM
Bis(2-ethylhexyl)phthalate	BRL	500		mg/Kg	101965	5	7/19/2008 2:10 AM
Butyl benzyl phthalate	BRL	500		mg/Kg	101965	5	7/19/2008 2:10 AM
Caprolactam	BRL	500		mg/Kg	101965	5	7/19/2008 2:10 AM
Carbazole	BRL	500		mg/Kg	101965	5	7/19/2008 2:10 AM
Chrysene	BRL	500		mg/Kg	101965	5	7/19/2008 2:10 AM
Dibenz(a,h)anthracene	BRL	500		mg/Kg	101965	5	7/19/2008 2:10 AM
Dibenzofuran	BRL	500		mg/Kg	101965	5	7/19/2008 2:10 AM
Diethyl phthalate	BRL	500		mg/Kg	101965	5	7/19/2008 2:10 AM
Dimethyl phthalate	BRL	500		mg/Kg	101965	5	7/19/2008 2:10 AM
Di-n-butyl phthalate	BRL	500		mg/Kg	101965	5	7/19/2008 2:10 AM
Di-n-octyl phthalate	BRL	500		mg/Kg	101965	5	7/19/2008 2:10 AM
Fluoranthene	BRL	500		mg/Kg	101965	5	7/19/2008 2:10 AM
Fluorene	BRL	500		mg/Kg	101965	5	7/19/2008 2:10 AM
Hexachlorobenzene	BRL	500		mg/Kg	101965	5	7/19/2008 2:10 AM
Hexachlorobutadiene	BRL	500		mg/Kg	101965	5	7/19/2008 2:10 AM
Hexachlorocyclopentadiene	BRL	500		mg/Kg	101965	5	7/19/2008 2:10 AM
Hexachloroethane	BRL	500		mg/Kg	101965	5	7/19/2008 2:10 AM
Indeno(1,2,3-cd)pyrene	BRL	500		mg/Kg	101965	5	7/19/2008 2:10 AM
Isophorone	BRL	500		mg/Kg	101965	5	7/19/2008 2:10 AM
Naphthalene	BRL	500		mg/Kg	101965	5	7/19/2008 2:10 AM
Nitrobenzene	BRL	500		mg/Kg	101965	5	7/19/2008 2:10 AM
N-Nitrosodi-n-propylamine	BRL	500		mg/Kg	101965	5	7/19/2008 2:10 AM
N-Nitrosodiphenylamine	BRL	500		mg/Kg	101965	5	7/19/2008 2:10 AM
Pentachlorophenol	BRL	2500		mg/Kg	101965	5	7/19/2008 2:10 AM
Phenanthrene	BRL	500		mg/Kg	101965	5	7/19/2008 2:10 AM
Phenol	BRL	500		mg/Kg	101965	5	7/19/2008 2:10 AM

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- BRL Below Reporting Limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated Method Blank

- E Estimated (Value above quantitation range)
- S Surrogate Recovery outside accepted recovery limits
- Narr See Case Narrative
- NC Not Confirmed

Analytical Environmental Services, Inc.

Date: 24-Jul-08

CLIENT: TN and Associates
Project: Tuscaloosa ER
Lab ID: 0807A92-006

Client Sample ID: TAR 3
Collection Date: 7/15/2008 1:05:00 PM
Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
TCL-SEMIVOLATILE ORGANICS		SW8270C		(SW3580)	Analyst: YH		
Pyrene	BRL	500		mg/Kg	101965	5	7/19/2008 2:10 AM
Surr: 2,4,6-Tribromophenol	86.6	52.2-161		%REC	101965	5	7/19/2008 2:10 AM
Surr: 2-Fluorobiphenyl	92.9	65.4-139		%REC	101965	5	7/19/2008 2:10 AM
Surr: 2-Fluorophenol	78.2	44-152		%REC	101965	5	7/19/2008 2:10 AM
Surr: 4-Terphenyl-d14	92.9	56-140		%REC	101965	5	7/19/2008 2:10 AM
Surr: Nitrobenzene-d5	79.5	49.8-149		%REC	101965	5	7/19/2008 2:10 AM
Surr: Phenol-d5	77.9	45.3-148		%REC	101965	5	7/19/2008 2:10 AM
TCL VOLATILE ORGANICS		SW8260B		(SW5035)	Analyst: NWH		
1,1,1-Trichloroethane	BRL	250000		ug/Kg	102134	5000	7/22/2008 8:05 PM
1,1,2,2-Tetrachloroethane	BRL	250000		ug/Kg	102134	5000	7/22/2008 8:05 PM
1,1,2-Trichloroethane	BRL	250000		ug/Kg	102134	5000	7/22/2008 8:05 PM
1,1-Dichloroethane	BRL	250000		ug/Kg	102134	5000	7/22/2008 8:05 PM
1,1-Dichloroethene	BRL	250000		ug/Kg	102134	5000	7/22/2008 8:05 PM
1,2,4-Trichlorobenzene	BRL	250000		ug/Kg	102134	5000	7/22/2008 8:05 PM
1,2-Dibromo-3-chloropropane	BRL	250000		ug/Kg	102134	5000	7/22/2008 8:05 PM
1,2-Dibromoethane	BRL	250000		ug/Kg	102134	5000	7/22/2008 8:05 PM
1,2-Dichlorobenzene	BRL	250000		ug/Kg	102134	5000	7/22/2008 8:05 PM
1,2-Dichloroethane	BRL	250000		ug/Kg	102134	5000	7/22/2008 8:05 PM
1,2-Dichloropropane	BRL	250000		ug/Kg	102134	5000	7/22/2008 8:05 PM
1,3-Dichlorobenzene	BRL	250000		ug/Kg	102134	5000	7/22/2008 8:05 PM
1,4-Dichlorobenzene	BRL	250000		ug/Kg	102134	5000	7/22/2008 8:05 PM
2-Butanone	BRL	2500000		ug/Kg	102134	5000	7/22/2008 8:05 PM
2-Hexanone	BRL	500000		ug/Kg	102134	5000	7/22/2008 8:05 PM
4-Methyl-2-pentanone	BRL	500000		ug/Kg	102134	5000	7/22/2008 8:05 PM
Acetone	BRL	2500000		ug/Kg	102134	5000	7/22/2008 8:05 PM
Benzene	BRL	250000		ug/Kg	102134	5000	7/22/2008 8:05 PM
Bromodichloromethane	BRL	250000		ug/Kg	102134	5000	7/22/2008 8:05 PM
Bromoform	BRL	250000		ug/Kg	102134	5000	7/22/2008 8:05 PM
Bromomethane	BRL	250000		ug/Kg	102134	5000	7/22/2008 8:05 PM
Carbon disulfide	BRL	500000		ug/Kg	102134	5000	7/22/2008 8:05 PM
Carbon tetrachloride	BRL	250000		ug/Kg	102134	5000	7/22/2008 8:05 PM
Chlorobenzene	BRL	250000		ug/Kg	102134	5000	7/22/2008 8:05 PM
Chloroethane	BRL	500000		ug/Kg	102134	5000	7/22/2008 8:05 PM
Chloroform	BRL	250000		ug/Kg	102134	5000	7/22/2008 8:05 PM
Chloromethane	BRL	500000		ug/Kg	102134	5000	7/22/2008 8:05 PM
cis-1,2-Dichloroethene	BRL	250000		ug/Kg	102134	5000	7/22/2008 8:05 PM
cis-1,3-Dichloropropene	BRL	250000		ug/Kg	102134	5000	7/22/2008 8:05 PM
Cyclohexane	1100000	250000		ug/Kg	102134	5000	7/22/2008 8:05 PM
Dibromochloromethane	BRL	250000		ug/Kg	102134	5000	7/22/2008 8:05 PM
Dichlorodifluoromethane	BRL	500000		ug/Kg	102134	5000	7/22/2008 8:05 PM
Ethylbenzene	BRL	250000		ug/Kg	102134	5000	7/22/2008 8:05 PM

Qualifiers:	* Value exceeds Maximum Contaminant Level	E Estimated (Value above quantitation range)
BRL	Below Reporting Limit	S Surrogate Recovery outside accepted recovery limits
H	Holding times for preparation or analysis exceeded	Narr See Case Narrative
N	Analyte not NELAC certified	NC Not Confirmed
B	Analyte detected in the associated Method Blank	

Analytical Environmental Services, Inc.

Date: 24-Jul-08

CLIENT: TN and Associates
Project: Tuscaloosa ER
Lab ID: 0807A92-006

Client Sample ID: TAR 3
Collection Date: 7/15/2008 1:05:00 PM
Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
TCL VOLATILE ORGANICS							
		SW8260B			(SW5035)		Analyst: NWH
Freon-113	BRL	500000		ug/Kg	102134	5000	7/22/2008 8:05 PM
Isopropylbenzene	BRL	250000		ug/Kg	102134	5000	7/22/2008 8:05 PM
m,p-Xylene	BRL	500000		ug/Kg	102134	5000	7/22/2008 8:05 PM
Methyl acetate	BRL	250000		ug/Kg	102134	5000	7/22/2008 8:05 PM
Methyl tert-butyl ether	BRL	250000		ug/Kg	102134	5000	7/22/2008 8:05 PM
Methylcyclohexane	BRL	250000		ug/Kg	102134	5000	7/22/2008 8:05 PM
Methylene chloride	BRL	250000		ug/Kg	102134	5000	7/22/2008 8:05 PM
o-Xylene	BRL	250000		ug/Kg	102134	5000	7/22/2008 8:05 PM
Styrene	BRL	250000		ug/Kg	102134	5000	7/22/2008 8:05 PM
Tetrachloroethene	BRL	250000		ug/Kg	102134	5000	7/22/2008 8:05 PM
Toluene	BRL	250000		ug/Kg	102134	5000	7/22/2008 8:05 PM
trans-1,2-Dichloroethene	BRL	250000		ug/Kg	102134	5000	7/22/2008 8:05 PM
trans-1,3-Dichloropropene	BRL	250000		ug/Kg	102134	5000	7/22/2008 8:05 PM
Trichloroethene	BRL	250000		ug/Kg	102134	5000	7/22/2008 8:05 PM
Trichlorofluoromethane	BRL	250000		ug/Kg	102134	5000	7/22/2008 8:05 PM
Vinyl chloride	BRL	500000		ug/Kg	102134	5000	7/22/2008 8:05 PM
Surr: 4-Bromofluorobenzene	92.7	57.7-127		%REC	102134	5000	7/22/2008 8:05 PM
Surr: Dibromofluoromethane	90.0	61.7-143		%REC	102134	5000	7/22/2008 8:05 PM
Surr: Toluene-d8	89.2	73-127		%REC	102134	5000	7/22/2008 8:05 PM
IGNITABILITY							
		SW1010					Analyst: MAS
Ignitability	180	0	>	°F		1	7/22/2008 9:00 AM
LABORATORY HYDROGEN ION (PH)							
		SW9045D			(SW9045D)		Analyst: CG
pH	2.01	0.01		pH Units	102049	1	7/21/2008 1:00 PM

Qualifiers:	* Value exceeds Maximum Contaminant Level	E Estimated (Value above quantitation range)
BRL	Below Reporting Limit	S Surrogate Recovery outside accepted recovery limits
H	Holding times for preparation or analysis exceeded	Narr See Case Narrative
N	Analyte not NELAC certified	NC Not Confirmed
B	Analyte detected in the associated Method Blank	

CLIENT: TN and Associates

Work Order: 0807A92

Project: Tuscaloosa ER

ANALYTICAL QC SUMMARY REPORT

TestCode: 1010_X

Sample ID: LCS-R129696	SampType: LCS	TestCode: 1010_X	Units: °F	Prep Date:	RunNo: 129696						
Client ID:	Batch ID: R129696	TestNo: SW1010		Analysis Date: 7/21/2008	SeqNo: 2644199						
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Ignitability	82	0	80	0	103	93.8	106.2	0	0	0	

Sample ID: 0807A92-001BDUP	SampType: DUP	TestCode: 1010_X	Units: °F	Prep Date:	RunNo: 129696						
Client ID: DRUM 1	Batch ID: R129696	TestNo: SW1010		Analysis Date: 7/21/2008	SeqNo: 2644213						
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Ignitability	180	0	0	0	0	0	0	0	0	0	>

Qualifiers:	B	Analyte detected in the associated Method Blank	BRL	Below Reporting Limit	E	Estimated value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified
	R	RPD outside limits due to matrix	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix

CLIENT: TN and Associates
 Work Order: 0807A92
 Project: Tuscaloosa ER

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010B_X

Sample ID: MB-101907	SampType: MBLK	TestCode: 6010B_X	Units: mg/Kg	Prep Date: 7/17/2008	RunNo: 129453						
Client ID:	Batch ID: 101907	TestNo: SW6010B		Analysis Date: 7/17/2008	SeqNo: 2638546						
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	BRL	5.0	0	0	0	0	0	0	0		
Barium	BRL	5.0	0	0	0	0	0	0	0		
Cadmium	BRL	2.5	0	0	0	0	0	0	0		
Chromium	BRL	2.5	0	0	0	0	0	0	0		
Lead	BRL	5.0	0	0	0	0	0	0	0		
Selenium	BRL	5.0	0	0	0	0	0	0	0		
Silver	BRL	2.5	0	0	0	0	0	0	0		

Sample ID: LCS-101907	SampType: LCS	TestCode: 6010B_X	Units: mg/Kg	Prep Date: 7/17/2008	RunNo: 129453						
Client ID:	Batch ID: 101907	TestNo: SW6010B		Analysis Date: 7/17/2008	SeqNo: 2638545						
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	46.59	5.0	50	0	93.2	85	115	0	0		
Barium	48.52	5.0	50	0	97	85	115	0	0		
Cadmium	47.55	2.5	50	0	95.1	85	115	0	0		
Chromium	52.28	2.5	50	0	105	85	115	0	0		
Lead	47.54	5.0	50	0	95.1	85	115	0	0		
Selenium	45.66	5.0	50	0	91.3	85	115	0	0		
Silver	4.753	2.5	5	0	95.1	85	115	0	0		

Sample ID: 0807801-004AMS		SampType: MS		TestCode: 6010B_X		Units: mg/Kg		Prep Date: 7/17/2008		RunNo: 129453	
Client ID:		Batch ID: 101907		TestNo: SW6010B				Analysis Date: 7/17/2008		SeqNo: 2638553	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	27.54	2.9	29.27	0	94.1	75	125	0	0		
Barium	37.42	2.9	29.27	5.133	110	75	125	0	0		
Cadmium	27.66	1.5	29.27	0	94.5	75	125	0	0		
Chromium	31.84	1.5	29.27	0	109	75	125	0	0		
Lead	428.4	2.9	29.27	235.7	659	75	125	0	0		S
Selenium	26.69	2.9	29.27	0	91.2	75	125	0	0		

Qualifiers:	B	Analyte detected in the associated Method Blank	BRL	Below Reporting Limit	E	Estimated value above quantitation range
H		Holding times for preparation or analysis exceeded	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified
R		RPD outside limits due to matrix	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix

CLIENT: TN and Associates
 Work Order: 0807A92
 Project: Tuscaloosa ER

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010B_X

Sample ID: 0807801-004AMS	SampType: MS	TestCode: 6010B_X	Units: mg/Kg	Prep Date: 7/17/2008	RunNo: 129453						
Client ID:	Batch ID: 101907	TestNo: SW6010B		Analysis Date: 7/17/2008	SeqNo: 2638553						
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Silver	2.752	1.5	2.927	0	94	75	125	0	0		

Sample ID: 0807801-004AMSD	SampType: MSD	TestCode: 6010B_X	Units: mg/Kg	Prep Date: 7/17/2008	RunNo: 129453						
Client ID:	Batch ID: 101907	TestNo: SW6010B		Analysis Date: 7/17/2008	SeqNo: 2638554						
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	26.76	2.8	28.43	0	94.1	75	125	27.54	2.90	20	
Barium	31.56	2.8	28.43	5.133	93	75	125	37.42	17.0	20	
Cadmium	26.91	1.4	28.43	0	94.7	75	125	27.66	2.73	20	
Chromium	30.53	1.4	28.43	0	107	75	125	31.84	4.18	20	
Lead	204.5	2.8	28.43	235.7	-110	75	125	428.4	70.8	20	SR
Selenium	25.95	2.8	28.43	0	91.3	75	125	26.69	2.80	20	
Silver	2.69	1.4	2.843	0	94.6	75	125	2.752	2.30	20	

Qualifiers:	B	Analyte detected in the associated Method Blank	BRL	Below Reporting Limit	E	Estimated value above quantitation range
H	H	Holding times for preparation or analysis exceeded	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified
R	R	RPD outside limits due to matrix	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix

CLIENT: TN and Associates
 Work Order: 0807A92
 Project: Tuscaloosa ER

ANALYTICAL QC SUMMARY REPORT

TestCode: 7471A_X

Sample ID: MB-102029	SampType: MBLK	TestCode: 7471A_X	Units: mg/Kg	Prep Date: 7/21/2008	RunNo: 129693						
Client ID:	Batch ID: 102029	TestNo: SW7471A		Analysis Date: 7/21/2008	SeqNo: 2645907						
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	BRL	0.100	0	0	0	0	0	0	0	0	

Sample ID: LCS-102029	SampType: LCS	TestCode: 7471A_X	Units: mg/Kg	Prep Date: 7/21/2008	RunNo: 129693						
Client ID:	Batch ID: 102029	TestNo: SW7471A		Analysis Date: 7/21/2008	SeqNo: 2645910						
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.4838	0.100	0.4	0	121	80	120	0	0	0	S

Sample ID: 0807A92-001BMS	SampType: MS	TestCode: 7471A_X	Units: mg/Kg	Prep Date: 7/21/2008	RunNo: 129693						
Client ID: DRUM 1	Batch ID: 102029	TestNo: SW7471A		Analysis Date: 7/21/2008	SeqNo: 2646067						
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.3848	0.0994	0.3976	0	96.8	70	130	0	0	0	

Sample ID: 0807A92-001BMSD	SampType: MSD	TestCode: 7471A_X	Units: mg/Kg	Prep Date: 7/21/2008	RunNo: 129693						
Client ID: DRUM 1	Batch ID: 102029	TestNo: SW7471A		Analysis Date: 7/21/2008	SeqNo: 2646069						
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.3766	0.0994	0.3976	0	94.7	70	130	0.3848	2.16	30	

Qualifiers:	B	Analyte detected in the associated Method Blank	BRL	Below Reporting Limit	E	Estimated value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified
	R	RPD outside limits due to matrix	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix

CLIENT: TN and Associates
 Work Order: 0807A92
 Project: Tuscaloosa ER

ANALYTICAL QC SUMMARY REPORT

TestCode: 8081 TCL X

Sample ID: MB-101968	SampType: MBLK	TestCode: 8081_TCL_X	Units: mg/Kg	Prep Date: 7/18/2008	RunNo: 129783						
Client ID:	Batch ID: 101968	TestNo: SW8081A		Analysis Date: 7/21/2008	SeqNo: 2646149						
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4'-DDD	BRL	0.10	0	0	0	0	0	0	0	0	
4,4'-DDE	BRL	0.10	0	0	0	0	0	0	0	0	
4,4'-DDT	BRL	0.10	0	0	0	0	0	0	0	0	
Aldrin	BRL	0.050	0	0	0	0	0	0	0	0	
alpha-BHC	BRL	0.050	0	0	0	0	0	0	0	0	
alpha-Chlordane	BRL	0.050	0	0	0	0	0	0	0	0	
beta-BHC	BRL	0.050	0	0	0	0	0	0	0	0	
Chlordane	BRL	5.0	0	0	0	0	0	0	0	0	
delta-BHC	BRL	0.050	0	0	0	0	0	0	0	0	
Dieldrin	BRL	0.10	0	0	0	0	0	0	0	0	
Endosulfan I	BRL	0.050	0	0	0	0	0	0	0	0	
Endosulfan II	BRL	0.10	0	0	0	0	0	0	0	0	
Endosulfan sulfate	BRL	0.10	0	0	0	0	0	0	0	0	
Endrin	BRL	0.10	0	0	0	0	0	0	0	0	
Endrin aldehyde	BRL	0.10	0	0	0	0	0	0	0	0	
Endrin ketone	BRL	0.10	0	0	0	0	0	0	0	0	
gamma-BHC	BRL	0.050	0	0	0	0	0	0	0	0	
gamma-Chlordane	BRL	0.050	0	0	0	0	0	0	0	0	
Heptachlor	BRL	0.050	0	0	0	0	0	0	0	0	
Heptachlor epoxide	BRL	0.050	0	0	0	0	0	0	0	0	
Methoxychlor	BRL	0.50	0	0	0	0	0	0	0	0	
Toxaphene	BRL	5.0	0	0	0	0	0	0	0	0	
Surr: Decachlorobiphenyl	0.4378	0	0.5	0	87.6	30	150	0	0	0	
Surr: Tetrachloro-m-xylene	0.4601	0	0.5	0	92	30	150	0	0	0	

Sample ID: LCS-101968	SampType: LCS	TestCode: 8081_TCL_X	Units: mg/Kg	Prep Date: 7/18/2008	RunNo: 129783						
Client ID:	Batch ID: 101968	TestNo: SW8081A		Analysis Date: 7/21/2008	SeqNo: 2646151						
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4'-DDT	0.646	0.10	1.25	0	51.7	38	127	0	0	0	

Qualifiers:	B	Analyte detected in the associated Method Blank	BRL	Below Reporting Limit	E	Estimated value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified
	R	RPD outside limits due to matrix	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix

CLIENT: TN and Associates
Work Order: 0807A92
Project: Tuscaloosa ER

ANALYTICAL QC SUMMARY REPORT

TestCode: 8081_TCL_X

Sample ID: LCS-101968	SampType: LCS	TestCode: 8081_TCL_X	Units: mg/Kg	Prep Date: 7/18/2008	RunNo: 129783						
Client ID:	Batch ID: 101968	TestNo: SW8081A		Analysis Date: 7/21/2008	SeqNo: 2646151						
Analyte	Result	RPT Limit	SPK value	SPK RefVal	%REC	LowLimit	HighLimit	RPD RefVal	%RPD	RPDLimit	Qual
Aldrin	0.4497	0.050	0.5	0	89.9	40	120	0	0		
Dieldrin	1.078	0.10	1.25	0	86.2	52	126	0	0		
Endrin	1.052	0.10	1.25	0	84.1	56	121	0	0		
gamma-BHC	0.397	0.050	0.5	0	79.4	56	123	0	0		
Heptachlor	0.4203	0.050	0.5	0	84.1	40	131	0	0		
Surr: Decachlorobiphenyl	0.5245	0	0.5	0	105	30	150	0	0		
Surr: Tetrachloro-m-xylene	0.5666	0	0.5	0	113	30	150	0	0		

Sample ID: 0807A92-002BMS	SampType: MS	TestCode: 8081_TCL_X	Units: mg/Kg	Prep Date: 7/18/2008	RunNo: 129783						
Client ID: DRUM 2	Batch ID: 101968	TestNo: SW8081A		Analysis Date: 7/21/2008	SeqNo: 2646159						
Analyte	Result	RPT Limit	SPK value	SPK RefVal	%REC	LowLimit	HighLimit	RPD RefVal	%RPD	RPDLimit	Qual
4,4'-DDT	0.6985	0.098	1.225	0	57	38	127	0	0		
Aldrin	0.3837	0.049	0.4902	0	78.3	40	120	0	0		
Dieldrin	1.167	0.098	1.225	0	95.2	52	126	0	0		
Endrin	0.7871	0.098	1.225	0	64.2	56	121	0	0		
gamma-BHC	0.3493	0.049	0.4902	0	71.3	56	123	0	0		
Heptachlor	0.4145	0.049	0.4902	0	84.5	40	131	0	0		
Surr: Decachlorobiphenyl	0.4503	0	0.4902	0	91.9	30	150	0	0		
Surr: Tetrachloro-m-xylene	0.4745	0	0.4902	0	96.8	30	150	0	0		

Sample ID: 0807A92-002BMSD	SampType: MSD	TestCode: 8081_TCL_X	Units: mg/Kg	Prep Date: 7/18/2008	RunNo: 129783						
Client ID: DRUM 2	Batch ID: 101968	TestNo: SW8081A		Analysis Date: 7/21/2008	SeqNo: 2646197						
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4'-DDT	0.6469	0.099	1.238	0	52.3	38	127	0.6985	7.67	0	
Aldrin	0.4108	0.050	0.495	0	83	40	120	0.3837	6.83	0	
Dieldrin	1.005	0.099	1.238	0	81.2	52	126	1.167	14.9	0	
Endrin	0.7205	0.099	1.238	0	58.2	56	121	0.7871	8.83	0	
gamma-BHC	0.2894	0.050	0.495	0	58.5	56	123	0.3493	18.8	0	

Qualifiers:	B	Analyte detected in the associated Method Blank	BRL	Below Reporting Limit	E	Estimated value above quantitation range
H		Holding times for preparation or analysis exceeded	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified
R		RPD outside limits due to matrix	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix

CLIENT: TN and Associates
Work Order: 0807A92
Project: Tuscaloosa ER

ANALYTICAL QC SUMMARY REPORT

TestCode: 8081_TCL_X

Sample ID: 0807A92-002BMSD	SampType: MSD	TestCode: 8081_TCL_X	Units: mg/Kg	Prep Date: 7/18/2008	RunNo: 129783						
Client ID: DRUM 2	Batch ID: 101968	TestNo: SW8081A		Analysis Date: 7/21/2008	SeqNo: 2646197						
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Heptachlor	0.3013	0.050	0.495	0	60.9	40	131	0.4145	31.6	0	
Surr: Decachlorobiphenyl	0.4788	0	0.495	0	96.7	30	150	0.4503	0	0	
Surr: Tetrachloro-m-xylene	0.309	0	0.495	0	62.4	30	150	0.4745	0	0	

Qualifiers:	B	Analyte detected in the associated Method Blank	BRL	Below Reporting Limit	E	Estimated value above quantitation range
H	H	Holding times for preparation or analysis exceeded	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified
R	R	RPD outside limits due to matrix	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix

CLIENT: TN and Associates
 Work Order: 0807A92
 Project: Tuscaloosa ER

ANALYTICAL QC SUMMARY REPORT

TestCode: 8082_X

Sample ID: MB-101967	SampType: MBLK	TestCode: 8082_X	Units: mg/Kg	Prep Date: 7/18/2008	RunNo: 129778						
Client ID:	Batch ID: 101967	TestNo: SW8082		Analysis Date: 7/21/2008	SeqNo: 2645966						
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1016	BRL	1.0	0	0	0	0	0	0	0	0	
Aroclor 1221	BRL	1.0	0	0	0	0	0	0	0	0	
Aroclor 1232	BRL	1.0	0	0	0	0	0	0	0	0	
Aroclor 1242	BRL	1.0	0	0	0	0	0	0	0	0	
Aroclor 1248	BRL	1.0	0	0	0	0	0	0	0	0	
Aroclor 1254	BRL	1.0	0	0	0	0	0	0	0	0	
Aroclor 1260	BRL	1.0	0	0	0	0	0	0	0	0	
Surr: Decachlorobiphenyl	0.5065	0	0.5	0	101	17.5	197	0	0	0	
Surr: Tetrachloro-m-xylene	0.476	0	0.5	0	95.2	10.7	172	0	0	0	

Sample ID: LCS-101967	SampType: LCS	TestCode: 8082_X	Units: mg/Kg	Prep Date: 7/18/2008	RunNo: 129778						
Client ID:	Batch ID: 101967	TestNo: SW8082		Analysis Date: 7/21/2008	SeqNo: 2645968						
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1016	5.767	1.0	5	0	115	59.1	164	0	0	0	
Aroclor 1260	5.597	1.0	5	0	112	39.7	176	0	0	0	
Surr: Decachlorobiphenyl	0.5354	0	0.5	0	107	17.5	197	0	0	0	
Surr: Tetrachloro-m-xylene	0.7744	0	0.5	0	155	10.7	172	0	0	0	

Sample ID: 0807C10-007BMS	SampType: MS	TestCode: 8082_X	Units: mg/Kg	Prep Date: 7/18/2008	RunNo: 129778						
Client ID:	Batch ID: 101967	TestNo: SW8082		Analysis Date: 7/21/2008	SeqNo: 2645971						
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1016	4.138	0.99	4.95	0	83.6	27.4	142	0	0	0	
Aroclor 1260	3.273	0.99	4.95	0	66.1	17.6	151	0	0	0	
Surr: Decachlorobiphenyl	0.3275	0	0.495	0	66.2	17.5	197	0	0	0	
Surr: Tetrachloro-m-xylene	0.3454	0	0.495	0	69.8	10.7	172	0	0	0	

Qualifiers:	B	Analyte detected in the associated Method Blank	BRL	Below Reporting Limit	E	Estimated value above quantitation range
H		Holding times for preparation or analysis exceeded	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified
R		RPD outside limits due to matrix	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix

CLIENT: TN and Associates
 Work Order: 0807A92
 Project: Tuscaloosa ER

ANALYTICAL QC SUMMARY REPORT

TestCode: 8082_X

Sample ID: 0807C10-007BMSD	SampType: MSD	TestCode: 8082_X	Units: mg/Kg	Prep Date: 7/18/2008	RunNo: 129778						
Client ID:	Batch ID: 101967	TestNo: SW8082		Analysis Date: 7/21/2008	SeqNo: 2645972						
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	4.142	0.99	4.95	0	83.7	27.4	142	4.138	0.0962	22.3	
Aroclor 1260	3.516	0.99	4.95	0	71	17.6	151	3.273	7.14	21.2	
Surr: Decachlorobiphenyl	0.3372	0	0.495	0	68.1	17.5	197	0.3275	0	0	
Surr: Tetrachloro-m-xylene	0.3705	0	0.495	0	74.8	10.7	172	0.3454	0	0	

Qualifiers:	B	Analyte detected in the associated Method Blank	BRL	Below Reporting Limit	E	Estimated value above quantitation range
H		Holding times for preparation or analysis exceeded	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified
R		RPD outside limits due to matrix	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix

CLIENT: TN and Associates
Work Order: 0807A92
Project: Tuscaloosa ER

ANALYTICAL QC SUMMARY REPORT

TestCode: 8151_TCL_X

Sample ID: MB-101966		SampType: MBLK		TestCode: 8151_TCL_X		Units: ug/Kg		Prep Date: 7/18/2008		RunNo: 129852	
Client ID:		Batch ID: 101966		TestNo: SW8151A				Analysis Date: 7/22/2008		SeqNo: 2647728	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,4,5-T	BRL	2000	0	0	0	0	0	0	0	0	
2,4,5-TP (Silvex)	BRL	2000	0	0	0	0	0	0	0	0	
2,4-D	BRL	2000	0	0	0	0	0	0	0	0	
2,4-DB	BRL	5000	0	0	0	0	0	0	0	0	
Dalapon	BRL	5000	0	0	0	0	0	0	0	0	
Dicamba	BRL	2000	0	0	0	0	0	0	0	0	
Dichlorprop	BRL	2000	0	0	0	0	0	0	0	0	
Dinoseb	BRL	5000	0	0	0	0	0	0	0	0	
MCPA	BRL	500000	0	0	0	0	0	0	0	0	
MCPP	BRL	500000	0	0	0	0	0	0	0	0	
Surr: DCAA	4249	0	5000	0	85	20	127	0		0	

Sample ID: LCS-101966		SampType: LCS		TestCode: 8151_TCL_X		Units: ug/Kg		Prep Date: 7/18/2008		RunNo: 129852	
Client ID:		Batch ID: 101966		TestNo: SW8151A				Analysis Date: 7/22/2008		SeqNo: 2647733	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,4,5-T	3352	2000	5000	0	67	19	125	0	0	0	
2,4,5-TP (Silvex)	5270	2000	5000	0	105	25	120	0	0	0	
2,4-D	3442	2000	5000	0	68.8	18	139	0	0	0	
Dicamba	4586	2000	5000	0	91.7	28	123	0	0	0	
Dichlorprop	3724	2000	5000	0	74.5	11	142	0	0	0	
Surr: DCAA	4037	0	5000	0	80.7	20	127	0	0	0	

Sample ID: 0807A92-002BMS		SampType: MS		TestCode: 8151_TCL_X		Units: ug/Kg		Prep Date: 7/18/2008		RunNo: 129852	
Client ID: DRUM 2		Batch ID: 101966		TestNo: SW8151A				Analysis Date: 7/22/2008		SeqNo: 2647746	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,4,5-T	BRL	9400	4717	0	0	40	150	0	0	0	S
2,4,5-TP (Silvex)	BRL	9400	4717	0	0	40	150	0	0	0	S
2,4-D	BRL	9400	4717	0	0	40	150	0	0	0	S

Qualifiers: B Analyte detected in the associated Method Blank BRL Below Reporting Limit E Estimated value above quantitation range
H Holding times for preparation or analysis exceeded J Estimated value detected below Reporting Limit N Analyte not NELAC certified
R RPD outside limits due to matrix Rpt Lim Reporting Limit S Spike Recovery outside limits due to matrix

CLIENT: TN and Associates
 Work Order: 0807A92
 Project: Tuscaloosa ER

ANALYTICAL QC SUMMARY REPORT

TestCode: 8151_TCL_X

Sample ID: 0807A92-002BMS	SampType: MS	TestCode: 8151_TCL_X	Units: ug/Kg	Prep Date: 7/18/2008	RunNo: 129852						
Client ID: DRUM 2	Batch ID: 101966	TestNo: SW8151A		Analysis Date: 7/22/2008	SeqNo: 2647746						
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Dicamba	BRL	9400	4717	0	0	40	150	0	0		S
Dichlorprop	BRL	9400	4717	0	0	40	150	0	0		S
Surr: DCAA	307.1	0	4717	0	6.51	20	127	0	0		S

Sample ID: 0807A92-002BMSD	SampType: MSD	TestCode: 8151_TCL_X	Units: ug/Kg	Prep Date: 7/18/2008	RunNo: 129852						
Client ID: DRUM 2	Batch ID: 101966	TestNo: SW8151A		Analysis Date: 7/22/2008	SeqNo: 2647749						
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

2,4,5-T	BRL	9600	4808	0	0	40	150	0	0	48	S
2,4,5-TP (Silvex)	BRL	9600	4808	0	0	40	150	0	0	41	S
2,4-D	BRL	9600	4808	0	0	40	150	0	0	45	S
Dicamba	BRL	9600	4808	0	0	40	150	0	0	42	S
Dichlorprop	BRL	9600	4808	0	0	40	150	0	0	40	S
Surr: DCAA	387.9	0	4808	0	8.07	20	127	307.1	0	0	S

Qualifiers:	B	Analyte detected in the associated Method Blank	BRL	Below Reporting Limit	E	Estimated value above quantitation range
H		Holding times for preparation or analysis exceeded	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified
R		RPD outside limits due to matrix	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix

CLIENT: TN and Associates
 Work Order: 0807A92
 Project: Tuscaloosa ER

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_TCL4.2_X

Sample ID: MB-102134	SampType: MBLK	TestCode: 8260_TCL4.2	Units: ug/Kg	Prep Date: 7/22/2008	RunNo: 129768						
Client ID:	Batch ID: 102134	TestNo: SW8260B		Analysis Date: 7/22/2008	SeqNo: 2646664						
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1,1-Trichloroethane	BRL	250									
1,1,2,2-Tetrachloroethane	BRL	250									
1,1,2-Trichloroethane	BRL	250									
1,1-Dichloroethane	BRL	250									
1,1-Dichloroethene	BRL	250									
1,2,4-Trichlorobenzene	BRL	250									
1,2-Dibromo-3-chloropropane	BRL	250									
1,2-Dibromoethane	BRL	250									
1,2-Dichlorobenzene	BRL	250									
1,2-Dichloroethane	BRL	250									
1,2-Dichloropropane	BRL	250									
1,3-Dichlorobenzene	BRL	250									
1,4-Dichlorobenzene	BRL	250									
2-Butanone	BRL	2500									
2-Hexanone	BRL	500									
4-Methyl-2-pentanone	BRL	500									
Acetone	BRL	2500									
Benzene	BRL	250									
Bromodichloromethane	BRL	250									
Bromoform	BRL	250									
Bromomethane	BRL	250									
Carbon disulfide	BRL	500									
Carbon tetrachloride	BRL	250									
Chlorobenzene	BRL	250									
Chloroethane	BRL	500									
Chloroform	BRL	250									
Chloromethane	BRL	500									
cis-1,2-Dichloroethene	BRL	250									
cis-1,3-Dichloropropene	BRL	250									
Cyclohexane	BRL	250									
Dibromochloromethane	BRL	250									

Qualifiers:	B	Analyte detected in the associated Method Blank	BRL	Below Reporting Limit	E	Estimated value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified
	R	RPD outside limits due to matrix	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix

CLIENT: TN and Associates
 Work Order: 0807A92
 Project: Tuscaloosa ER

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260 TCL4.2 X

Sample ID: MB-102134	SampType: MBLK	TestCode: 8260_TCL4.2	Units: ug/Kg	Prep Date: 7/22/2008	RunNo: 129768						
Client ID:	Batch ID: 102134	TestNo: SW8260B		Analysis Date: 7/22/2008	SeqNo: 2646664						
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Dichlorodifluoromethane	BRL	500									
Ethylbenzene	BRL	250									
Freon-113	BRL	500									
Isopropylbenzene	BRL	250									
m,p-Xylene	BRL	500									
Methyl acetate	BRL	250									
Methyl tert-butyl ether	BRL	250									
Methylcyclohexane	BRL	250									
Methylene chloride	BRL	250									
o-Xylene	BRL	250									
Styrene	BRL	250									
Tetrachloroethene	BRL	250									
Toluene	BRL	250									
trans-1,2-Dichloroethene	BRL	250									
trans-1,3-Dichloropropene	BRL	250									
Trichloroethene	BRL	250									
Trichlorofluoromethane	BRL	250									
Vinyl chloride	BRL	500									
Surr: 4-Bromofluorobenzene	2200	0	2500	0	88	57.7	127	0	0	0	
Surr: Dibromofluoromethane	2276	0	2500	0	91	61.7	143	0	0	0	
Surr: Toluene-d8	2245	0	2500	0	89.8	73	127	0	0	0	

Sample ID: LCS-102134	SampType: LCS	TestCode: 8260_TCL4.2	Units: ug/Kg	Prep Date: 7/22/2008	RunNo: 129768						
Client ID:	Batch ID: 102134	TestNo: SW8260B		Analysis Date: 7/22/2008	SeqNo: 2646666						
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1-Dichloroethene	2316	250	2500	0	92.6	54.6	159	0	0	0	
Benzene	2442	250	2500	0	97.7	60.5	133	0	0	0	
Chlorobenzene	2303	250	2500	0	92.1	59.7	128	0	0	0	
Toluene	2396	250	2500	0	95.8	68.7	141	0	0	0	

Qualifiers:	B	Analyte detected in the associated Method Blank	BRL	Below Reporting Limit	E	Estimated value above quantitation range
H		Holding times for preparation or analysis exceeded	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified
R		RPD outside limits due to matrix	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix

CLIENT: TN and Associates
Work Order: 0807A92
Project: Tuscaloosa ER

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_TCL4.2_X

Sample ID: LCS-102134	SampType: LCS	TestCode: 8260_TCL4.2	Units: ug/Kg	Prep Date: 7/22/2008	RunNo: 129768						
Client ID:	Batch ID: 102134	TestNo: SW8260B		Analysis Date: 7/22/2008	SeqNo: 2646666						
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Trichloroethene	2428	2500	2500	0	97.1	58.6	136	0	0		
Surr: 4-Bromofluorobenzene	2360	0	2500	0	94.4	57.7	127	0	0		
Surr: Dibromofluoromethane	2260	0	2500	0	90.4	61.7	143	0	0		
Surr: Toluene-d8	2264	0	2500	0	90.6	73	127	0	0		

Sample ID: 0807A92-003AMS	SampType: MS	TestCode: 8260_TCL4.2	Units: ug/Kg	Prep Date: 7/22/2008	RunNo: 129768						
Client ID: DRUM 3	Batch ID: 102134	TestNo: SW8260B		Analysis Date: 7/22/2008	SeqNo: 2646678						
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1-Dichloroethene	23040	2500	24750	0	93.1	51.2	155	0	0		
Benzene	26170	2500	24750	0	106	69.3	138	0	0		
Chlorobenzene	25340	2500	24750	0	102	69.1	132	0	0		
Toluene	25600	2500	24750	0	103	70.8	141	0	0		
Trichloroethene	25250	2500	24750	0	102	62.1	147	0	0		
Surr: 4-Bromofluorobenzene	23370	0	24750	0	94.4	57.7	127	0	0		
Surr: Dibromofluoromethane	21900	0	24750	0	88.5	61.7	143	0	0		
Surr: Toluene-d8	22480	0	24750	0	90.8	73	127	0	0		

Sample ID: 0807A92-003AMSD	SampType: MSD	TestCode: 8260_TCL4.2	Units: ug/Kg	Prep Date: 7/22/2008	RunNo: 129768						
Client ID: DRUM 3	Batch ID: 102134	TestNo: SW8260B		Analysis Date: 7/22/2008	SeqNo: 2646679						
Analyte	Result	RPT Limit	SPK value	SPK RefVal	%REC	LowLimit	HighLimit	RPD RefVal	%RPD	RPDLimit	Qual

1,1-Dichloroethene	20950	2500	24750	0	84.6	51.2	155	23040	9.52	26.5	
Benzene	25590	2500	24750	0	103	69.3	138	26170	2.26	20	
Chlorobenzene	24860	2500	24750	0	100	69.1	132	25340	1.91	20	
Toluene	24490	2500	24750	0	98.9	70.8	141	25600	4.43	20	
Trichloroethene	24340	2500	24750	0	98.3	62.1	147	25250	3.69	20	
Surr: 4-Bromofluorobenzene	23230	0	24750	0	93.8	57.7	127	23370	0	0	
Surr: Dibromofluoromethane	21790	0	24750	0	88	61.7	143	21900	0	0	
Surr: Toluene-d8	22740	0	24750	0	91.9	73	127	22480	0	0	

Qualifiers:	B	Analyte detected in the associated Method Blank	BRL	Below Reporting Limit	E	Estimated value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified
	R	RPD outside limits due to matrix	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix

CLIENT: TN and Associates
 Work Order: 0807A92
 Project: Tuscaloosa ER

ANALYTICAL QC SUMMARY REPORT

TestCode: 8270_TCL4.2_X

Sample ID: MB-101965	SampType: MBLK	TestCode: 8270_TCL4.2	Units: mg/Kg	Prep Date: 7/18/2008	RunNo: 129640						
Client ID:	Batch ID: 101965	TestNo: SW8270C		Analysis Date: 7/18/2008	SeqNo: 2643106						
Analyte	Result	RPT Limit	SPK value	SPK RefVal	%REC	LowLimit	HightLimit	RPD RefVal	%RPD	RPDLimit	Qual
1,1'-Biphenyl	BRL	100	0	0	0	0	0	0	0	0	
2,4,5-Trichlorophenol	BRL	500	0	0	0	0	0	0	0	0	
2,4,6-Trichlorophenol	BRL	100	0	0	0	0	0	0	0	0	
2,4-Dichlorophenol	BRL	100	0	0	0	0	0	0	0	0	
2,4-Dimethylphenol	BRL	100	0	0	0	0	0	0	0	0	
2,4-Dinitrophenol	BRL	500	0	0	0	0	0	0	0	0	
2,4-Dinitrotoluene	BRL	100	0	0	0	0	0	0	0	0	
2,6-Dinitrotoluene	BRL	100	0	0	0	0	0	0	0	0	
2-Chloronaphthalene	BRL	100	0	0	0	0	0	0	0	0	
2-Chlorophenol	BRL	100	0	0	0	0	0	0	0	0	
2-Methylnaphthalene	BRL	100	0	0	0	0	0	0	0	0	
2-Methylphenol	BRL	100	0	0	0	0	0	0	0	0	
2-Nitroaniline	BRL	500	0	0	0	0	0	0	0	0	
2-Nitrophenol	BRL	100	0	0	0	0	0	0	0	0	
3,3'-Dichlorobenzidine	BRL	670	0	0	0	0	0	0	0	0	
3-Nitroaniline	BRL	500	0	0	0	0	0	0	0	0	
4,6-Dinitro-2-methylphenol	BRL	500	0	0	0	0	0	0	0	0	
4-Bromophenyl phenyl ether	BRL	100	0	0	0	0	0	0	0	0	
4-Chloro-3-methylphenol	BRL	100	0	0	0	0	0	0	0	0	
4-Chloroaniline	BRL	100	0	0	0	0	0	0	0	0	
4-Chlorophenyl phenyl ether	BRL	100	0	0	0	0	0	0	0	0	
4-Methylphenol	BRL	100	0	0	0	0	0	0	0	0	
4-Nitroaniline	BRL	500	0	0	0	0	0	0	0	0	
4-Nitrophenol	BRL	500	0	0	0	0	0	0	0	0	
Acenaphthene	BRL	100	0	0	0	0	0	0	0	0	
Acenaphthylene	BRL	100	0	0	0	0	0	0	0	0	
Acetophenone	BRL	100	0	0	0	0	0	0	0	0	
Anthracene	BRL	100	0	0	0	0	0	0	0	0	
Atrazine	BRL	100	0	0	0	0	0	0	0	0	
Benz(a)anthracene	BRL	100	0	0	0	0	0	0	0	0	
Benzaldehyde	BRL	100	0	0	0	0	0	0	0	0	

Qualifiers:	B	Analyte detected in the associated Method Blank			BRL	Below Reporting Limit	E	Estimated value above quantitation range	
	H	Holding times for preparation or analysis exceeded			J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	
	R	RPD outside limits due to matrix			Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix	

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CLIENT: TN and Associates
 Work Order: 0807A92
 Project: Tuscaloosa ER

ANALYTICAL QC SUMMARY REPORT

TestCode: 8270_TCL4.2_X

Sample ID: MB-101965	SampType: MBLK	TestCode: 8270_TCL4.2	Units: mg/Kg	Prep Date: 7/18/2008	RunNo: 129640						
Client ID:	Batch ID: 101965	TestNo: SW8270C		Analysis Date: 7/18/2008	SeqNo: 2643106						
Analyte	Result	RPT Limit	SPK value	SPK RefVal	%REC	LowLimit	HighLimit	RPD RefVal	%RPD	RPDLimit	Qual
Benzo(a)pyrene	BRL	100	0	0	0	0	0	0	0	0	
Benzo(b)fluoranthene	BRL	100	0	0	0	0	0	0	0	0	
Benzo(g,h,i)perylene	BRL	100	0	0	0	0	0	0	0	0	
Benzo(k)fluoranthene	BRL	100	0	0	0	0	0	0	0	0	
Bis(2-chloroethoxy)methane	BRL	100	0	0	0	0	0	0	0	0	
Bis(2-chloroethyl)ether	BRL	100	0	0	0	0	0	0	0	0	
Bis(2-chloroisopropyl)ether	BRL	100	0	0	0	0	0	0	0	0	
Bis(2-ethylhexyl)phthalate	BRL	100	0	0	0	0	0	0	0	0	
Butyl benzyl phthalate	BRL	100	0	0	0	0	0	0	0	0	
Caprolactam	BRL	100	0	0	0	0	0	0	0	0	
Carbazole	BRL	100	0	0	0	0	0	0	0	0	
Chrysene	BRL	100	0	0	0	0	0	0	0	0	
Dibenz(a,h)anthracene	BRL	100	0	0	0	0	0	0	0	0	
Dibenzofuran	BRL	100	0	0	0	0	0	0	0	0	
Diethyl phthalate	BRL	100	0	0	0	0	0	0	0	0	
Dimethyl phthalate	BRL	100	0	0	0	0	0	0	0	0	
Di-n-butyl phthalate	BRL	100	0	0	0	0	0	0	0	0	
Di-n-octyl phthalate	BRL	100	0	0	0	0	0	0	0	0	
Fluoranthene	BRL	100	0	0	0	0	0	0	0	0	
Fluorene	BRL	100	0	0	0	0	0	0	0	0	
Hexachlorobenzene	BRL	100	0	0	0	0	0	0	0	0	
Hexachlorobutadiene	BRL	100	0	0	0	0	0	0	0	0	
Hexachlorocyclopentadiene	BRL	100	0	0	0	0	0	0	0	0	
Hexachloroethane	BRL	100	0	0	0	0	0	0	0	0	
Indeno(1,2,3-cd)pyrene	BRL	100	0	0	0	0	0	0	0	0	
Isophorone	BRL	100	0	0	0	0	0	0	0	0	
Naphthalene	BRL	100	0	0	0	0	0	0	0	0	
Nitrobenzene	BRL	100	0	0	0	0	0	0	0	0	
N-Nitrosodi-n-propylamine	BRL	100	0	0	0	0	0	0	0	0	
N-Nitrosodiphenylamine	BRL	100	0	0	0	0	0	0	0	0	
Pentachlorophenol	BRL	500	0	0	0	0	0	0	0	0	

Qualifiers:	B	Analytic detected in the associated Method Blank			BRL	Below Reporting Limit	E	Estimated value above quantitation range	
	H	Holding times for preparation or analysis exceeded			J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	
	R	RPD outside limits due to matrix			Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix	

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CLIENT: TN and Associates
 Work Order: 0807A92
 Project: Tuscaloosa ER

ANALYTICAL QC SUMMARY REPORT

TestCode: 8270_TCL4.2_X

Sample ID: MB-101965	SampType: MBLK	TestCode: 8270_TCL4.2	Units: mg/Kg	Prep Date: 7/18/2008	RunNo: 129640						
Client ID:	Batch ID: 101965	TestNo: SW8270C		Analysis Date: 7/18/2008	SeqNo: 2643106						
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Phenanthrene	BRL	100	0	0	0	0	0	0	0		
Phenol	BRL	100	0	0	0	0	0	0	0		
Pyrene	BRL	100	0	0	0	0	0	0	0		
Surr: 2,4,6-Tribromophenol	1016	0	1000	0	102	52.2	161	0	0		
Surr: 2-Fluorobiphenyl	515.3	0	500	0	103	65.4	139	0	0		
Surr: 2-Fluorophenol	1038	0	1000	0	104	44	152	0	0		
Surr: 4-Terphenyl-d14	494.7	0	500	0	98.9	56	140	0	0		
Surr: Nitrobenzene-d5	501.9	0	500	0	100	49.8	149	0	0		
Surr: Phenol-d5	1020	0	1000	0	102	45.3	148	0	0		

Sample ID: LCS-101965	SampType: LCS	TestCode: 8270_TCL4.2	Units: mg/Kg	Prep Date: 7/18/2008	RunNo: 129640						
Client ID:	Batch ID: 101965	TestNo: SW8270C		Analysis Date: 7/18/2008	SeqNo: 2643109						
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,4-Dinitrotoluene	1083	100	1000	0	108	59.4	134	0	0		
2-Chlorophenol	1098	100	1000	0	110	73	122	0	0		
4-Chloro-3-methylphenol	1164	100	1000	0	116	70.8	124	0	0		
4-Nitrophenol	928.1	500	1000	0	92.8	59	118	0	0		
Acenaphthene	1085	100	1000	0	108	73.5	122	0	0		
N-Nitrosodi-n-propylamine	1140	100	1000	0	114	63.4	135	0	0		
Pentachlorophenol	973.8	500	1000	0	97.4	61.3	123	0	0		
Phenol	1042	100	1000	0	104	63.9	125	0	0		
Pyrene	1092	100	1000	0	109	66.4	126	0	0		
Surr: 2,4,6-Tribromophenol	1250	0	1000	0	125	52.2	161	0	0		
Surr: 2-Fluorobiphenyl	600.4	0	500	0	120	65.4	139	0	0		
Surr: 2-Fluorophenol	1172	0	1000	0	117	44	152	0	0		
Surr: 4-Terphenyl-d14	578.2	0	500	0	116	56	140	0	0		
Surr: Nitrobenzene-d5	604	0	500	0	121	49.8	149	0	0		
Surr: Phenol-d5	1282	0	1000	0	128	45.3	148	0	0		

Qualifiers:	B	Analyte detected in the associated Method Blank	BRL	Below Reporting Limit	E	Estimated value above quantitation range
H		Holding times for preparation or analysis exceeded	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified
R		RPD outside limits due to matrix	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix

CLIENT: TN and Associates
 Work Order: 0807A92
 Project: Tuscaloosa ER

ANALYTICAL QC SUMMARY REPORT

TestCode: 8270_TCL4.2_X

Sample ID: 0807C10-003AMS		SampType: MS	TestCode: 8270_TCL4.2		Units: mg/Kg	Prep Date: 7/18/2008		RunNo: 129640	
Client ID:		Batch ID: 101965	TestNo: SW8270C			Analysis Date: 7/18/2008		SeqNo: 2643301	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	Qual
2,4-Dinitrotoluene	957.9	93	934.6	0	102	27.2	139	0	0
2-Chlorophenol	683.4	93	934.6	0	73.1	32.7	140	0	0
4-Chloro-3-methylphenol	1134	93	934.6	0	121	45.2	133	0	0
4-Nitrophenol	777.1	470	934.6	0	83.2	10	165	0	0
Acenaphthene	971.4	93	934.6	0	104	45.2	139	0	0
N-Nitrosodi-n-propylamine	1071	93	934.6	0	115	31.7	148	0	0
Pentachlorophenol	648.7	470	934.6	0	69.4	10	160	0	0
Phenol	933.9	93	934.6	0	99.9	31.6	136	0	0
Pyrene	965.5	93	934.6	0	103	47.1	132	0	0
Surr: 2,4,6-Tribromophenol	1178	0	934.6	0	126	52.2	161	0	0
Surr: 2-Fluorobiphenyl	555	0	467.3	0	119	65.4	139	0	0
Surr: 2-Fluorophenol	691.1	0	934.6	0	74	44	152	0	0
Surr: 4-Terphenyl-d14	525.5	0	467.3	0	112	56	140	0	0
Surr: Nitrobenzene-d5	543.5	0	467.3	0	116	49.8	149	0	0
Surr: Phenol-d5	1023	0	934.6	0	110	45.3	148	0	0

Sample ID: 0807C10-003AMSD		SampType: MSD	TestCode: 8270_TCL4.2		Units: mg/Kg	Prep Date: 7/18/2008		RunNo: 129640	
Client ID:		Batch ID: 101965	TestNo: SW8270C			Analysis Date: 7/18/2008		SeqNo: 2643325	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	Qual
2,4-Dinitrotoluene	1074	100	1000	0	107	27.2	139	957.9	43.9
2-Chlorophenol	808.8	100	1000	0	80.9	32.7	140	683.4	37.2
4-Chloro-3-methylphenol	1276	100	1000	0	128	45.2	133	1134	28.6
4-Nitrophenol	848.1	500	1000	0	84.8	10	165	777.1	42.6
Acenaphthene	1103	100	1000	0	110	45.2	139	971.4	31.2
N-Nitrosodi-n-propylamine	1205	100	1000	0	120	31.7	148	1071	45.4
Pentachlorophenol	732.1	500	1000	0	73.2	10	160	648.7	30
Phenol	1049	100	1000	0	105	31.6	136	933.9	36.4
Pyrene	1105	100	1000	0	110	47.1	132	965.5	34.5
Surr: 2,4,6-Tribromophenol	1324	0	1000	0	132	52.2	161	1178	0

Qualifiers:	B	Analyte detected in the associated Method Blank	BRL	Below Reporting Limit	E	Estimated value above quantitation range
H		Holding times for preparation or analysis exceeded	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified
R		RPD outside limits due to matrix	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix

CLIENT: TN and Associates
Work Order: 0807A92
Project: Tuscaloosa ER

ANALYTICAL QC SUMMARY REPORT

TestCode: 8270_TCL4.2_X

Sample ID: 0807C10-003AMSD	SampType: MSD	TestCode: 8270_TCL4.2	Units: mg/Kg	Prep Date: 7/18/2008	RunNo: 129640						
Client ID:	Batch ID: 101965	TestNo: SW8270C		Analysis Date: 7/18/2008	SeqNo: 2643325						
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 2-Fluorobiphenyl	638.6	0	500	0	128	65.4	139	555	0	0	0
Surr: 2-Fluorophenol	802.4	0	1000	0	80.2	44	152	691.1	0	0	0
Surr: 4-Terphenyl-d14	598.5	0	500	0	120	56	140	525.5	0	0	0
Surr: Nitrobenzene-d5	625.6	0	500	0	125	49.8	149	543.5	0	0	0
Surr: Phenol-d5	1220	0	1000	0	122	45.3	148	1023	0	0	0

Qualifiers:	B	Analyte detected in the associated Method Blank	BRL	Below Reporting Limit	E	Estimated value above quantitation range
H		Holding times for preparation or analysis exceeded	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified
R		RPD outside limits due to matrix	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix

CLIENT: TN and Associates
 Work Order: 0807A92
 Project: Tuscaloosa ER

ANALYTICAL QC SUMMARY REPORT

TestCode: 9045D_X

Sample ID: LCS-102049	SampleType: LCS	TestCode: 9045D_X	Units: pH Units	Prep Date: 7/21/2008	RunNo: 129657
Client ID:	Batch ID: 102049	TestNo: SW9045D		Analysis Date: 7/21/2008	SeqNo: 2643396
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
pH	6.98	0.0100	7	0	99.7 0 110 0 0

Sample ID: 0807A92-001BDUP	SampleType: DUP	TestCode: 9045D_X	Units: pH Units	Prep Date: 7/21/2008	RunNo: 129657
Client ID: DRUM 1	Batch ID: 102049	TestNo: SW9045D		Analysis Date: 7/21/2008	SeqNo: 2643411
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
pH	9.45	0.0100	0	0	0 0 0 9.42 0.318 20

Sample ID: 0807C33-005BDUP	SampleType: DUP	TestCode: 9045D_X	Units: pH Units	Prep Date: 7/21/2008	RunNo: 129657
Client ID:	Batch ID: 102049	TestNo: SW9045D		Analysis Date: 7/21/2008	SeqNo: 2643413
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
pH	4.74	0.0100	0	0	0 0 0 4.73 0.211 20

Qualifiers:	B	Analyte detected in the associated Method Blank	BRL	Below Reporting Limit	E	Estimated value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified
	R	RPD outside limits due to matrix	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix