



November 10, 2010

Ms. Alyssa Hughes
Federal On-Scene Coordinator
U.S. EPA Region 4
61 Forsyth Street, S.W.
Mail Code: 9T25
Atlanta, GA 30303-8960

Subject: Incident Response Letter Report, Revision 0
Dawson Forest Drum
Dawsonville, Dawson County, Georgia
TDD No.: TNA-05-001-0119
Contract No.: EP-W-05-053

Dear Ms. Hughes:

The Oneida Total Integrated Enterprises (OTIE) Superfund Technical Assessment and Response Team (START) has prepared this Incident Response Letter Report detailing activities conducted in support of the U.S. Environmental Protection Agency (EPA). The scope of this incident response was to conduct activities associated with an emergency removal action involving drums at Dawson Forest Drum (the site) in Dawsonville, Dawson County, Georgia. Specifically, START was tasked to prepare a Health and Safety Plan (HASP); provide equipment and personnel to conduct sampling of drums; conduct hazard categorization (hazcat) of the drum contents; conduct air monitoring; document site activities with photographs and written logbook notes; and prepare an Incident Response Letter Report.

This Incident Response Letter Report summarizes the incident, the response, and provides a summary of the emergency removal action activities. A topographical map and site aerial photograph are provided as Figures 1 and 2, respectively, in Attachment A. A table of witnesses and a container inventory are presented in Tables 1 and 2, respectively, in Attachment B. A photographic log of site activities is provided as Attachment C. A complete copy of the logbook notes are provided as Attachment D. A copy of the completed hazcat forms are provided as Attachment E. Copies of the waste manifests are currently unavailable; however, this letter report will be resubmitted with waste manifest as soon as they are available.

Physical Location

The site is located on Red Fox Drive (a dirt road), within Dawson Forest in Dawsonville, Dawson County, Georgia. It encompasses approximately 400 square feet in the Dawson Forest Wildlife Management Area (WMA). The geographic coordinates for the center of the site are Latitude 34.497636° North and Longitude -84.273727° West. Dawson Forest is located along the banks of Amicalola Creek and produces clean water into the Etowah River watershed. The site is adjacent to Amicalola Falls and can only be accessed by the dirt road, Red Fox Drive. Figures 1 and 2 provided in Attachment A illustrate the location of the site and the surrounding areas.

Site Background

On November 1, 2010, the Georgia Department of Natural Resources (GADNR) visited the site to investigate the reported abandoned drums. Forty (40) 55-gallon drums were found immediately adjacent to Red Fox Drive with no secondary containment. The drums appeared to be storing waste paints, cleaners, lacquers, epoxies, and fiberglass resins. Two drums were observed leaking onto the ground. GADNR reported the site to the National Response Center (NRC#958627) and the Dawson County Fire Department, and Forsyth County Hazmat Team was activated to contain and stabilize the spill and were removed from the site. GADNR Law Enforcement Team later conducted an investigation and determined that the drums were first seen in the area on October 29, 2010.

On November 1, 2010, at approximately 1500 hours Eastern Standard Time (EST), the EPA Phone Duty Officer requested START to provide emergency response support to the responding EPA On-Scene Coordinator (OSC). START prepared a HASP, and deployed to the site on November 2, 2010.

Table 1 in Attachment B provides a list of key personnel involved with this incident response.

Emergency Removal Activities

On November 2, 2010, START provided EPA on-site support during emergency removal activities. Upon arrival at the site, START conducted a site walkthrough. Thirty eight (38) 55-gallon drums of unknown materials were present in the woods along Red Fox Drive. Organic vapor odors were detected near these drums. START used a Ludlum meter to detect the presence of radiation and a TVA-1000 meter to monitor the organic vapor concentrations within the drums and the air around the perimeter of

the groups of drums. Radiation levels measured with the Ludlum were not detected above background (1.0-1.2 millirem per hour). Organic vapor concentrations measured using the TVA flame ionization detector (FID) ranged from 27 to 244,300 parts per million (ppm). The highest FID reading came from inside of drum number 14. Air screening results are summarized in Table 2 provided in Attachment B. Based on the site walkthrough observations and the initial air monitoring conducted by START, it was determined that removal activities would be conducted in Level D Personal Protective Equipment (PPE).

A total of 38 drums including 32 steel drums and 6 polyethylene drums were found on site during removal action activities conducted by START. Of the 38 drums, 34 drums underwent hazcat analysis. Three drums contained unknown solids and one drum contained trash including rusted steel did not undergo hazcat analysis due to drum material inaccessibility. The remaining thirty four (34) drums contained unknown sludge in a liquid state. The majority of the drums were unlabeled, in fair to poor condition and lacked secondary containment. Based on the hazcat analysis, unknown liquids ranged from a pH of 3 to 11. Sixteen (16) drums were found to be non-hazardous materials; three drums were acidic; six drums were caustic; and nine drums were found to be a flammable material (sludge). The material found in 12 drums was determined to be water soluble. Table 2 presented in Attachment B provides a drum inventory and a summary of hazcat results. A copy of the completed hazcat form for each drum inventoried is included in Attachment E.

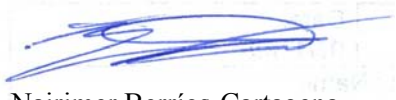
The Emergency Response and Removal Services (ERRS) contractor Environmental Restoration (ER) segregated all drums on site according to waste stream. Based on the hazcat results, START collected nine composite samples from like waste stream materials for laboratory waste characterization analysis. ERRS delivered the waste streams samples to Analytical Environmental Services, Inc. (AES) in Atlanta, Georgia to disposal characterization analysis by Toxicity Characterization Leachate Procedure (TCLP).

None of the drums on site or the material contained therein were transported off site. GADNR agreed to leave the drums on site until the waste characterization analytical results were available and further determination of the removal activities could be made. All drums were properly covered to avoid the release of vapors or any spills.

On November 2, 2010, START demobilized from the site at approximately 1830 hours EST. No further activities are anticipated at the site by START. Any additional activities will be at the direction of EPA.

If you have any questions or comments regarding this Letter Report or require any additional information, please contact myself or Mr. Greg Kowalski, START Program Manager, at 678-355-5550.

Sincerely,

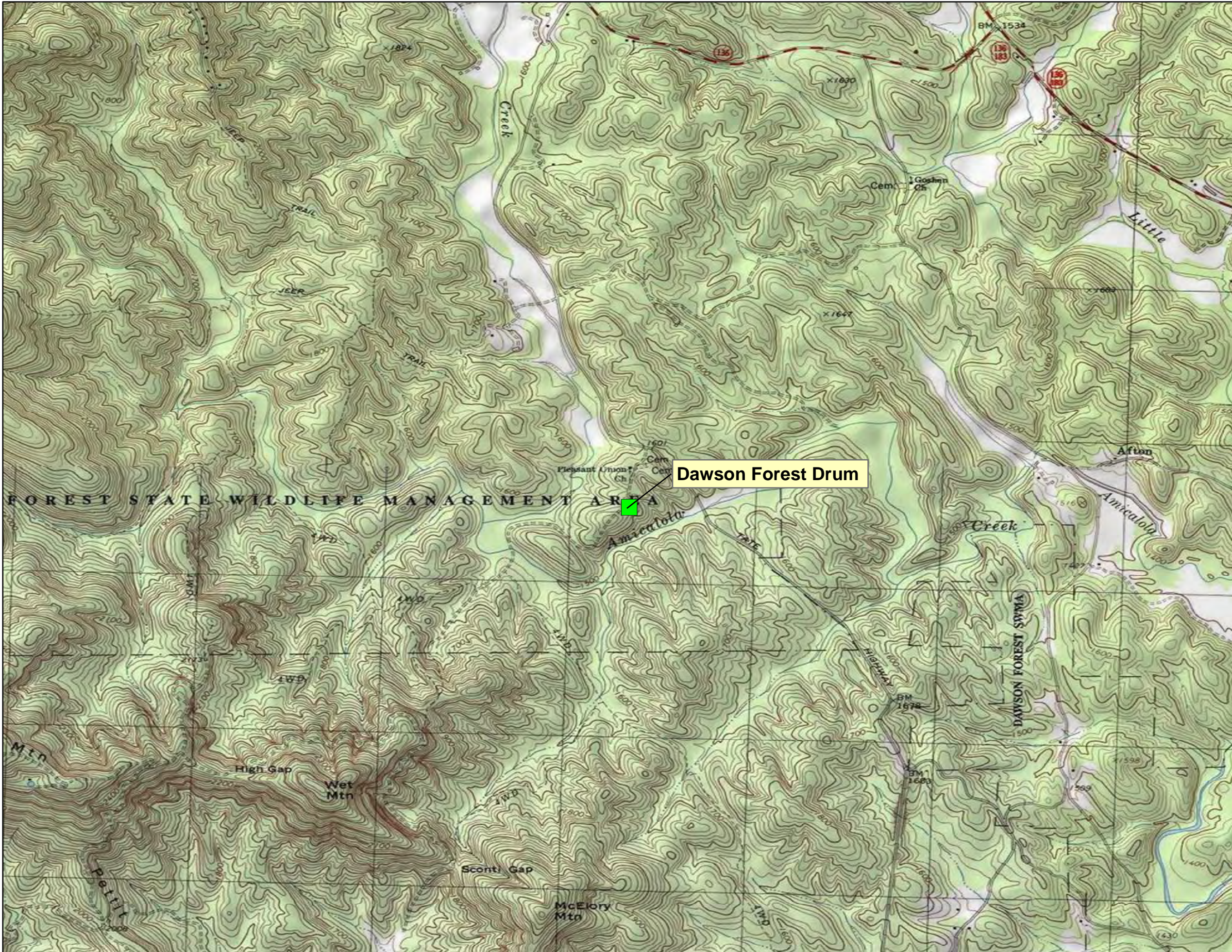


Nairimer Berríos-Cartagena
START Project Manager

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

Enclosures

ATTACHMENT A
FIGURES



Legend

■ Site Location

0 2,000 4,000
Feet

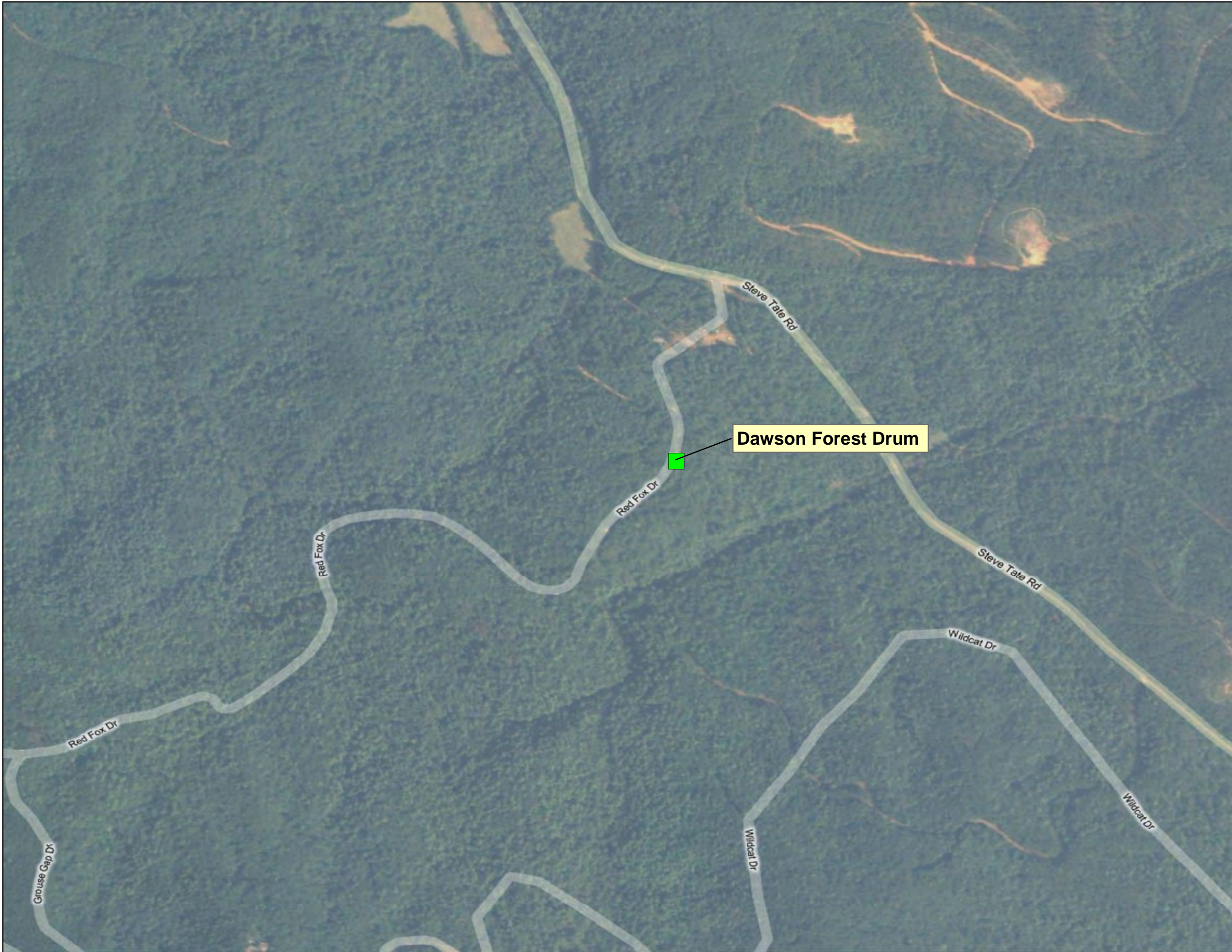


United States Environmental Protection Agency
EPA

DAWSON FOREST DRUM
DAWSONVILLE
DAWSON COUNTY
GEORGIA
TDD No. TNA-05-001-00119

FIGURE 1
TOPOGRAPHICAL MAP



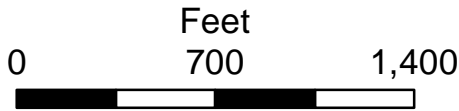


Aerial By: BING

Disclaimer: This map is intended for visual orientation use only. In no way is this map to be used for precise locational use.

Legend

■ Site Location



DAWSON FOREST DRUM
DAWSONVILLE
DAWSON COUNTY
GEORGIA
TDD No. TNA-05-001-00119

FIGURE 2
AERIAL MAP



ATTACHMENT B
TABLES

TABLE 1
DAWSON FOREST DRUM RESPONSE
TABLE OF WITNESSES

Name	Title	Address	Office Number	Cell Number
Alyssa Hughes	USEPA FOSC	61 Forsyth St SW Atlanta, GA 30303	404-562-8743	
Ryan Stubbs	OTIE (START contractors)	1220 Kennestone Circle, Marietta, GA 30066	678-355-5550	678-255-5544
Nairimer Berríos- Cartagena	OTIE (START contractors)	1220 Kennestone Circle, Marietta, GA 30066	678-355-5550	678-468-0160
Martin J. Jones	Environmental Restoration Supervisor (ERRS contractors)	6940 Commercial Drive Morrow, GA 30260	770-961-9272	770-276-4305
En Riddleberger	GA Depatment of Natural Resources/ Game Management	2 Martin L King Jr Dr SE #1252, Atlanta, GA	706-781-5930	404-656-3500
Brandon Wallis	GA Wildlife Resources Division	116 Rum Creek Drive, Forsyth, GA	770-535-5700	478- 994-1438

TABLE 2
DAWSON FOREST DRUM RESPONSE
DRUM INVENTORY AND SUMMARY OF HAZCAT RESULTS

Drum #	Sample Date	Drum Type	Drum Size (gal)	Drum Contents	Physical State	Color(s) of product	Clarity	Peroxide (Y/N)	Oxidizer (Y/N)	pH	Classification	Water Reactive (Y/N)	Water Solubility (S/P/I)	Organic Solubility (S/P/I)	Flammable (Y/N)	Chlorides Present (Y/N)	Specific Notes
1	11/2/2010	steel, closed top	55	3/4	poor	black solid	opaque	N	N	NA	NA	NA	NA	NA	NA	NA	Could not sample
2	11/2/2010	steel, closed top	55	3/4	poor	amber liquid/sludge	opaque	N	N	7	Neutral	N	S	I	N	N	
3	11/2/2010	steel, ring top	55	full	poor	beige gel	opaque	N	N	7	Neutral	N	S	I	N	N	
4	11/2/2010	steel, ring top	55	full	poor	gray sludge	opaque	N	N	5	Flammable	N	S	I	Y	N	
5	11/2/2010	steel, ring top	55	<1/4	poor	amber gel	opaque	N	N	5	Neutral	N	I	P	N	N	
6	11/2/2010	steel, ring top	55	1/2	poor	amber gel	opaque	N	N	6	Neutral	N	P	I	N	N	
7	11/2/2010	steel, ring top	55	full	poor	copper solid	opaque	N	N	5	Neutral	N	I	I	N	N	
8	11/2/2010	steel, closed top	55	1/4	poor	clear liquid	clear	N	N	7	Neutral	N	S	I	N	N	
9	11/2/2010	steel, closed top	55	<1/4	poor	amber gel	opaque	N	N	6	Neutral	N	P	I	N	N	
10	11/2/2010	steel, closed top	55	<1/4	poor	amber gel	opaque	N	N	6	Neutral	N	I	I	N	N	
11	11/2/2010	poly, closed top	55	<1/4	fair	clear solid with crystals	clear	N	N	11	Base	N	I	I	N	N	
12	11/2/2010	steel, closed top	55	1/2	poor	solid	unknown	NA	NA	NA	Unknown	NA	NA	NA	NA	NA	Could not sample
13	11/2/2010	steel, closed top	55	3/4	poor	clear sludge	opaque	N	N	8	Neutral	N	I	I	N	N	
14	11/2/2010	steel, closed top	55	<1/4	poor	gray liquid and silver solid	opaque	N	N	6	Flammable	N	S	I	Y	N	
15	11/2/2010	steel, closed top	55	1/4	poor	amber solid/sludge	opaque	N	N	3	Acid	N	I	I	N	N	
16	11/2/2010	steel, ring top	55	<1/4	poor	amber sludge	opaque	N	N	6	Neutral	N	P	I	N	N	
17	11/2/2010	steel, ring top	55	1/4	poor	clear liquid and solid	cloudy	N	N	7	Neutral	N	S	I	N	N	
18	11/2/2010	steel, closed top	55	<1/4	poor	amber sludge	opaque	N	N	11	Base	N	I	I	N	N	
19	11/2/2010	poly, closed top	55	<1/4	poor	clear solid with crystals	clear	N	N	11	Base	N	P	I	N	N	
20	11/2/2010	steel, ring top	55	<1/4	poor	white sludge	opaque	N	N	6	Flammable	N	P	S	Y	N	
21	11/2/2010	steel, ring top	55	1/4	poor	gray liquid and solid	opaque	N	N	6	Flammable	Y	P	S	N	N	slight water reactivity
22	11/2/2010	steel, ring top	55	1/4	poor	white sludge	opaque	N	N	7	Neutral	N	S	I	N	N	
23	11/2/2010	steel, ring top	55	1/4	poor	white solid	opaque	N	N	5	Flammable	N	I	I	Y	N	
24	11/2/2010	poly, closed top	55	1/4	poor	amber solid	opaque	NA	NA	NA	Unknown	NA	NA	NA	NA	NA	Could not sample
25	11/2/2010	poly, closed top	55	1/2	poor	amber sludge	opaque	N	N	5	Neutral	N	I	I	N	N	
26	11/2/2010	poly, closed top	55	1/4	poor	amber sludge	opaque	N	N	10	Base	N	P	I	N	N	
27	11/2/2010	steel, ring top	55	1/2	poor	gray solid	opaque	N	N	5	Flammable	N	I	I	Y	N	
28	11/2/2010	steel, no top	55	1/4	poor	gray sludge	opaque	N	N	6	Flammable	N	I	P	Y	N	
29	11/2/2010	steel, ring top	55	1/2	poor	white sludge	opaque	N	N	7	Neutral	N	S	I	N	N	
30	11/2/2010	poly, closed top	55	1/2	poor	clear liquid	clear	N	N	3	Acid	N	S	I	N	N	
31	11/2/2010	steel, ring top	55	<1/4	poor	white solid	opaque	N	N	3	Acid	N	I	I	N	N	
32	11/2/2010	steel, ring top	55	1/2	poor	gray sludge	opaque	N	N	5	Flammable	N	I	I	Y	N	
33	11/2/2010	steel, closed top	55	3/4	poor	beige liquid and amber sludge	opaque	N	N	10	Base	N	S	I	N	N	
34	11/2/2010	steel, closed top	55	1/4	poor	clear liquid	clear	N	N	5	Neutral	N	S	I	N	N	
35	11/2/2010	steel, no top	55	<1/4	poor	marble sludge	opaque	N	N	8	Neutral	N	I	P	N	N	
36	11/2/2010	steel, closed top	55	full	poor	black sludge	opaque	Unknown	Unknown	Unknown	Flammable	N	I	I	Y	N	
37	11/2/2010	steel, ring top	55	1/4	poor	gray sludge and solid	opaque	N	N	10	Base	N	S	I	N	N	
38	11/2/2010	steel, closed top	55	full	poor	Miscelanous trash	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	no sample collected

Notes:

- I - Insoluble
- NA - Not analyzed
- P - Partially
- S - Soluble

** START considered acid material the ones that were pH 3 or below
START considered basic material the ones that were pH 10 or above

ATTACHMENT C
PHOTOGRAPHIC LOG



Official Photograph No. 1

Site Name: Dawson Forest Drum

Date: November 2, 2010

Location: Dawsonville, GA

TDD No: TNA-05-001-0119

Photographer: Ryan Stubbs, START

Subject: View of site facing south southeast.



Official Photograph No. 2

Site Name: Dawson Forest Drum

Date: November 2, 2010

Location: Dawsonville, GA

TDD No: TNA-05-001-0119

Photographer: Ryan Stubbs, START

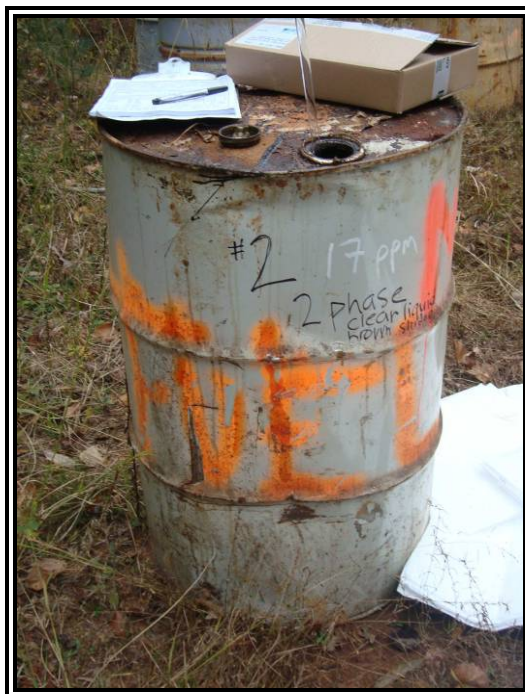
Subject: View of site facing south southeast.



Official Photograph No. 3

Site Name: Dawson Forest Drum
Location: Dawsonville, GA
Photographer: Nairimer Berríos-Cartagena, START
Subject: Drum # 1

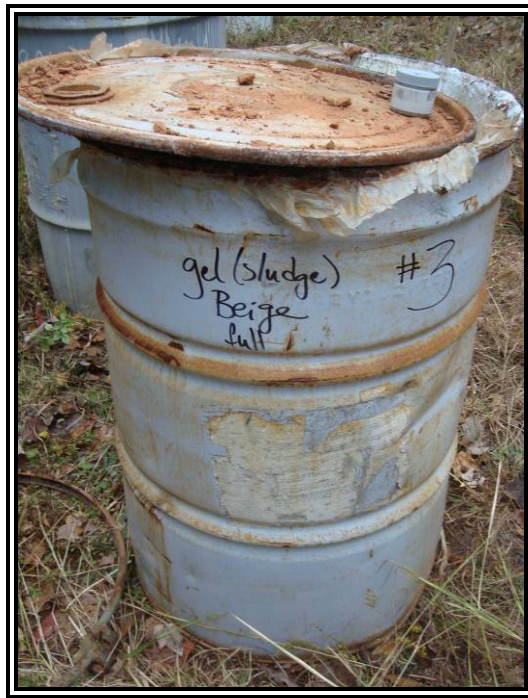
Date: November 2, 2010
TDD No: TNA-05-001-0119



Official Photograph No. 4

Site Name: Dawson Forest Drum
Location: Dawsonville, GA
Photographer: Nairimer Berríos-Cartagena, START
Subject: Drum # 2

Date: November 2, 2010
TDD No: TNA-05-001-0119



Official Photograph No. 5

Site Name:	Dawson Forest Drum	Date:	November 2, 2010
Location:	Dawsonville, GA	TDD No:	TNA-05-001-0119
Photographer:	Nairimer Berríos-Cartagena, START		
Subject:	Drum # 3		



Official Photograph No. 6

Site Name:	Dawson Forest Drum	Date:	November 2, 2010
Location:	Dawsonville, GA	TDD No:	TNA-05-001-0119
Photographer:	Nairimer Berríos-Cartagena, START		
Subject:	Drum # 4		



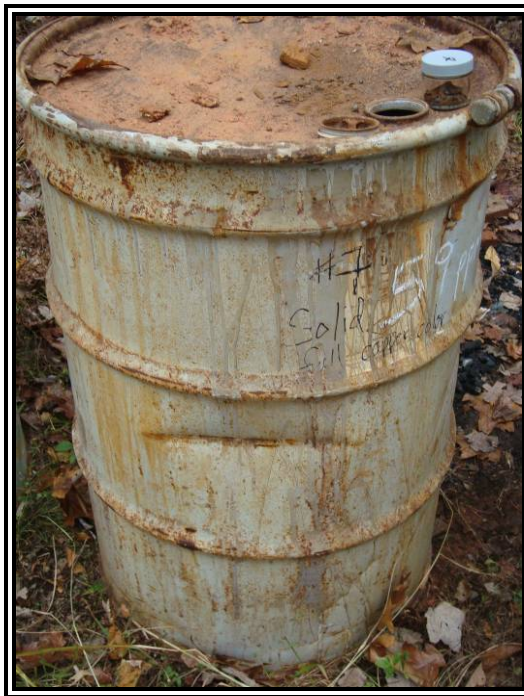
Official Photograph No.7

Site Name:	Dawson Forest Drum	Date:	November 2, 2010
Location:	Dawsonville, GA	TDD No:	TNA-05-001-0119
Photographer:	Nairimer-Berrios-Cartagena, START		
Subject:	Drum # 5		



Official Photograph No. 8

Site Name:	Dawson Forest Drum	Date:	November 2, 2010
Location:	Dawsonville, GA	TDD No:	TNA-05-001-0119
Photographer:	Nairimer-Berrios-Cartagena, START		
Subject:	Drum # 6		



Official Photograph No. 9

Site Name:	Dawson Forest Drum	Date:	November 2, 2010
Location:	Dawsonville, GA	TDD No:	TNA-05-001-0119
Photographer:	Nairimer-Berrios-Cartagena, START		
Subject:	Drum # 7		



Official Photograph No. 10

Site Name:	Dawson Forest Drum	Date:	November 2, 2010
Location:	Dawsonville, GA	TDD No:	TNA-05-001-0119
Photographer:	Nairimer-Berrios-Cartagena, START		
Subject:	Drum # 8		



Official Photograph No. 11

Site Name:	Dawson Forest Drum	Date:	November 2, 2010
Location:	Dawsonville, GA	TDD No:	TNA-05-001-0119
Photographer:	Nairimer-Berrios-Cartagena, START		
Subject:	Drum # 9		



Official Photograph No. 12

Site Name:	Dawson Forest Drum	Date:	November 2, 2010
Location:	Dawsonville, GA	TDD No:	TNA-05-001-0119
Photographer:	Nairimer-Berrios-Cartagena, START		
Subject:	Drum # 10		



Official Photograph No. 13

Site Name: Dawson Forest Drum
Location: Dawsonville, GA
Photographer: Nairimer-Berrios-Cartagena, START
Subject: Drum # 11

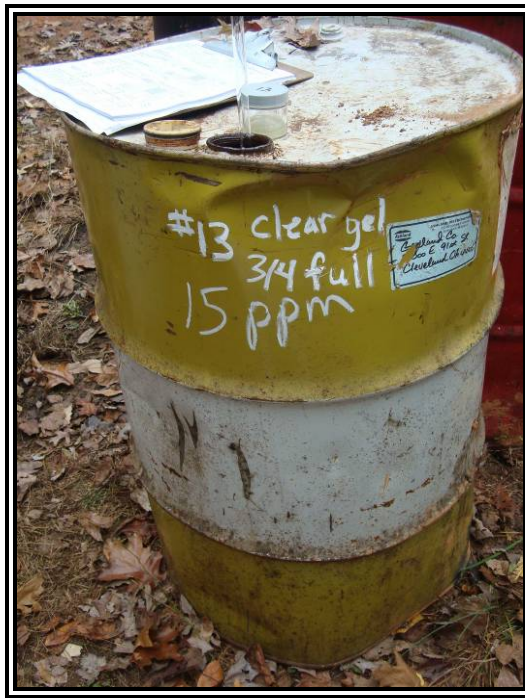
Date: November 2, 2010
TDD No: TNA-05-001-0119



Official Photograph No. 14

Site Name: Dawson Forest Drum
Location: Dawsonville, GA
Photographer: Nairimer-Berrios-Cartagena, START
Subject: Drum # 12

Date: November 2, 2010
TDD No: TNA-05-001-0119



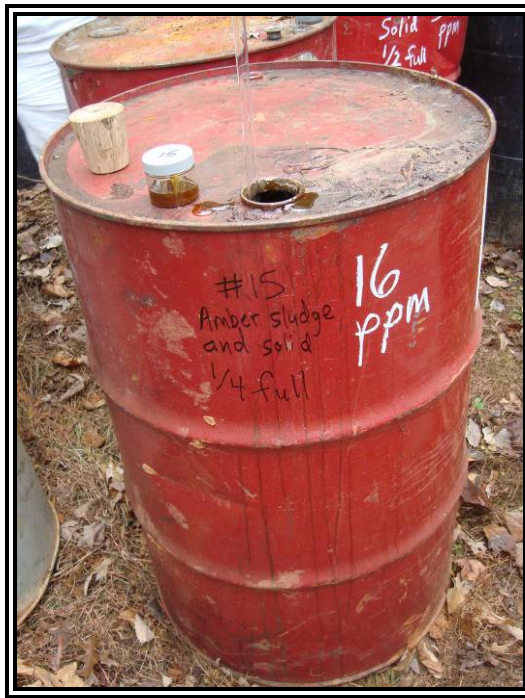
Official Photograph No. 15

Site Name:	Dawson Forest Drum	Date:	November 2, 2010
Location:	Dawsonville, GA	TDD No:	TNA-05-001-0119
Photographer:	Nairimer-Berrios-Cartagena, START		
Subject:	Drum # 13		



Official Photograph No. 16

Site Name:	Dawson Forest Drum	Date:	November 2, 2010
Location:	Dawsonville, GA	TDD No:	TNA-05-001-0119
Photographer:	Nairimer-Berrios-Cartagena, START		
Subject:	Drum # 14		



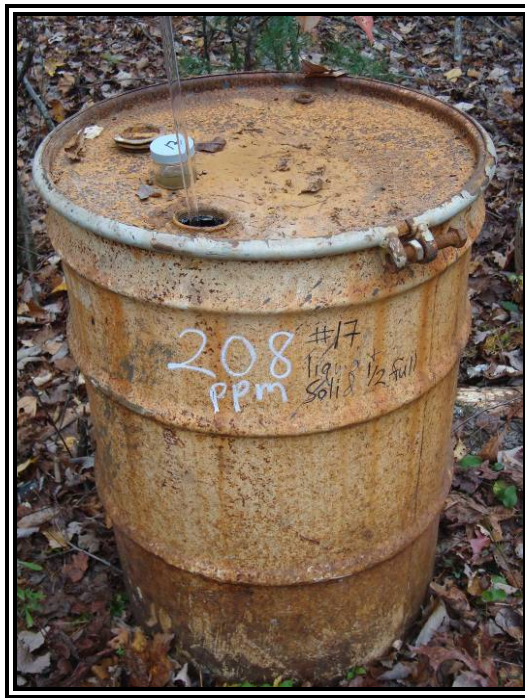
Official Photograph No. 17

Site Name:	Dawson Forest Drum	Date:	November 2, 2010
Location:	Dawsonville, GA	TDD No:	TNA-05-001-0119
Photographer:	Nairimer-Berrios-Cartagena, START		
Subject:	Drum # 15		



Official Photograph No. 18

Site Name:	Dawson Forest Drum	Date:	November 2, 2010
Location:	Dawsonville, GA	TDD No:	TNA-05-001-0119
Photographer:	Nairimer-Berrios-Cartagena, START		
Subject:	Drum # 16		



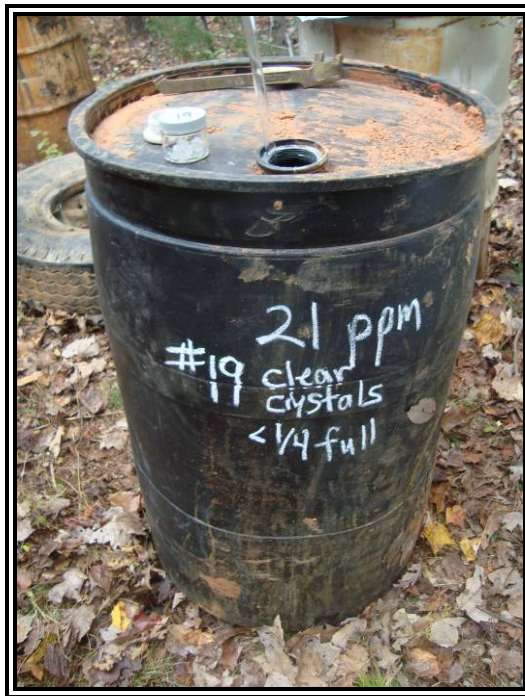
Official Photograph No. 19

Site Name:	Dawson Forest Drum	Date:	November 2, 2010
Location:	Dawsonville, GA	TDD No:	TNA-05-001-0119
Photographer:	Nairimer-Berrios-Cartagena, START		
Subject:	Drum # 17		



Official Photograph No. 20

Site Name:	Dawson Forest Drum	Date:	November 2, 2010
Location:	Dawsonville, GA	TDD No:	TNA-05-001-0119
Photographer:	Nairimer-Berrios-Cartagena, START		
Subject:	Drum # 18		



Official Photograph No. 21

Site Name:	Dawson Forest Drum	Date:	November 2, 2010
Location:	Dawsonville, GA	TDD No:	TNA-05-001-0119
Photographer:	Nairimer-Berrios-Cartagena, START		
Subject:	Drum # 19		



Official Photograph No. 22

Site Name:	Dawson Forest Drum	Date:	November 2, 2010
Location:	Dawsonville, GA	TDD No:	TNA-05-001-0119
Photographer:	Nairimer-Berrios-Cartagena, START		
Subject:	Drum # 20		



Official Photograph No. 23

Site Name:	Dawson Forest Drum	Date:	November 2, 2010
Location:	Dawsonville, GA	TDD No:	TNA-05-001-0119
Photographer:	Nairimer-Berrios-Cartagena, START		
Subject:	Drum # 21		



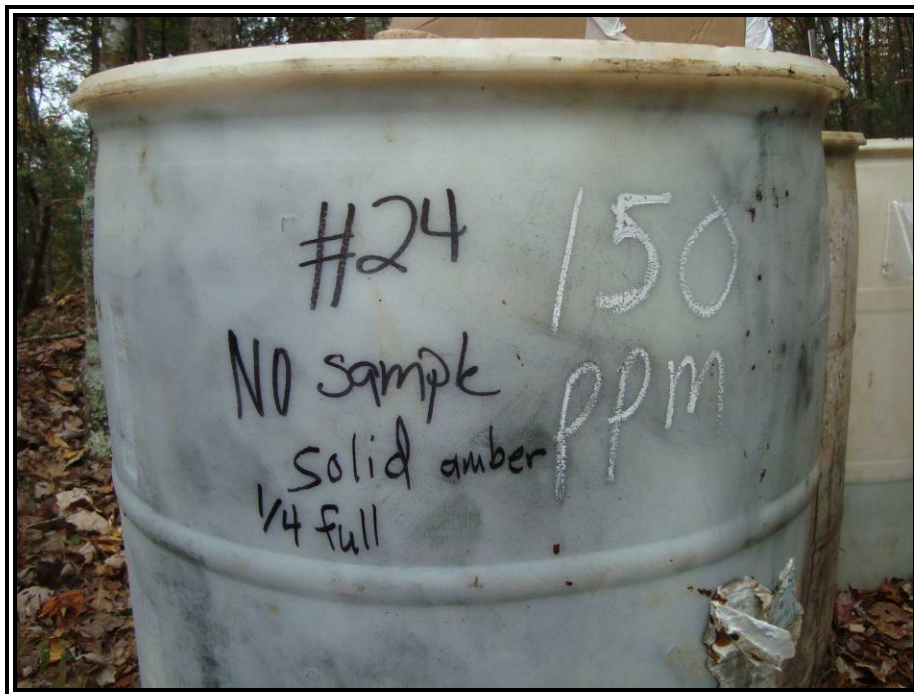
Official Photograph No. 24

Site Name:	Dawson Forest Drum	Date:	November 2, 2010
Location:	Dawsonville, GA	TDD No:	TNA-05-001-0119
Photographer:	Nairimer-Berrios-Cartagena, START		
Subject:	Drum # 22		



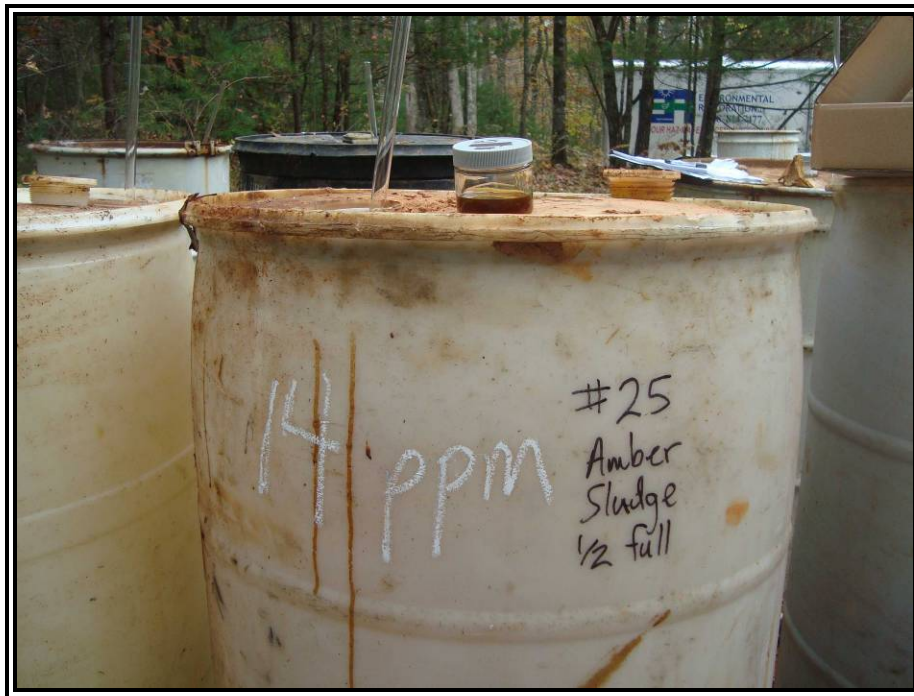
Official Photograph No. 25

Site Name:	Dawson Forest Drum	Date:	November 2, 2010
Location:	Dawsonville, GA	TDD No:	TNA-05-001-0119
Photographer:	Nairimer-Berrios-Cartagena, START		
Subject:	Drum # 23		



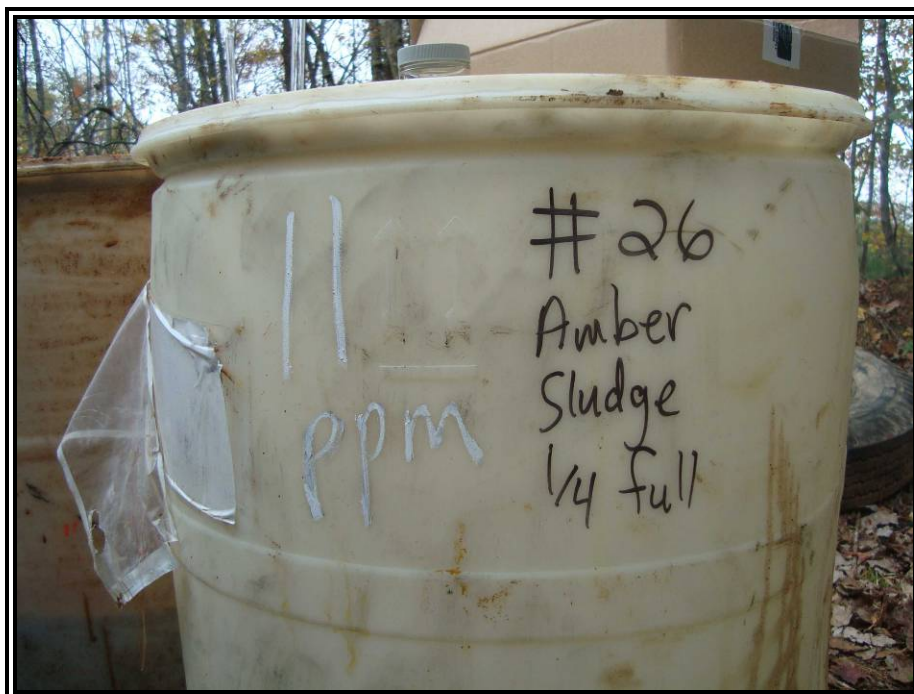
Official Photograph No. 26

Site Name:	Dawson Forest Drum	Date:	November 2, 2010
Location:	Dawsonville, GA	TDD No:	TNA-05-001-0119
Photographer:	Nairimer-Berrios-Cartagena, START		
Subject:	Drum # 24		



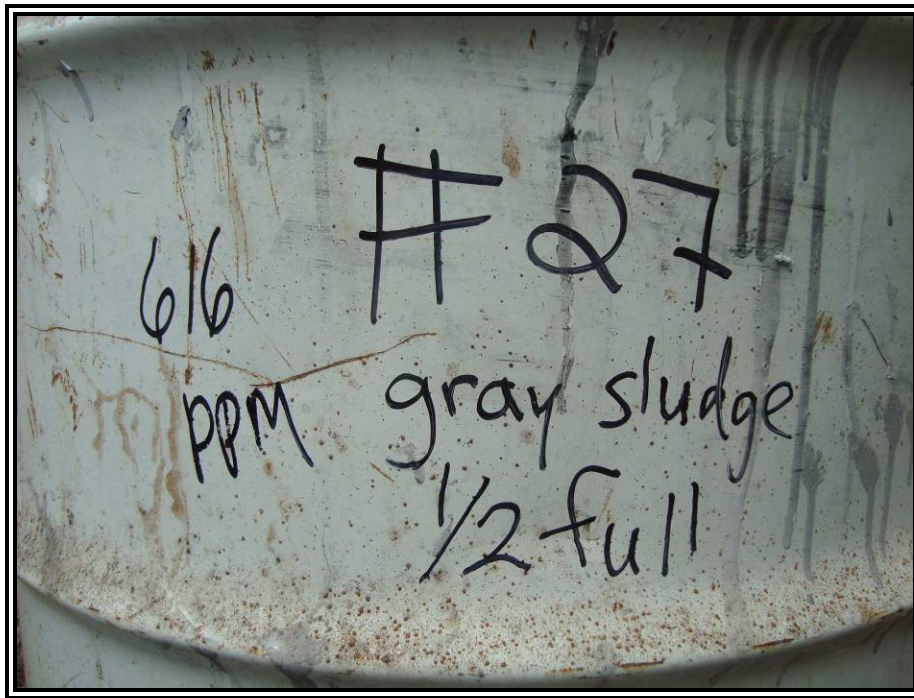
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Site Name:	Dawson Forest Drum	Date:	November 2, 2010
Location:	Dawsonville, GA	TDD No:	TNA-05-001-0119
Photographer:	Nairimer-Berrios-Cartagena, START		
Subject:	Drum # 25		



Official Photograph No. 28

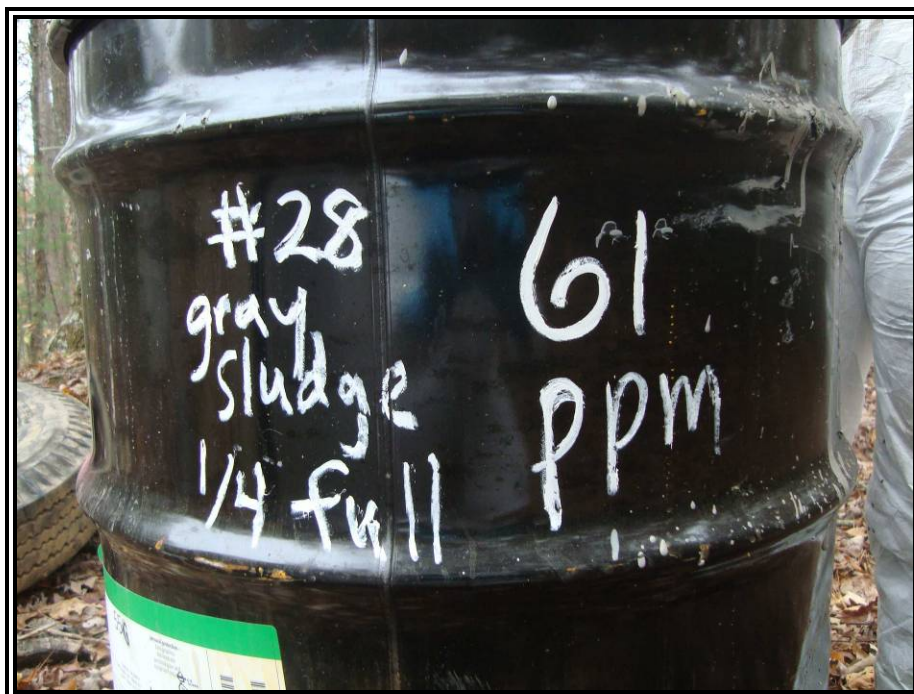
Site Name:	Dawson Forest Drum	Date:	November 2, 2010
Location:	Dawsonville, GA	TDD No:	TNA-05-001-0119
Photographer:	Nairimer-Berrios-Cartagena, START		
Subject:	Drum # 26		



Official Photograph No. 29

Site Name: Dawson Forest Drum
Location: Dawsonville, GA
Photographer: Ryan Stubbs, START
Subject: Drum # 27

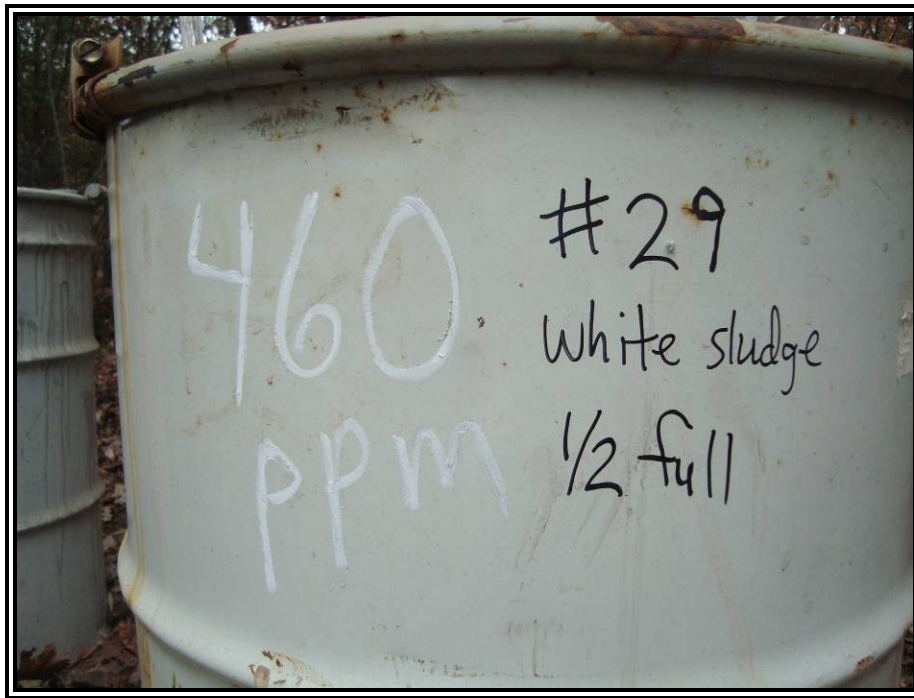
Date: November 2, 2010
TDD No: TNA-05-001-0119



Official Photograph No. 30

Site Name: Dawson Forest Drum
Location: Dawsonville, GA
Photographer: Ryan Stubbs, START
Subject: Drum # 28

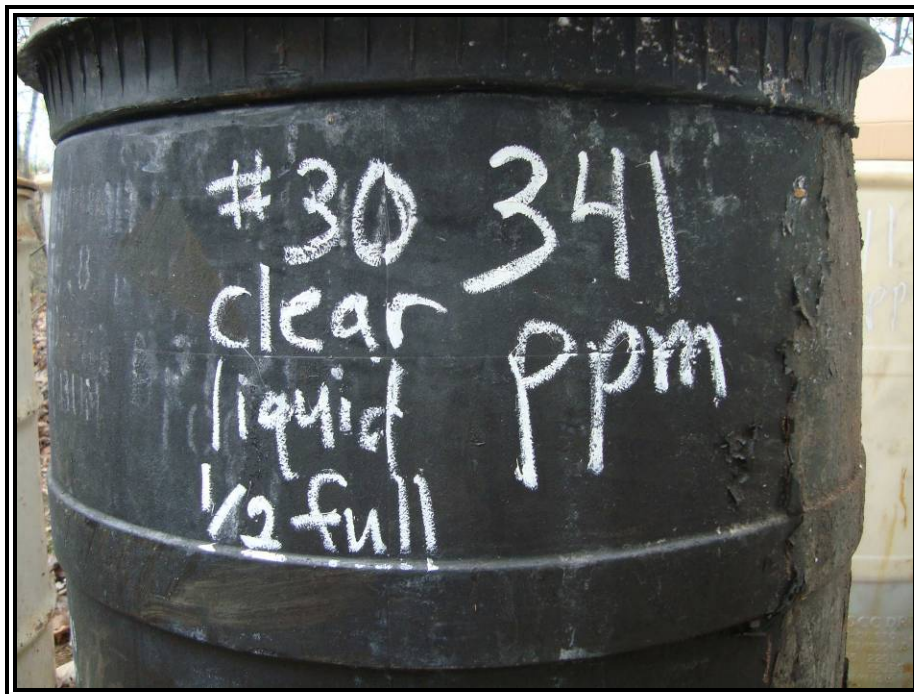
Date: November 2, 2010
TDD No: TNA-05-001-0119



Official Photograph No. 31

Site Name: Dawson Forest Drum
Location: Dawsonville, GA
Photographer: Ryan Stubbs, START
Subject: Drum # 29

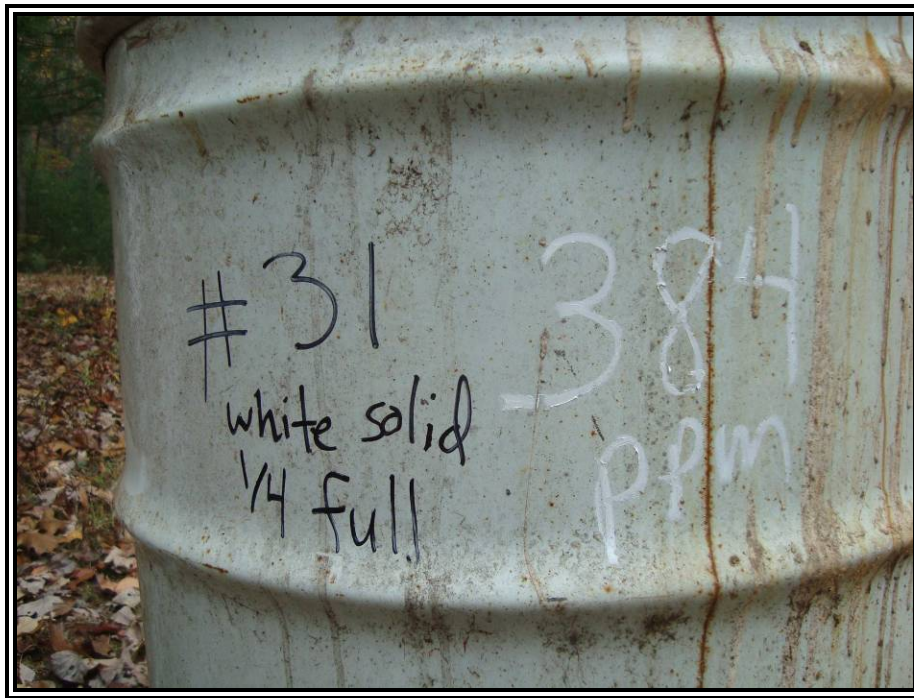
Date: November 2, 2010
TDD No: TNA-05-001-0119



Official Photograph No. 32

Site Name: Dawson Forest Drum
Location: Dawsonville, GA
Photographer: Ryan Stubbs, START
Subject: Drum # 30

Date: November 2, 2010
TDD No: TNA-05-001-0119



Official Photograph No. 33

Site Name: Dawson Forest Drum
Location: Dawsonville, GA
Photographer: Ryan Stubbs, START
Subject: Drum # 31

Date: November 2, 2010
TDD No: TNA-05-001-0119



Official Photograph No. 34

Site Name: Dawson Forest Drum
Location: Dawsonville, GA
Photographer: Ryan Stubbs, START
Subject: Drum # 32

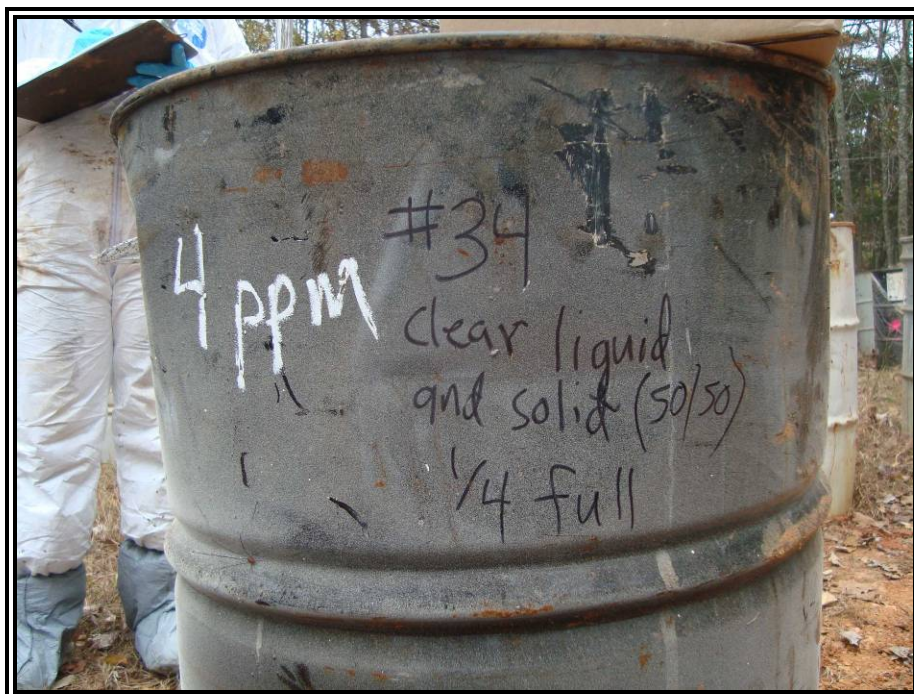
Date: November 2, 2010
TDD No: TNA-05-001-0119



Official Photograph No. 35

Site Name: Dawson Forest Drum
Location: Dawsonville, GA
Photographer: Ryan Stubbs, START
Subject: Drum # 33

Date: November 2, 2010
TDD No: TNA-05-001-0119



Official Photograph No. 36

Site Name: Dawson Forest Drum
Location: Dawsonville, GA
Photographer: Ryan Stubbs, START
Subject: Drum #34

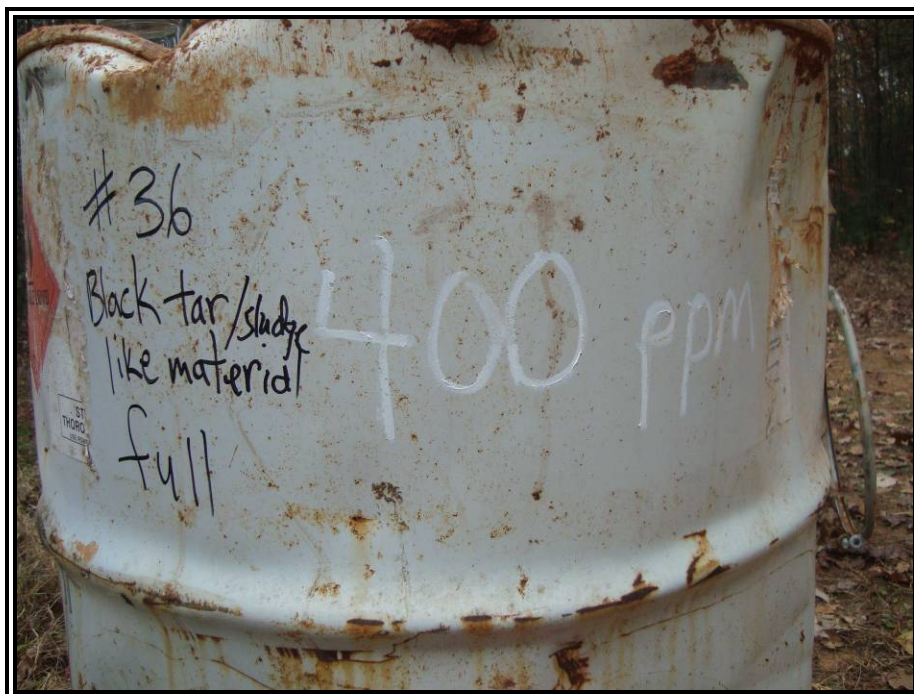
Date: November 2, 2010
TDD No: TNA-05-001-0119



Official Photograph No. 37

Site Name: Dawson Forest Drum
Location: Dawsonville, GA
Photographer: Ryan Stubbs, START
Subject: Drum # 35

Date: November 2, 2010
TDD No: TNA-05-001-0119



Official Photograph No. 38

Site Name: Dawson Forest Drum
Location: Dawsonville, GA
Photographer: Ryan Stubbs, START
Subject: Drum # 36

Date: November 2, 2010
TDD No: TNA-05-001-0119



Official Photograph No. 39

Site Name: Dawson Forest Drum
Location: Dawsonville, GA
Photographer: Ryan Stubbs, START
Subject: Drum # 37

Date: November 2, 2010
TDD No: TNA-05-001-0119



Official Photograph No. 40

Site Name: Dawson Forest Drum
Location: Dawsonville, GA
Photographer: Ryan Stubbs, START
Subject: Drum # 38

Date: November 2, 2010
TDD No: TNA-05-001-0119



Official Photograph No. 41

Site Name:	Dawson Forest Drum	Date:	November 2, 2010
Location:	Dawsonville, GA	TDD No:	TNA-05-001-0119
Photographer:	Ryan Stubbs, START		
Subject:	ERRS moving drums onto polyethylene sheeting.		



Official Photograph No. 42

Site Name:	Dawson Forest Drum	Date:	November 2, 2010
Location:	Dawsonville, GA	TDD No:	TNA-05-001-0119
Photographer:	Ryan Stubbs, START		
Subject:	Drums placed on a polyethylene sheeting and segregated by waste stream		

ATTACHMENT D
LOGBOOK NOTES

Clear Vinyl Protective Slipcovers (Item No. 30) are available for this style of notebook. Helps protect your notebook from wear & tear. Contact your dealer or the J. L. Darling Corporation.

[illegible]

11/02/10 Dawson Forest Drum ER
 0715 START Stubbs and Berrios-Cartagena departed OTIE office in Marietta, GA for Dawsonville, GA.
 0815 Upon seeing Environmental Restoration (ER) trailer on dirt road off Steve Tate Hwy START located Jake Jones of ER. We determined this road was not the scene of the site. START and ER then proceeded into the 'Big Canoe' area off Steve Tate Hwy as it had a road named 'Wildcat Parkway' as we were looking for 'Wildcat Campground' or 'Wildcat Road' per the NRC report. ~~~~~ RS
 0845 START called Brandon Wallis of GADNR and he instructed that the site was north of where we were located off Steve Tate Hwy.

Scale: 1 square=_____

Dawson Forest Drum ER 11/02/10
 0905 START arrived at the site meet with OSC Hughes and En Riddleberger of WRD. ~~~~~ RS
 Weather: ~60°F, overcast and breezy
 0915 START set up to conduct a rad survey of the site. Away from the site background was 1.0-1.2 $\mu\text{R/hr}$. Surveying in and around all 38-55 gallon drums there were no readings above background. ~~~~~ RS
 0930 START calibrated TVA, calibration recorded in TVA's cal logbook. ~~~~~ RS
 0945 START screening all drums through the open bung hole or with ring top open with TVA and recorded PID readings on the drums. Highest reading was 2371 ppm.
 1015 START setup to collect samples from all drums for hazcatting.

Scale: 1 square=_____

11/02/10 Dawson Forest Drum ER

1400 START finished categorizing and determined there were 10 waste streams. START Berrios-Cartagena spoke to START-Henderson instructed not to mix the acid-peroxides and base-peroxides. The 10 waste streams are:

- 1) Neutrals (8 drums)
- 2) Peroxides (5 drums)
- 3) Acids (3 drums)
- 4) Bases (5 drums)
- 5) Flammables (5 drums)
- 6) Acid + peroxide (2 drums)
- 7) Base + peroxide (2 drums)
- 8) Flammable + peroxide (3 drums)
- 9) Acid, Flammable + peroxide (1 drum)
- 10) Chloride (2 drums)

This totals 34 drums plus 3 solid drums and 1 trash drum for a grand total of 38 drums inventoried. ~ RS

Scale: 1 square=_____

Dawson Forest Drum ER 11/02/10

1430 START began collecting extra volume for each waste stream in 8 oz jars.

1558 START completed collecting waste stream samples and labeled to relinquish to ER. ~ RS

1600 START assisted with segregating and staging of the drums. Also START discussed with OSC and ER-Jones the analyses to run on the waste samples. GADNR agreed that the drums could remain staged on site until after the analysis comes back from the waste samples. ~ RS

1835 Activities completed and all parties departing site.

1935 START arrived back at STIE office in Marietta, GA. End of day. ~ RS

[Signature]
Scale: 1 square=_____

11/03/10 Dawson Forest Drum ER

1100 START Berrios-Cartagena,
Henderson and Stubbs retested
the samples that were positive
for peroxide. After retesting
it was determined that START
was getting false positives
from the peroxide strips that
were being used. In the
warehouse at the OTIE office
which is approximately 70°F
all samples which tested
positive in the field on
11/02/10 were negative. When
going outside at the office
it was approximately 50°F
and sample (Drum #8) showed
positive. START also tested
all samples positive for peroxide
on 11/2/10 with oxidizer strips
and all were negative. All the
aforementioned information was
informed to OSC-Hughes via
email on 11/3/10 @ 3:15 pm and
a spreadsheet with an inventory
of drums was emailed at 3:50 pm.

Scale: 1 square=_____

Scale: 1 square=_____

ATTACHMENT E
HAZCAT FORMS

OTIE HAZCAT - DRUM INVENTORY FORM

PRIOR TO ANY DRUM ACTIVITIES, GROUND DRUM (USE ONLY NON-SPARKING TOOLS)

SITE NAME Dawson Forest Marblehead Drum ER TDD# 05-001-0119 Drum # 1
 LOCATION (City, County, State) Dawsonville, Dawson County, Georgia
 OSC Name Alyssa Hughes W SAMPLER Ryan Stubbs/Nairimer Berrios-Cartagena
 DATE SAMPLED 11/2/10 TIME SAMPLED 1015 WEATHER ~60°F + Windy TEMPERATURE (F) ~60°F

DRUM TYPE: ☐ FIBER ☒ STEEL ☐ POLY ☐ STAINLESS STEEL ☐ NICKEL
☐ POLY - LINED ☐ RING TOP ☒ CLOSED TOP ☐ OVERPACKED ☐ OTHER

DRUM CONDITION: ☐ MEETS DOT SPEC ☐ GOOD ☐ FAIR ☒ POOR
 DRUM SIZE: ☐ 85 ☒ 55 ☐ 42 ☐ 30 ☐ 16 ☐ 10 ☐ 5 ☐ OTHER
 DRUM CONTENTS: ☐ FULL ☒ 3/4 ☐ 1/2 ☐ 1/4 ☐ < 1/4 ☐ EMPTY black solid

DRUM LABELS / MARKINGS No sample
 CHEMICAL NAME unknown
 MFG. NAME
 ADDITIONAL INFORMATION

FIELD READINGS		PHYS. STATE		COLOR	CLARITY	LAYER THICKNESS		
RADIATION BACKGROUND	RADIATION READING	L	S		C			
PID	% LEL/O2:	LIQUID	SOLID	GEL	SLUDGE	CLEAR	CLOUDY	OPAQUE
<u>1-1.2</u> mrem/hr	<u>2.5 kg/m³</u> mrem/hr							
<u>21 ppm</u>								
FID								
OTHER								
IF RAD ABOVE 5 REM STOP		TOP						
		MIDDLE						
		BOTTOM						

FIELD HAZCAT TESTING
 HAZCAT ANALYSIS BY: _____ WITNESS: _____
 HAZCAT TEST DATE: _____

RADIATION		POSITIVE		NEGATIVE		(If Radiation Detected Do Not Test Further)							
REACTIVITY AIR	NEG.	POS.	(IF AIR REACTIVE STOP TEST)	PHYS. STATE	COLOR	CLARITY	LAYER THICKNESS	FLAMMABLE	NEG.	POS.	COPPER WIRE	NEG.	POS.
PEROXIDE (Blue test pos.)	NEG.	POS.	(IF PEROXIDE STOP TEST)	L	S								
OXIDIZER (Black test pos.)	NEG.	POS.		LIQUID	SOLID	GEL	SLUDGE	CLEAR	CLOUDY	OPAQUE			
<u>19</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>											
<u>19</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>											
<u>19</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>											
pH (0-14)				TOP									
				MIDDLE									
				BOTTOM									
REACTIVITY H2O (IF H2O REACTIVE STOP TEST)	NEG.	POS.											
	<input type="checkbox"/>	<input type="checkbox"/>		TOP									
	<input type="checkbox"/>	<input type="checkbox"/>		MIDDLE									
	<input type="checkbox"/>	<input type="checkbox"/>		BOTTOM									

(S=SOLUBLE / P=PARTIALLY SOLUBLE / I=INSOLUBLE)

WATER SOLUBILITY			ORGANIC SOLUBILITY (Hexane)			Choose the Classification Group(s)		
TOP	MID	BOT	TOP	MID	BOT	Base-Neutral	Base	Peroxide
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

COMMENTS _____

OTIE HAZCAT - DRUM INVENTORY FORM

PRIOR TO ANY DRUM ACTIVITIES, GROUND DRUM (USE ONLY NON-SPARKING TOOLS)

SITE NAME <u>Dawson Forest</u>		<u>Marblehead</u> Drum ER		TDD# <u>05-001-6119</u>		Drum # <u>2</u>	
LOCATION (City, County, State) _____				<u>Dawsonville, Dawson County, Georgia</u>			
OSC Name _____		<u>Alyssa Hughes</u>		SAMPLER _____		<u>Ryan Stubbs/Nairimer Berrios-Cartagena</u>	
DATE SAMPLED <u>11/2/10</u>		TIME SAMPLED <u>1018</u>		WEATHER <u>cloudy</u>		TEMPERATURE (F) _____	

DRUM TYPE: ☐ FIBER ☒ STEEL ☐ POLY ☐ STAINLESS STEEL ☐ NICKEL
☐ POLY - LINED ☐ RING TOP ☒ CLOSED TOP ☐ OVERPACKED ☐ OTHER

DRUM CONDITION: ☐ MEETS DOT SPEC ☐ GOOD ☐ FAIR ☒ POOR

DRUM SIZE: ☐ 85 ☒ 55 ☐ 42 ☐ 30 ☐ 16 ☐ 10 ☐ 5 ☐ OTHER

DRUM CONTENTS: ☐ FULL ☒ 3/4 ☐ 1/2 ☐ 1/4 ☐ < 1/4 ☐ EMPTY

2-10-20

DRUM LABELS / MARKINGS

CHEMICAL NAME unknown

MFG. NAME _____

ADDITIONAL INFORMATION _____

FIELD READINGS		PHYS. STATE		COLOR	CLARITY			LAYER THICKNESS
RADIATION BACKGROUND	RADIATION READING	LIQUID	SOLID	GEL	S L U D G E	CLEAR	CLOUDY	OPAQUE
PID	1-1.2 mrem/hr							
FID	26 kgr mrem/hr							
OTHER								
% LEL/O2:								
1.85 %								
IF RAD ABOVE 5 REM STOP								

HAZCAT ANALYSIS BY: NBC FIELD HAZCAT TESTING WITNESS: RS
HAZCAT TEST DATE: 11/2/10

RADIATION		<input type="checkbox"/> POSITIVE <input checked="" type="checkbox"/> NEGATIVE		(If Radiation Detected Do Not Test Further)									
REACTIVITY AIR	<input checked="" type="checkbox"/> NEG. <input type="checkbox"/> POS.	(IF AIR REACTIVE STOP TEST)											
PEROXIDE (Blue test pos)	<input checked="" type="checkbox"/> NEG. <input type="checkbox"/> POS.	(IF PEROXIDE STOP TEST)											
OXIDIZER (Black test pos)	<input checked="" type="checkbox"/> NEG. <input type="checkbox"/> POS.												
	<input type="checkbox"/> TOP <input type="checkbox"/> MID <input type="checkbox"/> BOT												
pH (0-14)	_____ TOP _____ MID _____ BOT												
REACTIVITY H ₂ O (IF H ₂ O REACTIVE STOP TEST)	<input checked="" type="checkbox"/> NEG. <input type="checkbox"/> POS.												
	<input type="checkbox"/> TOP <input type="checkbox"/> MID <input type="checkbox"/> BOT												
(S=SOLUBLE / P=PARTIALLY SOLUBLE / I=INSOLUBLE)													
WATER SOLUBILITY			ORGANIC SOLUBILITY (Hexane)										
TOP	<input checked="" type="checkbox"/> S	<input type="checkbox"/> P	<input type="checkbox"/> I	TOP	<input type="checkbox"/> S	<input type="checkbox"/> P	<input checked="" type="checkbox"/> I						
MID	<input checked="" type="checkbox"/> S	<input type="checkbox"/> P	<input type="checkbox"/> I	MID	<input type="checkbox"/> S	<input type="checkbox"/> P	<input checked="" type="checkbox"/> I						
BOT	<input checked="" type="checkbox"/> S	<input type="checkbox"/> P	<input type="checkbox"/> I	BOT	<input type="checkbox"/> S	<input type="checkbox"/> P	<input checked="" type="checkbox"/> I						
						Choose the Classification Group(s) <input type="checkbox"/> Base-Neutral <input type="checkbox"/> Base <input type="checkbox"/> Peroxide <input type="checkbox"/> Organic <input type="checkbox"/> Acid <input type="checkbox"/> Oxidizer <input type="checkbox"/> Halogen <input type="checkbox"/> Flammable <input type="checkbox"/> Reactive							
						COMMENTS: <u>Neutral</u>							

OTIE HAZCAT - DRUM INVENTORY FORM

PRIOR TO ANY DRUM ACTIVITIES, GROUND DRUM (USE ONLY NON-SPARKING TOOLS)

SITE NAME Dawson Forest Marblehead Drum ER TDD# 05-001-0119 Drum # 4
LOCATION (City, County, State) Dawsonville, Dawson County, Georgia
OSC Name Alyssa Hughes SAMPLER Ryan Stubbs/Nairimer Berrios-Cartagena
DATE SAMPLED 11/2/10 TIME SAMPLED 1025 WEATHER cloudy TEMPERATURE (F) _____

DRUM TYPE: ☐ FIBER ☐ STEEL ☐ POLY ☒ STAINLESS STEEL ☐ NICKEL
☐ POLY - LINED ☒ RING TOP ☐ CLOSED TOP ☐ OVERPACKED ☐ OTHER closed

DRUM CONDITION:	<input type="checkbox"/>	MEETS DOT SPEC	<input type="checkbox"/>	GOOD	<input type="checkbox"/>	FAIR	<input checked="" type="checkbox"/>	POOR
DRUM SIZE:	<input type="checkbox"/> 85	<input checked="" type="checkbox"/> 55	<input type="checkbox"/> 42	<input type="checkbox"/> 30	<input type="checkbox"/> 16	<input type="checkbox"/> 10	<input type="checkbox"/> 5	<input type="checkbox"/> OTHER
DRUM CONTENTS:	<input checked="" type="checkbox"/> FULL	<input type="checkbox"/> 3/4	<input type="checkbox"/> 1/2	<input checked="" type="checkbox"/> 1/4	<input type="checkbox"/> < 1/4	<input type="checkbox"/>	EMPTY	liquid/sludge

DRUM LABELS / MARKINGS

CHEMICAL NAME unknown
MFG. NAME _____
ADDITIONAL INFORMATION _____

FIELD READINGS

RADIATION BACKGROUND 1-1.2 mrem/hr

RADIATION READING 2.6hgd mrem/hr

(PID)

FID 801 PPM % LEL/O2:

OTHER 2426 PPM

IF RAD ABOVE 5 REM STOP

[illegible]

FIELD HAZCAT TESTING

HAZCAT ANALYSIS BY: NBC WITNESS: PLS
HAZCAT TEST DATE: 11/2/10

RADIATION	<input type="checkbox"/>	POSITIVE	<input checked="" type="checkbox"/>	NEGATIVE
REACTIVITY AIR	<input checked="" type="checkbox"/> NEG.	<input type="checkbox"/> POS.	(IF AIR REACTIVE STOP TEST)	
PEROXIDE (Blue test pos)	<input checked="" type="checkbox"/> NEG.	<input type="checkbox"/> POS.	(IF PEROXIDE STOP TEST)	
OXIDIZER (Black test pos)	<input checked="" type="checkbox"/> NEG.	<input type="checkbox"/> POS.		
	<input checked="" type="checkbox"/>	<input type="checkbox"/> TOP		
	<input checked="" type="checkbox"/>	<input type="checkbox"/> MID		
	<input checked="" type="checkbox"/>	<input type="checkbox"/> BOT		
pH (0-14)	<input type="text"/> TOP <input type="text"/> MID <input type="text"/> BOT		} 5 pH	
REACTIVITY H2O (IF H2O REACTIVE STOP TEST)	<input checked="" type="checkbox"/> NEG.	<input type="checkbox"/> POS.		
	<input checked="" type="checkbox"/>	<input type="checkbox"/> TOP		
	<input checked="" type="checkbox"/>	<input type="checkbox"/> MID		
	<input checked="" type="checkbox"/>	<input type="checkbox"/> BOT		
			FLAMM	

(If Radiation Detected Do Not Test Further)

[illegible]

REACTIVITY H2O (IF H2O REACTIVE STOP TEST)	NEG. <input checked="" type="checkbox"/>	POS. <input type="checkbox"/> TOP <input type="checkbox"/> MID <input type="checkbox"/> BOT	FLAMMABLE	NEG. <input type="checkbox"/>	POS. <input checked="" type="checkbox"/> TOP <input checked="" type="checkbox"/> MID <input checked="" type="checkbox"/> BOT	COPPER WIRE (Green flame pos.)	NEG. <input checked="" type="checkbox"/>	POS. <input type="checkbox"/> TOP <input type="checkbox"/> MID <input type="checkbox"/> BOT
--	---	--	-----------	----------------------------------	---	-----------------------------------	---	--

(S=SOLUBLE / P=PARTIALLY SOULUBLE / I=INSOLUBLE)

WATER SOLUBILITY			ORGANIC SOLUBILITY (Hexane)			
	S	P		S	P	I
TOP	<input checked="" type="checkbox"/>	<input type="checkbox"/>	TOP	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
MID	<input checked="" type="checkbox"/>	<input type="checkbox"/>	MID	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
BOT	<input checked="" type="checkbox"/>	<input type="checkbox"/>	BOT	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Choose the ~~Classification~~ Group(s)

☒ Base/Neutral ☐ Base ☐ Peroxide
☐ Organic ☐ Acid ☐ Oxidizer
☐ Halogen ☒ Flammable ☐ Reactive

COMMENTS Neutral / Flammable

OTIE HAZCAT - DRUM INVENTORY FORM

PRIOR TO ANY DRUM ACTIVITIES, GROUND DRUM (USE ONLY NON-SPARKING TOOLS)

SITE NAME Dawson Forest Marblehead Drum ER TDD# 05-001-0119 Drum # 5
 LOCATION (City, County, State) Dawsonville, Dawson County, Georgia
 OSC Name Alyssa Hughes SAMPLER Ryan Stubbs/Nairimer Berrios-Cartagena
 DATE SAMPLED 11/2/10 TIME SAMPLED 1028 WEATHER Cloudy TEMPERATURE (F)

DRUM TYPE: ☐ FIBER ☒ STEEL ☐ POLY ☐ STAINLESS STEEL ☐ NICKEL
☐ POLY - LINED ☒ RING TOP ☐ CLOSED TOP ☐ OVERPACKED ☐ OTHER closed

DRUM CONDITION: ☐ MEETS DOT SPEC ☐ GOOD ☐ FAIR ☒ POOR
 DRUM SIZE: ☐ 85 ☒ 55 ☐ 42 ☐ 30 ☐ 16 ☐ 10 ☐ 5 ☐ OTHER
 DRUM CONTENTS: ☒ FULL ☐ 3/4 ☐ 1/2 ☐ 1/4 ☒ < 1/4 ☐ EMPTY

DRUM LABELS / MARKINGS
 CHEMICAL NAME unknown
 MFG. NAME
 ADDITIONAL INFORMATION

FIELD READINGS		PHYS. STATE		COLOR	CLARITY	LAYER THICKNESS
RADIATION BACKGROUND	<u>1-1.2</u> mrem/hr	L	S			INCHES
RADIATION READING	<u>2.6 bkgd</u> mrem/hr	LI	SL			
PID — <u>8 ppm</u>	% LEL/O2:	QU	UD			
FID — <u>31 ppm</u>		ID	GE			
OTHER		TOP	MIDDLE	BOTTOM		

IF RAD ABOVE 5 REM STOP

HAZCAT ANALYSIS BY: NBC WITNESS: RS
 HAZCAT TEST DATE: 11/2/10

RADIATION		POSITIVE		NEGATIVE		(If Radiation Detected Do Not Test Further)																		
REACTIVITY AIR	<input checked="" type="checkbox"/> NEG.	<input type="checkbox"/> POS.	(IF AIR REACTIVE STOP TEST)				PHYS. STATE	COLOR	CLARITY	LAYER THICKNESS														
PEROXIDE (Blue test pos)	<input checked="" type="checkbox"/> NEG.	<input type="checkbox"/> POS.	(IF PEROXIDE STOP TEST)								L	LI	S	SL										
OXIDIZER (Black test pos)	<input checked="" type="checkbox"/> NEG.	<input type="checkbox"/> POS.													QU	UD	ID	GE						
pH (0-14)	<input type="checkbox"/> TOP	<input type="checkbox"/> MID	<input type="checkbox"/> BOT																TOP	MIDDLE	BOTTOM			
REACTIVITY H2O (IF H2O REACTIVE STOP TEST)	<input checked="" type="checkbox"/> NEG.	<input type="checkbox"/> POS.				FLAMMABLE	<input checked="" type="checkbox"/> NEG.	<input type="checkbox"/> POS.	COPPER WIRE	<input checked="" type="checkbox"/> NEG.												<input type="checkbox"/> POS.		
	<input type="checkbox"/> TOP	<input type="checkbox"/> MID	<input type="checkbox"/> BOT								TOP	MID	BOT											
	<input type="checkbox"/> TOP	<input type="checkbox"/> MID	<input type="checkbox"/> BOT											FLAMMABLE	<input type="checkbox"/> NEG.	<input type="checkbox"/> POS.	COPPER WIRE	<input type="checkbox"/> NEG.					<input type="checkbox"/> POS.	
	<input type="checkbox"/> TOP	<input type="checkbox"/> MID	<input type="checkbox"/> BOT																FLAMMABLE	<input type="checkbox"/> NEG.	<input type="checkbox"/> POS.			COPPER WIRE
	<input type="checkbox"/> TOP	<input type="checkbox"/> MID	<input type="checkbox"/> BOT				FLAMMABLE	<input type="checkbox"/> NEG.	<input type="checkbox"/> POS.	COPPER WIRE												<input type="checkbox"/> NEG.		
	<input type="checkbox"/> TOP	<input type="checkbox"/> MID	<input type="checkbox"/> BOT								FLAMMABLE	<input type="checkbox"/> NEG.	<input type="checkbox"/> POS.											
	<input type="checkbox"/> TOP	<input type="checkbox"/> MID	<input type="checkbox"/> BOT											FLAMMABLE	<input type="checkbox"/> NEG.	<input type="checkbox"/> POS.	COPPER WIRE	<input type="checkbox"/> NEG.					<input type="checkbox"/> POS.	
	<input type="checkbox"/> TOP	<input type="checkbox"/> MID	<input type="checkbox"/> BOT																FLAMMABLE	<input type="checkbox"/> NEG.	<input type="checkbox"/> POS.			COPPER WIRE
	<input type="checkbox"/> TOP	<input type="checkbox"/> MID	<input type="checkbox"/> BOT				FLAMMABLE	<input type="checkbox"/> NEG.	<input type="checkbox"/> POS.	COPPER WIRE												<input type="checkbox"/> NEG.		
	<input type="checkbox"/> TOP	<input type="checkbox"/> MID	<input type="checkbox"/> BOT								FLAMMABLE	<input type="checkbox"/> NEG.	<input type="checkbox"/> POS.											
	<input type="checkbox"/> TOP	<input type="checkbox"/> MID	<input type="checkbox"/> BOT											FLAMMABLE	<input type="checkbox"/> NEG.	<input type="checkbox"/> POS.	COPPER WIRE	<input type="checkbox"/> NEG.					<input type="checkbox"/> POS.	
	<input type="checkbox"/> TOP	<input type="checkbox"/> MID	<input type="checkbox"/> BOT																FLAMMABLE	<input type="checkbox"/> NEG.	<input type="checkbox"/> POS.			COPPER WIRE
	<input type="checkbox"/> TOP	<input type="checkbox"/> MID	<input type="checkbox"/> BOT				FLAMMABLE	<input type="checkbox"/> NEG.	<input type="checkbox"/> POS.	COPPER WIRE												<input type="checkbox"/> NEG.		
	<input type="checkbox"/> TOP	<input type="checkbox"/> MID	<input type="checkbox"/> BOT								FLAMMABLE	<input type="checkbox"/> NEG.	<input type="checkbox"/> POS.											
	<input type="checkbox"/> TOP	<input type="checkbox"/> MID	<input type="checkbox"/> BOT											FLAMMABLE	<input type="checkbox"/> NEG.	<input type="checkbox"/> POS.	COPPER WIRE	<input type="checkbox"/> NEG.					<input type="checkbox"/> POS.	
	<input type="checkbox"/> TOP	<input type="checkbox"/> MID	<input type="checkbox"/> BOT																FLAMMABLE	<input type="checkbox"/> NEG.	<input type="checkbox"/> POS.			COPPER WIRE
	<input type="checkbox"/> TOP	<input type="checkbox"/> MID	<input type="checkbox"/> BOT				FLAMMABLE	<input type="checkbox"/> NEG.	<input type="checkbox"/> POS.	COPPER WIRE												<input type="checkbox"/> NEG.		
	<input type="checkbox"/> TOP	<input type="checkbox"/> MID	<input type="checkbox"/> BOT								FLAMMABLE	<input type="checkbox"/> NEG.	<input type="checkbox"/> POS.											
	<input type="checkbox"/> TOP	<input type="checkbox"/> MID	<input type="checkbox"/> BOT											FLAMMABLE	<input type="checkbox"/> NEG.	<input type="checkbox"/> POS.	COPPER WIRE	<input type="checkbox"/> NEG.					<input type="checkbox"/> POS.	
	<input type="checkbox"/> TOP	<input type="checkbox"/> MID	<input type="checkbox"/> BOT																FLAMMABLE	<input type="checkbox"/> NEG.	<input type="checkbox"/> POS.			COPPER WIRE
	<input type="checkbox"/> TOP	<input type="checkbox"/> MID	<input type="checkbox"/> BOT				FLAMMABLE	<input type="checkbox"/> NEG.	<input type="checkbox"/> POS.	COPPER WIRE												<input type="checkbox"/> NEG.		
	<input type="checkbox"/> TOP	<input type="checkbox"/> MID	<input type="checkbox"/> BOT								FLAMMABLE	<input type="checkbox"/> NEG.	<input type="checkbox"/> POS.											
	<input type="checkbox"/> TOP	<input type="checkbox"/> MID	<input type="checkbox"/> BOT											FLAMMABLE	<input type="checkbox"/> NEG.	<input type="checkbox"/> POS.	COPPER WIRE	<input type="checkbox"/> NEG.					<input type="checkbox"/> POS.	
	<input type="checkbox"/> TOP	<input type="checkbox"/> MID	<input type="checkbox"/> BOT																FLAMMABLE	<input type="checkbox"/> NEG.	<input type="checkbox"/> POS.			COPPER WIRE
	<input type="checkbox"/> TOP	<input type="checkbox"/> MID	<input type="checkbox"/> BOT				FLAMMABLE	<input type="checkbox"/> NEG.	<input type="checkbox"/> POS.	COPPER WIRE												<input type="checkbox"/> NEG.		
	<input type="checkbox"/> TOP	<input type="checkbox"/> MID	<input type="checkbox"/> BOT								FLAMMABLE	<input type="checkbox"/> NEG.	<input type="checkbox"/> POS.											
	<input type="checkbox"/> TOP	<input type="checkbox"/> MID	<input type="checkbox"/> BOT											FLAMMABLE	<input type="checkbox"/> NEG.	<input type="checkbox"/> POS.	COPPER WIRE	<input type="checkbox"/> NEG.					<input type="checkbox"/> POS.	
	<input type="checkbox"/> TOP	<input type="checkbox"/> MID	<input type="checkbox"/> BOT																FLAMMABLE	<input type="checkbox"/> NEG.	<input type="checkbox"/> POS.			COPPER WIRE
	<input type="checkbox"/> TOP	<input type="checkbox"/> MID	<input type="checkbox"/> BOT				FLAMMABLE	<input type="checkbox"/> NEG.	<input type="checkbox"/> POS.	COPPER WIRE												<input type="checkbox"/> NEG.		
	<input type="checkbox"/> TOP	<input type="checkbox"/> MID	<input type="checkbox"/> BOT								FLAMMABLE	<input type="checkbox"/> NEG.	<input type="checkbox"/> POS.											
	<input type="checkbox"/> TOP	<input type="checkbox"/> MID	<input type="checkbox"/> BOT											FLAMMABLE	<input type="checkbox"/> NEG.	<input type="checkbox"/> POS.	COPPER WIRE	<input type="checkbox"/> NEG.					<input type="checkbox"/> POS.	
	<input type="checkbox"/> TOP	<input type="checkbox"/> MID	<input type="checkbox"/> BOT																FLAMMABLE	<input type="checkbox"/> NEG.	<input type="checkbox"/> POS.			COPPER WIRE
	<input type="checkbox"/> TOP	<input type="checkbox"/> MID	<input type="checkbox"/> BOT				FLAMMABLE	<input type="checkbox"/> NEG.	<input type="checkbox"/> POS.	COPPER WIRE												<input type="checkbox"/> NEG.		
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	<input type="checkbox"/> TOP	<input type="checkbox"/> MID	<input type="checkbox"/> BOT											FLAMMABLE	<input type="checkbox"/> NEG.	<input type="checkbox"/> POS.	COPPER WIRE	<input type="checkbox"/> NEG.					<input type="checkbox"/> POS.	
	<input type="checkbox"/> TOP	<input type="checkbox"/> MID	<input type="checkbox"/> BOT																FLAMMABLE	<input type="checkbox"/> NEG.	<input type="checkbox"/> POS.			COPPER WIRE
	<input type="checkbox"/> TOP	<input type="checkbox"/> MID	<input type="checkbox"/> BOT				FLAMMABLE	<input type="checkbox"/> NEG.	<input type="checkbox"/> POS.	COPPER WIRE												<input type="checkbox"/> NEG.		
	<input type="checkbox"/> TOP	<input type="checkbox"/> MID	<input type="checkbox"/> BOT								FLAMMABLE	<input type="checkbox"/> NEG.	<input type="checkbox"/> POS.											
	<input type="checkbox"/> TOP	<input type="checkbox"/> MID	<input type="checkbox"/> BOT											FLAMMABLE	<input type="checkbox"/> NEG.	<input type="checkbox"/> POS.	COPPER WIRE	<input type="checkbox"/> NEG.					<input type="checkbox"/> POS.	
	<input type="checkbox"/> TOP	<input type="checkbox"/> MID	<input type="checkbox"/> BOT																FLAMMABLE	<input type="checkbox"/> NEG.	<input type="checkbox"/> POS.			COPPER WIRE
	<input type="checkbox"/> TOP	<input type="checkbox"/> MID	<input type="checkbox"/> BOT				FLAMMABLE	<input type="checkbox"/> NEG.	<input type="checkbox"/> POS.	COPPER WIRE												<input type="checkbox"/> NEG.		
	<input type="checkbox"/> TOP	<input type="checkbox"/> MID	<input type="checkbox"/> BOT								FLAMMABLE	<input type="checkbox"/> NEG.	<input type="checkbox"/> POS.											
	<input type="checkbox"/> TOP	<input type="checkbox"/> MID	<input type="checkbox"/> BOT											FLAMMABLE	<input type="checkbox"/> NEG.	<input type="checkbox"/> POS.	COPPER WIRE	<input type="checkbox"/> NEG.					<input type="checkbox"/> POS.	
	<input type="checkbox"/> TOP	<input type="checkbox"/> MID	<input type="checkbox"/> BOT																FLAMMABLE	<input type="checkbox"/> NEG.	<input type="checkbox"/> POS.			COPPER WIRE
	<input type="checkbox"/> TOP	<input type="checkbox"/> MID	<input type="checkbox"/> BOT				FLAMMABLE	<input type="checkbox"/> NEG.	<input type="checkbox"/> POS.	COPPER WIRE												<input type="checkbox"/> NEG.		
	<input type="checkbox"/> TOP	<input type="checkbox"/> MID	<input type="checkbox"/> BOT								FLAMMABLE	<input type="checkbox"/> NEG.	<input type="checkbox"/> POS.											
	<input type="checkbox"/> TOP	<input type="checkbox"/> MID	<input type="checkbox"/> BOT											FLAMMABLE	<input type="checkbox"/> NEG.	<input type="checkbox"/> POS.	COPPER WIRE	<input type="checkbox"/> NEG.					<input type="checkbox"/> POS.	
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	<input type="checkbox"/> TOP	<input type="checkbox"/> MID	<input type="checkbox"/> BOT				FLAMMABLE	<input type="checkbox"/> NEG.	<input type="checkbox"/> POS.	COPPER WIRE												<input type="checkbox"/> NEG.		
	<input type="checkbox"/> TOP	<input type="checkbox"/> MID	<input type="checkbox"/> BOT								FLAMMABLE	<input type="checkbox"/> NEG.	<input type="checkbox"/> POS.											
	<input type="checkbox"/> TOP	<input type="checkbox"/> MID	<input type="checkbox"/> BOT											FLAMMABLE	<input type="checkbox"/> NEG.	<input type="checkbox"/> POS.	COPPER WIRE	<input type="checkbox"/> NEG.					<input type="checkbox"/> POS.	
	<input type="checkbox"/> TOP	<input type="checkbox"/> MID	<input type="checkbox"/> BOT																FLAMMABLE	<input type="checkbox"/> NEG.	<input type="checkbox"/> POS.			COPPER WIRE
	<input type="checkbox"/> TOP	<input type="checkbox"/> MID	<input type="checkbox"/> BOT				FLAMMABLE	<input type="checkbox"/> NEG.	<input type="checkbox"/> POS.	COPPER WIRE												<input type="checkbox"/> NEG.		
	<input type="checkbox"/> TOP	<input type="checkbox"/> MID	<input type="checkbox"/> BOT								FLAMMABLE	<input type="checkbox"/> NEG.	<input type="checkbox"/> POS.											
	<input type="checkbox"/> TOP	<input type="checkbox"/> MID	<input type="checkbox"/> BOT											FLAMMABLE	<input type="checkbox"/> NEG.	<input type="checkbox"/> POS.	COPPER WIRE	<input type="checkbox"/> NEG.					<input type="checkbox"/> POS.	
	<input type="checkbox"/> TOP	<input type="checkbox"/> MID	<input type="checkbox"/> BOT																FLAMMABLE	<input type="checkbox"/> NEG.	<input type="checkbox"/> POS.			COPPER WIRE
	<input type="checkbox"/> TOP	<input type="checkbox"/> MID	<input type="checkbox"/> BOT				FLAMMABLE	<input type="checkbox"/> NEG.	<input type="checkbox"/> POS.	COPPER WIRE												<input type="checkbox"/> NEG.		
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	<input type="checkbox"/> TOP	<input type="checkbox"/> MID	<input type="checkbox"/> BOT																FLAMMABLE	<input type="checkbox"/> NEG.	<input type="checkbox"/> POS.			COPPER WIRE
	<input type="checkbox"/> TOP	<input type="checkbox"/> MID	<input type="checkbox"/> BOT				FLAMMABLE	<input type="checkbox"/> NEG.	<input type="checkbox"/> POS.	COPPER WIRE												<input type="checkbox"/> NEG.		
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	<input type="checkbox"/> TOP	<input type="checkbox"/> MID	<input type="checkbox"/> BOT											FLAMMABLE	<input type="checkbox"/> NEG.	<input type="checkbox"/> POS.	COPPER WIRE	<input type="checkbox"/> NEG.					<input type="checkbox"/> POS.	
	<input type="checkbox"/> TOP	<input type="checkbox"/> MID	<input type="checkbox"/> BOT																FLAMMABLE	<input type="checkbox"/> NEG.	<input type="checkbox"/> POS.			COPPER WIRE
	<input type="checkbox"/> TOP	<input type="checkbox"/> MID	<input type="checkbox"/> BOT				FLAMMABLE	<input type="checkbox"/> NEG.	<input type="checkbox"/> POS.	COPPER WIRE												<input type="checkbox"/> NEG.		
	<input type="checkbox"/> TOP	<input type="checkbox"/> MID	<input type="checkbox"/> BOT								FLAMMABLE	<input type="checkbox"/> NEG.	<input type="checkbox"/> POS.											
	<input type="checkbox"/> TOP	<input type="checkbox"/> MID	<input type="checkbox"/> BOT											FLAMMABLE	<input type="checkbox"/> NEG.	<input type="checkbox"/> POS.	COPPER WIRE	<input type="checkbox"/> NEG.					<input type="checkbox"/> POS.	
	<input type="checkbox"/> TOP	<input type="checkbox"/> MID	<input type="checkbox"/> BOT																FLAMMABLE	<input type="checkbox"/> NEG.	<input type="checkbox"/> POS.			COPPER WIRE
	<input type="checkbox"/> TOP	<input type="checkbox"/> MID	<input type="checkbox"/> BOT				FLAMMABLE	<input type="checkbox"/> NEG.	<input type="checkbox"/> POS.	COPPER WIRE												<input type="checkbox"/> NEG.		
	<input type="checkbox"/> TOP	<input type="checkbox"/> MID	<input type="checkbox"/> BOT								FLAMMABLE	<input type="checkbox"/> NEG.	<input type="checkbox"/> POS.											
	<input type="checkbox"/> TOP	<input type="checkbox"/> MID	<input type="checkbox"/> BOT											FLAMMABLE	<input type="checkbox"/> NEG.	<input type="checkbox"/> POS.	COPPER WIRE	<input type="checkbox"/> NEG.					<input type="checkbox"/> POS.	
	<input type="checkbox"/> TOP	<input type="checkbox"/> MID	<input type="checkbox"/> BOT																FLAMMABLE	<input type="checkbox"/> NEG.	<input type="checkbox"/> POS.			COPPER WIRE
	<input type="checkbox"/> TOP	<input type="checkbox"/> MID	<input type="checkbox"/> BOT				FLAMMABLE	<input type="checkbox"/> NEG.	<input type="checkbox"/> POS.	COPPER WIRE												<input type="checkbox"/> NEG.		
	<input type="checkbox"/> TOP	<input type="checkbox"/> MID	<input type="checkbox"/> BOT								FLAMMABLE	<input type="checkbox"/> NEG.	<input type="checkbox"/> POS.											
	<input type="checkbox"/> TOP	<input type="checkbox"/> MID	<input type="checkbox"/> BOT											FLAMMABLE	<input type="checkbox"/> NEG.	<								

PRIOR TO ANY DRUM ACTIVITIES, GROUND DRUM (USE ONLY NON-SPARKING TOOLS)

SITE NAME Dawson Forest ~~Marblehead~~ Drum ER TDD# 05-001-0119 Drum # 7
LOCATION (City, County, State) Dawsonville, Dawson County, Georgia
OSC Name Alyssa Hughes SAMPLER Ryan Stubbs/Nairimer Berrios-Cartagena
DATE SAMPLED 11/2/10 TIME SAMPLED 1035 WEATHER _____ TEMPERATURE (F) _____

DRUM CONDITION: ☐ MEETS DOT SPEC ☐ GOOD ☐ FAIR ☒ POOR
 DRUM SIZE: ☐ 85 ☒ 55 ☐ 42 ☐ 30 ☐ 16 ☐ 10 ☐ 5 ☐ OTHER _____
 DRUM CONTENTS: ☒ FULL ☐ 3/4 ☐ 1/2 ☐ 1/4 ☐ < 1/4 ☐ EMPTY

DRUM LABELS / MARKINGS

CHEMICAL NAME unknown (garbage; pieces of steel)

MFG. NAME _____

ADDITIONAL INFORMATION _____

FIELD READINGS	
RADIATION BACKGROUND	1-1.2 mrem/hr
RADIATION READING	< bkgd mrem/hr
<div style="display: flex; justify-content: space-between;"> <div> FID → 59 ppm FID → 600 ppm OTHER _____ </div> <div>% LEL/O2:</div> </div>	
IF RAD ABOVE 5 REM STOP	

	PHYS. STATE				COLOR	CLARITY	LAYER THICKNESS		
LAYER	L	S	G	S		C	C	O	INCHES
S	LIQUID	SOLID	GEL	SLUDGE		CLEAR	CLOUDY	OPAQUE	
TOP		X							
MIDDLE					copper				
BOTTOM		X						X	

HAZCAT ANALYSIS BY: NBC FIELD HAZCAT TESTING WITNESS: RS
HAZCAT TEST DATE: 11/2/10

<p>RADIATION</p> <p>NEG. <input type="checkbox"/> POS. <input type="checkbox"/></p> <p>REACTIVITY AIR <input type="checkbox"/> (IF AIR REACTIVE STOP TEST)</p> <p>PEROXIDE (Blue test pos) <input checked="" type="checkbox"/> <i>RS 11/3/10</i> POS. <input checked="" type="checkbox"/> <i>~10 ppm</i> (IF PEROXIDE STOP TEST)</p> <p>OXIDIZER (Black test pos) <input checked="" type="checkbox"/> NEG. <input type="checkbox"/> POS. <input type="checkbox"/></p> <p>pH (0-14) _____ TOP _____ MID _____ BOT</p> <p>REACTIVITY H₂O (IF H₂O REACTIVE STOP TEST) <input checked="" type="checkbox"/> NEG. <input type="checkbox"/> POS. <input type="checkbox"/></p> <p>_____ TOP _____ MID _____ BOT</p>	<p>POSITIVE <input checked="" type="checkbox"/> NEGATIVE <input type="checkbox"/></p> <p>(If Radiation Detected Do Not Test Further)</p> <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th colspan="4">PHYS. STATE</th> <th>COLOR</th> <th colspan="2">CLARITY</th> <th>LAYER THICKNESS</th> </tr> <tr> <th>L</th> <th>L</th> <th>S</th> <th>S</th> <th></th> <th>C</th> <th>C</th> <th></th> </tr> <tr> <th>A</th> <th>I</th> <th>O</th> <th>L</th> <th></th> <th>L</th> <th>L</th> <th></th> </tr> <tr> <th>Y</th> <th>Q</th> <th>I</th> <th>G</th> <th></th> <th>E</th> <th>O</th> <th></th> </tr> <tr> <th>E</th> <th>U</th> <th>D</th> <th>E</th> <th></th> <th>A</th> <th>U</th> <th></th> </tr> <tr> <th>S</th> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </thead> <tbody> <tr> <td>TOP</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>MIDDLE</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>BOTTOM</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table> <p>FLAMMABLE <input checked="" type="checkbox"/> NEG. <input type="checkbox"/> POS. <input type="checkbox"/></p> <p>COPPER WIRE <input checked="" type="checkbox"/> NEG. <input type="checkbox"/> POS. <input type="checkbox"/></p> <p>(Green flame pos.) <input checked="" type="checkbox"/> <input type="checkbox"/> TOP <input checked="" type="checkbox"/> <input type="checkbox"/> MID <input checked="" type="checkbox"/> <input type="checkbox"/> BOT</p> <p>Choose the Classification Group(s)</p> <p><input checked="" type="checkbox"/> Base <input checked="" type="checkbox"/> Neutral <input type="checkbox"/> Base <input type="checkbox"/> Peroxide</p> <p><input type="checkbox"/> Organic <input type="checkbox"/> Acid <input type="checkbox"/> Oxidizer</p> <p><input type="checkbox"/> Halogen <input type="checkbox"/> Flammable <input type="checkbox"/> Reactive</p> <p>COMMENTS <i>Retested for peroxide at office and was negative. Neutral</i></p>	PHYS. STATE				COLOR	CLARITY		LAYER THICKNESS	L	L	S	S		C	C		A	I	O	L		L	L		Y	Q	I	G		E	O		E	U	D	E		A	U		S																																TOP								MIDDLE								BOTTOM								<p>WATER SOLUBILITY</p> <p>S P I</p> <p>TOP <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/></p> <p>MID <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/></p> <p>BOT <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/></p> <p>ORGANIC SOLUBILITY (Hexane)</p> <p>S P I</p> <p>TOP <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/></p> <p>MID <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/></p> <p>BOT <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/></p>
PHYS. STATE				COLOR	CLARITY		LAYER THICKNESS																																																																																											
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BOTTOM																																																																																																		

OTIE HAZCAT - DRUM INVENTORY FORM

PRIOR TO ANY DRUM ACTIVITIES, GROUND DRUM (USE ONLY NON-SPARKING TOOLS)

SITE NAME Dawson Forest ~~Marblehead~~ Drum ER Dawsonville, Dawson County, Georgia TDD# 05-001-0119 Drum # 8
 LOCATION (City, County, State) Dawsonville, Dawson County, Georgia
 OSC Name Alyssa Hughes SAMPLER Ryan Stubbs/Nairimer Berrios-Cartagena
 DATE SAMPLED 11/2/10 TIME SAMPLED 1038 WEATHER _____ TEMPERATURE (F) _____

DRUM TYPE: ☐ FIBER ☒ STEEL ☐ POLY ☐ STAINLESS STEEL ☐ NICKEL
☐ POLY-LINED ☒ RING TOP ☒ CLOSED TOP ☐ OVERPACKED ☐ OTHER broken

DRUM CONDITION: ☐ MEETS DOT SPEC ☐ GOOD ☐ FAIR ☒ POOR
 DRUM SIZE: ☐ 85 ☐ 55 ☐ 42 ☐ 30 ☐ 16 ☐ 10 ☐ 5 ☐ OTHER _____
 DRUM CONTENTS: ☐ FULL ☐ 3/4 ☐ 1/2 ☒ 1/4 ☐ < 1/4 ☐ EMPTY liquid

DRUM LABELS / MARKINGS
 CHEMICAL NAME unknown (note: a solid film on the bottom)
 MFG. NAME _____
 ADDITIONAL INFORMATION _____

FIELD READINGS		RADIATION BACKGROUND		RADIATION READING		PHYS. STATE		COLOR		CLARITY		LAYER THICKNESS	
PID	FID	OTHER	mrem/hr	mrem/hr			LIQUID	SOLID	GEL	SLUDGE	CLEAR	CLOUDY	OPAQUE
<u>1-1.2</u>	<u>2640</u>												
<u>37ppm</u>	<u>27ppm</u>												

IF RAD ABOVE 5 REM STOP

HAZCAT ANALYSIS BY: NBC FIELD HAZCAT TESTING WITNESS: DS
 HAZCAT TEST DATE: 11/2/10

RADIATION		POSITIVE		NEGATIVE		(If Radiation Detected Do Not Test Further)									
REACTIVITY AIR	NEG.	POS.													
	<input checked="" type="checkbox"/>	<input type="checkbox"/>													
PEROXIDE (Blue test pos)	<input checked="" type="checkbox"/>	<input type="checkbox"/>													
OXIDIZER (Black test pos)	<input checked="" type="checkbox"/>	<input type="checkbox"/>													
pH (0-14)															
REACTIVITY H2O (IF H2O REACTIVE STOP TEST)	<input checked="" type="checkbox"/>	<input type="checkbox"/>													
	<input checked="" type="checkbox"/>	<input type="checkbox"/>													
	<input checked="" type="checkbox"/>	<input type="checkbox"/>													
	<input checked="" type="checkbox"/>	<input type="checkbox"/>													

(S=SOLUBLE / P=PARTIALLY SOULUBLE / I=INSOLUBLE)

WATER SOLUBILITY			ORGANIC SOLUBILITY (Hexane)		
TOP	MID	BOT	TOP	MID	BOT
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Choose the Classification Group(s)
☒ Base-Neutral ☐ Base ☐ Peroxide
☐ Organic ☐ Acid ☐ Oxidizer
☐ Halogen ☐ Flammable ☐ Reactive

COMMENTS Neutral

OTIE HAZCAT - DRUM INVENTORY FORM

PRIOR TO ANY DRUM ACTIVITIES, GROUND DRUM (USE ONLY NON-SPARKING TOOLS)

SITE NAME Dawson Forest ~~Marblehead~~ Drum ER _____ TDD# 05-001-0119 Drum # 9
 LOCATION (City, County, State) _____ Dawsonville, Dawson County, Georgia
 OSC Name Alyssa Hughes SAMPLER Ryan Stubbs/Nairimer Berrios-Cartagena
 DATE SAMPLED 11/2/2010 TIME SAMPLED 1031 WEATHER _____ TEMPERATURE (F) _____

DRUM TYPE: ☐ FIBER ☒ STEEL ☐ POLY ☐ STAINLESS STEEL ☐ NICKEL
☐ POLY - LINED ☐ RING TOP ☒ CLOSED TOP ☐ OVERPACKED ☐ OTHER _____

DRUM CONDITION: ☐ MEETS DOT SPEC ☐ GOOD ☐ FAIR ☒ POOR
 DRUM SIZE: ☐ 85 ☐ 55 ☐ 42 ☐ 30 ☐ 16 ☐ 10 ☐ 5 ☐ OTHER _____
 DRUM CONTENTS: ☒ FULL ☐ 3/4 ☐ 1/2 ☐ 1/4 ☒ < 1/4 ☐ EMPTY oil like amber

DRUM LABELS / MARKINGS
 CHEMICAL NAME unknown
 MFG. NAME _____
 ADDITIONAL INFORMATION _____

FIELD READINGS		PHYS. STATE		COLOR	CLARITY	LAYER THICKNESS
RADIATION BACKGROUND	<u>1-1.2</u> mrem/hr	L	L		C	INCHES
RADIATION READING	<u>2.6 kgd</u> mrem/hr	Q	S		C	
PID <u>6 ppm</u>	% LEL/O2: _____	I	G		C	
FID <u>10.45%</u>		D	E		O	
OTHER _____		TOP				
		MIDDLE		<u>Amber</u>		
		BOTTOM				

IF RAD ABOVE 5 REM STOP

HAZCAT ANALYSIS BY: NBC FIELD HAZCAT TESTING WITNESS: RS
 HAZCAT TEST DATE: 11/2/10

RADIATION		POSITIVE		NEGATIVE		(If Radiation Detected Do Not Test Further)						
REACTIVITY AIR	<input checked="" type="checkbox"/> NEG.	<input type="checkbox"/> POS.	(IF AIR REACTIVE STOP TEST)				PHYS. STATE		COLOR	CLARITY	LAYER THICKNESS	
PEROXIDE (Blue test pos)	<input checked="" type="checkbox"/> NEG.	<input type="checkbox"/> POS.	(IF PEROXIDE STOP TEST)				L	L		C	C	INCHES
OXIDIZER (Black test pos)	<input checked="" type="checkbox"/> NEG.	<input type="checkbox"/> POS.					Q	S		C	C	
	<input type="checkbox"/>	<input type="checkbox"/>					I	G		E	O	
pH (0-14)			TOP			TOP						
			MID			MIDDLE						
			BOT			BOTTOM						
REACTIVITY H2O (IF H2O REACTIVE STOP TEST)	<input checked="" type="checkbox"/> NEG.	<input type="checkbox"/> POS.	TOP			FLAMMABLE	<input checked="" type="checkbox"/> NEG.	<input type="checkbox"/> POS.	COPPER WIRE	<input checked="" type="checkbox"/> NEG.	<input type="checkbox"/> POS.	
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	MID				<input checked="" type="checkbox"/>	<input type="checkbox"/>	(Green flame pos.)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
	<input type="checkbox"/>	<input type="checkbox"/>	BOT				<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	
(S=SOLUBLE / P=PARTIALLY SOLUBLE / I=INSOLUBLE)						Choose the Classification Group(s)						
WATER SOLUBILITY						<input checked="" type="checkbox"/> Base-Neutral <input type="checkbox"/> Base <input type="checkbox"/> Peroxide						
ORGANIC SOLUBILITY (Hexane)						<input type="checkbox"/> Organic <input type="checkbox"/> Acid <input type="checkbox"/> Oxidizer						
						<input type="checkbox"/> Halogen <input type="checkbox"/> Flammable <input type="checkbox"/> Reactive						
TOP	<input type="checkbox"/> S	<input checked="" type="checkbox"/> P	<input type="checkbox"/> I	TOP	<input type="checkbox"/> S	<input type="checkbox"/> P	<input checked="" type="checkbox"/> I	COMMENTS <u>Neutral</u>				
MID	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	MID	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>					
BOT	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	BOT	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>					

OTIE HAZCAT - DRUM INVENTORY FORM

PRIOR TO ANY DRUM ACTIVITIES, GROUND DRUM (USE ONLY NON-SPARKING TOOLS)

SITE NAME Dawson Forest Marblehead Drum ER TDD# 05-001-0119 Drum # 10
 LOCATION (City, County, State) Dawsonville, Dawson County, Georgia
 OSC Name Alyssa Hughes SAMPLER Ryan Stubbs/Nairimer Berrios-Cartagena
 DATE SAMPLED 11/2/10 TIME SAMPLED 1040 WEATHER cloudy TEMPERATURE (F)

DRUM TYPE: ☐ FIBER ☒ STEEL ☐ POLY ☐ STAINLESS STEEL ☐ NICKEL
☐ POLY-LINED ☐ RING TOP ☒ CLOSED TOP ☐ OVERPACKED ☐ OTHER

DRUM CONDITION: ☐ MEETS DOT SPEC ☐ GOOD ☐ FAIR ☒ POOR
 DRUM SIZE: ☐ 85 ☒ 55 ☐ 42 ☐ 30 ☐ 16 ☐ 10 ☐ 5 ☐ OTHER
 DRUM CONTENTS: ☐ FULL ☐ 3/4 ☐ 1/2 ☐ 1/4 ☒ < 1/4 ☐ EMPTY oily like amber

DRUM LABELS / MARKINGS
 CHEMICAL NAME unknown (oily like amber liquid)
 MFG. NAME BASF
 ADDITIONAL INFORMATION Elastospray 8000 A Isocyanate
max # 55535240

FIELD READINGS
 RADIATION BACKGROUND 1-1.2 mrem/hr
 RADIATION READING 2.64 mrem/hr
 PID 31 ppm % LEL/O2:
 FID 93 ppm
 OTHER
 IF RAD ABOVE 5 REM STOP

	PHYS. STATE				COLOR	CLARITY			LAYER THICKNESS
	L	S	G	S		C	C	O	
LAYER	L	S	G	S		C	C	O	
TOP									
MIDDLE					amber				
BOTTOM									

HAZCAT ANALYSIS BY: NBC FIELD HAZCAT TESTING WITNESS: RS
 HAZCAT TEST DATE: 11/2/10

RADIATION ☐ POSITIVE ☒ NEGATIVE
 REACTIVITY AIR ☒ NEG. ☐ POS. (IF AIR REACTIVE STOP TEST)
 PEROXIDE (Blue test pos) ☒ NEG. ☐ POS. (IF PEROXIDE STOP TEST)
 OXIDIZER (Black test pos) ☒ NEG. ☐ POS.
 pH (0-14) 7.6 pH
 REACTIVITY H2O (IF H2O REACTIVE STOP TEST) ☒ NEG. ☐ POS.
☐ TOP ☐ MID ☐ BOT

	PHYS. STATE				COLOR	CLARITY			LAYER THICKNESS
	L	S	G	S		C	C	O	
LAYER	L	S	G	S		C	C	O	
TOP									
MIDDLE									
BOTTOM									

FLAMMABLE ☒ NEG. ☐ POS. TOP ☐ MID ☐ BOT
 COPPER WIRE ☒ NEG. ☐ POS. TOP ☐ MID ☐ BOT
 (Green flame pos.)

(S=SOLUBLE / P=PARTIALLY SOLUBLE / I=INSOLUBLE)

Choose the Classification Group(s)
☒ Base/Neutral ☐ Base ☐ Peroxide
☐ Organic ☐ Acid ☐ Oxidizer
☐ Halogen ☐ Flammable ☐ Reactive

WATER SOLUBILITY ORGANIC SOLUBILITY (Hexane)
 TOP ☐ S ☐ P ☒ I TOP ☐ S ☐ P ☒ I
 MID ☐ S ☐ P ☒ I MID ☐ S ☐ P ☒ I
 BOT ☐ S ☐ P ☒ I BOT ☐ S ☐ P ☒ I

COMMENTS Retested at office for chloride and was negative. Neutral

OTIE HAZCAT - DRUM INVENTORY FORM

PRIOR TO ANY DRUM ACTIVITIES, GROUND DRUM (USE ONLY NON-SPARKING TOOLS)

SITE NAME Dawson Forest Marblehead Drum ER _____ TDD# 05-001-0119 Drum # 11
 LOCATION (City, County, State) _____ Dawsonville, Dawson County, Georgia
 OSC Name _____ Alyssa Hughes SAMPLER _____ Ryan Stubbs/Nairimer Berrios-Cartagena
 DATE SAMPLED 11/2/10 TIME SAMPLED 1046 WEATHER _____ TEMPERATURE (F) _____

DRUM TYPE: ☐ FIBER ☐ STEEL ☒ POLY ☐ STAINLESS STEEL ☐ NICKEL
☐ POLY - LINED ☐ RING TOP ☒ CLOSED TOP ☐ OVERPACKED ☐ OTHER _____

DRUM CONDITION: ☐ MEETS DOT SPEC ☐ GOOD ☒ FAIR ☐ POOR
 DRUM SIZE: ☐ 85 ☒ 55 ☐ 42 ☐ 30 ☐ 16 ☐ 10 ☐ 5 ☐ OTHER _____
 DRUM CONTENTS: ☐ FULL ☐ 3/4 ☐ 1/2 ☐ 1/4 ☒ < 1/4 ☐ EMPTY

CHEMICAL NAME _____ DRUM LABELS / MARKINGS unknown (clear crystals/solid)
 MFG. NAME _____
 ADDITIONAL INFORMATION _____

FIELD READINGS		RADIATION BACKGROUND		RADIATION READING		PHYS. STATE		COLOR		CLARITY		LAYER THICKNESS	
		mrem/hr		mrem/hr		L	L	S	S	C	C	O	INCHES
						AYER	LI	S	S	LEAR	LO	PA	
						R	QU	OLID	LUDGE	AR	UD	QUE	
						S	ID	D	E	Y	DY	E	
RADIATION BACKGROUND		1-1.2		2.6hgd		TOP							
RADIATION READING						MIDDLE							
PID → 023 PPM						BOTTOM							
FID → 027 PPM													
OTHER													

IF RAD ABOVE 5 REM STOP

HAZCAT ANALYSIS BY: NBC WITNESS: RS
 HAZCAT TEST DATE: 11/2/10

RADIATION		POSITIVE		NEGATIVE		(If Radiation Detected Do Not Test Further)									
		NEG.	POS.			L	L	S	S	C	C	O	INCHES		
						AYER	LI	S	S	LEAR	LO	PA			
						R	QU	OLID	LUDGE	AR	UD	QUE			
						S	ID	D	E	Y	DY	E			
REACTIVITY AIR		<input checked="" type="checkbox"/>	<input type="checkbox"/>	(IF AIR REACTIVE STOP TEST)		TOP									
PEROXIDE (Blue test pos)		<input checked="" type="checkbox"/>	<input type="checkbox"/>	(IF PEROXIDE STOP TEST)		MIDDLE									
OXIDIZER (Black test pos)		<input checked="" type="checkbox"/>	<input type="checkbox"/>			BOTTOM									
pH (0-14)															
REACTIVITY H2O (IF H2O REACTIVE STOP TEST)		<input checked="" type="checkbox"/>	<input type="checkbox"/>												
		<input checked="" type="checkbox"/>	<input type="checkbox"/>												
		<input checked="" type="checkbox"/>	<input type="checkbox"/>												

FLAMMABLE: ☒ NEG. ☐ POS. TOP ☐ MID ☐ BOT

COPPER WIRE (Green flame pos.): ☒ NEG. ☐ POS. TOP ☐ MID ☐ BOT

(S=SOLUBLE / P=PARTIALLY SOLUBLE / I=INSOLUBLE)

WATER SOLUBILITY			ORGANIC SOLUBILITY (Hexane)		
TOP	S	P	TOP	S	P
	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
MID	<input type="checkbox"/>	<input type="checkbox"/>	MID	<input type="checkbox"/>	<input type="checkbox"/>
BOT	<input type="checkbox"/>	<input type="checkbox"/>	BOT	<input type="checkbox"/>	<input type="checkbox"/>

Choose the Classification Group(s): ☐ Base-Neutral ☒ Base ☐ Peroxide
☐ Organic ☐ Acid ☐ Oxidizer
☐ Halogen ☐ Flammable ☐ Reactive

COMMENTS: Base

OTIE HAZCAT - DRUM INVENTORY FORM

PRIOR TO ANY DRUM ACTIVITIES, GROUND DRUM (USE ONLY NON-SPARKING TOOLS)

SITE NAME Dawson Forest ~~Marblehead~~ Drum ER TDD# 05-001-0119 Drum # 12
LOCATION (City, County, State) Dawsonville, Dawson County, Georgia
OSC Name Alyssa Hughes SAMPLER Ryan Stubbs/Nairimer Berrios-Cartagena
DATE SAMPLED 11/2/10 TIME SAMPLED 1050 WEATHER cloudy TEMPERATURE (F) _____


DRUM TYPE: ☐ FIBER ☒ STEEL ☐ POLY ☐ STAINLESS STEEL ☐ NICKEL
☐ POLY - LINED ☐ RING TOP ☒ CLOSED TOP ☐ OVERPACKED ☐ OTHER

DRUM CONDITION: ☐ MEETS DOT SPEC ☐ GOOD ☐ FAIR ☒ POOR

DRUM SIZE: ☐ 85 ☒ 55 ☐ 42 ☐ 30 ☐ 16 ☐ 10 ☐ 5 ☐ OTHER

DRUM CONTENTS: ☐ FULL ☐ 3/4 ☒ 1/2 ☐ 1/4 ☐ < 1/4 ☐ EMPTY

CHEMICAL NAME unknown DRUM LABELS / MARKINGS * No sample
MFG. NAME _____
ADDITIONAL INFORMATION _____

FIELD READINGS		PHYS. STATE		COLOR	CLARITY			LAYER THICKNESS
RADIATION BACKGROUND	1-1.2 mrem/hr	L	S		C	O	INCHES	
RADIATION READING	< 0.1 mrem/hr	L	S		C	O		
PID		L	S		C	O		
FID		L	S		C	O		
OTHER		L	S		C	O		
IF RAD ABOVE 5 REM STOP		L	S		C	O		

FIELD HAZCAT TESTING

HAZCAT ANALYSIS BY: _____ WITNESS: _____
HAZCAT TEST DATE: _____

RADIATION ☐ POSITIVE ☐ NEGATIVE

REACTIVITY AIR ☐ NEG. ☐ POS. (IF AIR REACTIVE STOP TEST)

PEROXIDE ☐ NEG. ☐ POS. (IF PEROXIDE STOP TEST)
(Blue test pos)

OXIDIZER ☐ NEG. ☐ POS. TOP
(Black test pos) ☐ MID ☐ BOT

pH (0-14) _____ TOP
_____ MID
_____ BOT

REACTIVITY H2O ☐ NEG. ☐ POS. TOP
(IF H2O REACTIVE STOP TEST) ☐ MID ☐ BOT

(S=SOLUBLE / P=PARTIALLY SOULUBLE / I=INSOLUBLE)

WATER SOLUBILITY	ORGANIC SOLUBILITY (Hexane)
TOP <input type="checkbox"/> S <input type="checkbox"/> P <input type="checkbox"/> I	TOP <input type="checkbox"/> S <input type="checkbox"/> P <input type="checkbox"/> I
MID <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	MID <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
BOT <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	BOT <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

(If Radiation Detected Do Not Test Further)

	PHYS. STATE				COLOR	CLARITY			LAYER THICKNESS
L A Y E R S	L I Q U I D	S O L I D	G E L	S L U D G E		C L E A R	C L O U D Y	O P A Q U E	I N C H E S
TOP									
MIDDLE									
BOTTOM									

FLAMMABLE ☐ NEG. ☐ POS. TOP
☐ MID ☐ BOT

COPPER WIRE ☐ NEG. ☐ POS. TOP
(Green flame pos.) ☐ MID ☐ BOT

Choose the Classification Group(s)

<input type="checkbox"/> Base-Neutral	<input type="checkbox"/> Base	<input type="checkbox"/> Peroxide
<input type="checkbox"/> Organic	<input type="checkbox"/> Acid	<input type="checkbox"/> Oxidizer
<input type="checkbox"/> Halogen	<input type="checkbox"/> Flammable	<input type="checkbox"/> Reactive

COMMENTS _____

OTIE HAZCAT - DRUM INVENTORY FORM

PRIOR TO ANY DRUM ACTIVITIES, GROUND DRUM (USE ONLY NON-SPARKING TOOLS)

SITE NAME Dawson Forest ~~Marblehead~~ Drum ER _____ TDD# 05-001-0119 Drum # 13
 LOCATION (City, County, State) _____ Dawsonville, Dawson County, Georgia
 OSC Name _____ Alyssa Hughes SAMPLER _____ Ryan Stubbs/Nairimer Berrios-Cartagena
 DATE SAMPLED 11/2/10 TIME SAMPLED 1059 WEATHER _____ TEMPERATURE (F) _____

DRUM TYPE: ☐ FIBER ☒ STEEL ☐ POLY ☐ STAINLESS STEEL ☐ NICKEL
☐ POLY - LINED ☐ RING TOP ☒ CLOSED TOP ☐ OVERPACKED ☐ OTHER _____

DRUM CONDITION: ☐ MEETS DOT SPEC ☐ GOOD ☐ FAIR ☒ POOR
 DRUM SIZE: ☐ 85 ☒ 55 ☐ 42 ☐ 30 ☐ 16 ☐ 10 ☐ 5 ☐ OTHER _____
 DRUM CONTENTS: ☐ FULL ☒ 3/4 ☐ 1/2 ☐ 1/4 ☐ < 1/4 ☐ EMPTY vaseline like material

DRUM LABELS / MARKINGS
 CHEMICAL NAME _____ unknown
 MFG. NAME _____
 ADDITIONAL INFORMATION _____

FIELD READINGS		RADIATION BACKGROUND		RADIATION READING		PHYS. STATE		COLOR		CLARITY		LAYER THICKNESS	
PID	FID	OTHER	% LEL/O2:	mrem/hr	mrem/hr	L	A	L	S	C	C	O	INCHES
						Y	A	Q	G	L	L	P	
						E	E	I	E	E	A	A	
						S	S	S	S	S	S	S	
						L	L	L	L	L	L	L	
						I	I	I	I	I	I	I	
						D	D	D	D	D	D	D	
						I	I	I	I	I	I	I	
						D	D	D	D	D	D	D	
						E	E	E	E	E	E	E	
						S	S	S	S	S	S	S	
						L	L	L	L	L	L	L	
						I	I	I	I	I	I	I	
						D	D	D	D	D	D	D	
						E	E	E	E	E	E	E	
						S	S	S	S	S	S	S	
						L	L	L	L	L	L	L	
						I	I	I	I	I	I	I	
						D	D	D	D	D	D	D	
						E	E	E	E	E	E	E	
						S	S	S	S	S	S	S	
						L	L	L	L	L	L	L	
						I	I	I	I	I	I	I	
						D	D	D	D	D	D	D	
						E	E	E	E	E	E	E	
						S	S	S	S	S	S	S	
						L	L	L	L	L	L	L	
						I	I	I	I	I	I	I	
						D	D	D	D	D	D	D	
						E	E	E	E	E	E	E	
						S	S	S	S	S	S	S	
						L	L	L	L	L	L	L	
						I	I	I	I	I	I	I	
						D	D	D	D	D	D	D	
						E	E	E	E	E	E	E	
						S	S	S	S	S	S	S	
						L	L	L	L	L	L	L	
						I	I	I	I	I	I	I	
						D	D	D	D	D	D	D	
						E	E	E	E	E	E	E	
						S	S	S	S	S	S	S	
						L	L	L	L	L	L	L	
						I	I	I	I	I	I	I	
						D	D	D	D	D	D	D	
						E	E	E	E	E	E	E	
						S	S	S	S	S	S	S	
						L	L	L	L	L	L	L	
						I	I	I	I	I	I	I	
						D	D	D	D	D	D	D	
						E	E	E	E	E	E	E	
						S	S	S	S	S	S	S	
						L	L	L	L	L	L	L	
						I	I	I	I	I	I	I	
						D	D	D	D	D	D	D	
						E	E	E	E	E	E	E	
						S	S	S	S	S	S	S	
						L	L	L	L	L	L	L	
						I	I	I	I	I	I	I	
						D	D	D	D	D	D	D	
						E	E	E	E	E	E	E	
						S	S	S	S	S	S	S	
						L	L	L	L	L	L	L	
						I	I	I	I	I	I	I	
						D	D	D	D	D	D	D	
						E	E	E	E	E	E	E	
						S	S	S	S	S	S	S	
						L	L	L	L	L	L	L	
						I	I	I	I	I	I	I	
						D	D	D	D	D	D	D	
						E	E	E	E	E	E	E	
						S	S	S	S	S	S	S	
						L	L	L	L	L	L	L	
						I	I	I	I	I	I	I	
						D	D	D	D	D	D	D	
						E	E	E	E	E	E	E	
						S	S	S	S	S	S	S	
						L	L	L	L	L	L	L	
						I	I	I	I	I	I	I	
						D	D	D	D	D	D	D	
						E	E	E	E	E	E	E	
						S	S	S	S	S	S	S	
						L	L	L	L	L	L	L	
						I	I	I	I	I	I	I	
						D	D	D	D	D	D	D	
						E	E	E	E	E	E	E	
						S	S	S	S	S	S	S	
						L	L	L	L	L	L	L	
						I	I	I	I	I	I	I	
						D	D	D	D	D	D	D	
						E	E	E	E	E	E	E	
						S	S	S	S	S	S	S	
						L	L	L	L	L	L	L	
						I	I	I	I	I	I	I	
						D	D	D	D	D	D	D	
						E	E	E	E	E	E	E	
						S	S	S	S	S	S	S	
						L	L	L	L	L	L	L	
						I	I	I	I	I	I	I	
						D	D	D	D	D	D	D	
						E	E	E	E	E	E	E	
						S	S	S	S	S	S	S	
						L	L	L	L	L	L	L	
						I	I	I	I	I	I	I	
						D	D	D	D	D	D	D	
						E	E	E	E	E	E	E	
						S	S	S	S	S	S	S	
						L	L	L	L	L	L	L	
						I	I	I	I	I	I	I	
						D	D	D	D	D	D	D	
						E	E	E	E	E	E	E	
						S	S	S	S	S	S	S	
						L	L	L	L	L	L	L	
						I	I	I	I	I	I	I	
						D	D	D	D	D	D	D	
						E	E	E	E	E	E	E	
						S	S	S	S	S	S	S	
						L	L	L	L	L	L	L	
						I	I	I	I	I	I	I	
						D	D	D	D	D	D	D	
						E	E	E	E	E	E	E	
						S	S	S	S	S	S	S	
						L	L	L	L	L	L	L	
						I	I	I	I	I	I	I	
						D	D	D	D	D	D	D	
						E	E	E	E	E	E	E	
						S	S	S	S	S	S	S	
						L	L	L	L	L	L	L	
						I	I	I	I	I	I	I	
						D	D	D	D	D	D	D	
						E	E	E	E	E	E	E	
						S	S	S	S	S	S	S	
						L	L	L	L	L	L	L	
						I	I	I	I	I	I	I	
						D	D	D	D	D	D	D	
						E	E	E	E	E	E	E	
						S	S	S	S	S	S	S	
						L	L	L	L	L	L	L	

PRIOR TO ANY DRUM ACTIVITIES, GROUND DRUM (USE ONLY NON-SPARKING TOOLS)

E-14

OTIE HAZCAT - DRUM INVENTORY FORM

PRIOR TO ANY DRUM ACTIVITIES, GROUND DRUM (USE ONLY NON-SPARKING TOOLS)

SITE NAME Dawson Forest - Marblehead Drum ER TDD# 85-061-0119 Drum # 15
 LOCATION (City, County, State) Dawsonville, Dawson County, Georgia
 OSC Name Alyssa Hughes SAMPLER Ryan Stubbs/Nairimer Berrios-Cartagena
 DATE SAMPLED 11/2/10 TIME SAMPLED 1116 WEATHER Cloudy TEMPERATURE (F)

DRUM TYPE: ☐ FIBER ☒ STEEL ☐ POLY ☐ STAINLESS STEEL ☐ NICKEL
☐ POLY - LINED ☐ RING TOP ☒ CLOSED TOP ☐ OVERPACKED ☐ OTHER

DRUM CONDITION: ☐ MEETS DOT SPEC ☐ GOOD ☐ FAIR ☒ POOR
 DRUM SIZE: ☐ 85 ☒ 55 ☐ 42 ☐ 30 ☐ 16 ☐ 10 ☐ 5 ☐ OTHER
 DRUM CONTENTS: ☐ FULL ☐ 3/4 ☐ 1/2 ☒ 1/4 ☐ < 1/4 ☐ EMPTY silky like material

DRUM LABELS / MARKINGS

CHEMICAL NAME unknown (solid & sludge)
 MFG. NAME
 ADDITIONAL INFORMATION

FIELD READINGS

RADIATION BACKGROUND 1-1.2 mrem/hr
 RADIATION READING 26kgd mrem/hr
 PID 216 ppm
 FID 58 ppm
 OTHER

% LEL/O2:

IF RAD ABOVE 5 REM STOP

	PHYS. STATE				COLOR	CLARITY			LAYER THICKNESS
LAYER	LIQUID	SOLID	GEL	SLUDGE		CLEAR	CLOUDY	OPAQUE	INCHES
TOP									
MIDDLE									
BOTTOM									

FIELD HAZCAT TESTING

HAZCAT ANALYSIS BY: NBC
 HAZCAT TEST DATE: 11/2/10

WITNESS: RS

RADIATION

☐ POSITIVE ☒ NEGATIVE

(If Radiation Detected Do Not Test Further)

REACTIVITY AIR

NEG. ☒ POS. ☐ (IF AIR REACTIVE STOP TEST)

PEROXIDE (Blue test pos)

NEG. ☒ POS. ☐ (IF PEROXIDE STOP TEST)

OXIDIZER (Black test pos)

NEG. ☒ POS. ☐
☐ TOP
☐ MID
☐ BOT

pH (0-14)

☒ TOP
☒ MID
☐ BOT
Acid pH = 3

REACTIVITY H2O (IF H2O REACTIVE STOP TEST)

NEG. ☒ POS. ☐
☐ TOP
☐ MID
☐ BOT

FLAMMABLE

NEG. ☒ POS. ☐
☐ TOP
☐ MID
☐ BOT

COPPER WIRE (Green flame pos.)

NEG. ☒ POS. ☐
☐ TOP
☐ MID
☐ BOT

(S=SOLUBLE / P=PARTIALLY SOULUBLE / I=INSOLUBLE)

WATER SOLUBILITY

ORGANIC SOLUBILITY (Hexane)

TOP ☐ S ☐ P ☒ I
 MID ☐ S ☐ P ☒ I
 BOT ☐ S ☐ P ☒ I

Choose the Classification Group(s)

☐ Base-Neutral ☐ Base ☐ Peroxide
☐ Organic ☒ Acid ☐ Oxidizer
☐ Halogen ☐ Flammable ☐ Reactive

COMMENTS

Acid

OTIE HAZCAT - DRUM INVENTORY FORM

PRIOR TO ANY DRUM ACTIVITIES, GROUND DRUM (USE ONLY NON-SPARKING TOOLS)

SITE NAME Dawson Forest Marblehead Drum ER TDD# 65-001-0119 Drum # 10
 LOCATION (City, County, State) Dawsonville, Dawson County, Georgia
 OSC Name Alyssa Hughes SAMPLER Ryan Stubbs/Nairimer Berrios-Cartagena
 DATE SAMPLED 11/2/10 TIME SAMPLED 1122 WEATHER cloudy TEMPERATURE (F) _____

DRUM TYPE: ☐ FIBER ☒ STEEL ☐ POLY ☐ STAINLESS STEEL ☐ NICKEL
☐ POLY - LINED ☒ RING TOP ☐ CLOSED TOP ☐ OVERPACKED ☐ OTHER _____

DRUM CONDITION: ☐ MEETS DOT SPEC ☐ GOOD ☐ FAIR ☒ POOR
 DRUM SIZE: ☐ 85 ☒ 55 ☐ 42 ☐ 30 ☐ 16 ☐ 10 ☐ 5 ☐ OTHER _____
 DRUM CONTENTS: ☐ FULL ☐ 3/4 ☐ 1/2 ☒ 1/4 ☒ < 1/4 ☐ EMPTY Amber sludge

DRUM LABELS / MARKINGS

CHEMICAL NAME unknown (any material)
 MFG. NAME 2000 Rigid Resin (part B)
 ADDITIONAL INFORMATION Chemist R. L. H. Hanes, Inc.

FIELD READINGS

RADIATION BACKGROUND 1-1.2 mrem/hr
 RADIATION READING 2 bkgd mrem/hr
 PID → 20 ppm % LEL/O2:
 FID → 4.26%
 OTHER _____

IF RAD ABOVE 5 REM STOP

	PHYS. STATE				COLOR	CLARITY			LAYER THICKNESS
	L	S	G	S		C	C	O	
LAYER	L	S	G	S		C	C	O	
TOP									
MIDDLE									
BOTTOM									

FIELD HAZCAT TESTING

HAZCAT ANALYSIS BY: NBC
 HAZCAT TEST DATE: 11/2/10

WITNESS: RS

RADIATION ☐ POSITIVE ☒ NEGATIVE

(If Radiation Detected Do Not Test Further)

REACTIVITY AIR ☒ NEG. ☐ POS. (IF AIR REACTIVE STOP TEST)

PEROXIDE (Blue test pos) ☒ NEG. ☐ POS. (IF PEROXIDE STOP TEST)

OXIDIZER (Black test pos) ☒ NEG. ☐ POS.
☐ TOP
☐ MID
☐ BOT

pH (0-14) ☒ TOP ☒ MID ☒ BOT #=6

REACTIVITY H2O (IF H2O REACTIVE STOP TEST) ☒ NEG. ☐ POS.
☐ TOP
☐ MID
☐ BOT

FLAMMABLE ☒ NEG. ☐ POS.
☐ TOP
☐ MID
☐ BOT
 COPPER WIRE ☒ NEG. ☐ POS.
 (Green flame pos.) ☐ TOP
☐ MID
☐ BOT

(S=SOLUBLE / P=PARTIALLY SOULUBLE / I=INSOLUBLE)

Choose the Classification Group(s)
☒ Base-Neutral ☐ Base ☐ Peroxide
☐ Organic ☐ Acid ☐ Oxidizer
☐ Halogen ☐ Flammable ☐ Reactive

WATER SOLUBILITY ORGANIC SOLUBILITY (Hexane)
 TOP ☐ S ☒ P ☐ I TOP ☐ S ☐ P ☒ I
 MID ☐ S ☒ P ☐ I MID ☐ S ☐ P ☒ I
 BOT ☐ S ☒ P ☐ I BOT ☐ S ☐ P ☒ I

COMMENTS Neutral

OTIE HAZCAT - DRUM INVENTORY FORM

PRIOR TO ANY DRUM ACTIVITIES, GROUND DRUM (USE ONLY NON-SPARKING TOOLS)

SITE NAME Dawson Forest Marblehead Drum ER TDD# 05-001-0119 Drum # 17
 LOCATION (City, County, State) Dawsonville, Dawson County, Georgia
 OSC Name Alyssa Hughes SAMPLER Ryan Stubbs/Nairimer Berrios-Cartagena
 DATE SAMPLED 11/2/10 TIME SAMPLED 1130 WEATHER cloudy TEMPERATURE (F)

DRUM TYPE: ☐ FIBER ☒ STEEL ☐ POLY ☐ STAINLESS STEEL ☐ NICKEL
☐ POLY - LINED ☒ RING TOP ☐ CLOSED TOP ☐ OVERPACKED ☐ OTHER

DRUM CONDITION: ☐ MEETS DOT SPEC ☐ GOOD ☐ FAIR ☒ POOR
 DRUM SIZE: ☐ 85 ☒ 55 ☐ 42 ☐ 30 ☐ 16 ☐ 10 ☐ 5 ☐ OTHER
 DRUM CONTENTS: 75% 25% ☒ FULL ☐ 3/4 ☐ 1/2 ☒ 1/4 ☐ < 1/4 ☐ EMPTY lig / solid

DRUM LABELS / MARKINGS
 CHEMICAL NAME unknown (solid & liquid)
 MFG. NAME
 ADDITIONAL INFORMATION

FIELD READINGS		RADIATION BACKGROUND		RADIATION READING		PHYS. STATE		COLOR		CLARITY		LAYER THICKNESS	
		mrem/hr		mrem/hr								INCHES	
PID	<u>208 ppm</u>					L	L	S	S	C	C	O	
FID	<u>68 ppm</u>					Q	I	D	G	E	L	A	
OTHER													
IF RAD ABOVE 5 REM STOP						TOP							
						MIDDLE							
						BOTTOM							

FIELD HAZCAT TESTING
 HAZCAT ANALYSIS BY: NBC WITNESS: RS
 HAZCAT TEST DATE: 11/2/10

RADIATION		POSITIVE		NEGATIVE		(If Radiation Detected Do Not Test Further)											
						PHYS. STATE		COLOR		CLARITY		LAYER THICKNESS					
REACTIVITY AIR	<input checked="" type="checkbox"/> NEG. <input type="checkbox"/> POS.	(IF AIR REACTIVE STOP TEST)		L	L	S	S	C	C	O							
PEROXIDE (Blue test pos)	<input checked="" type="checkbox"/> NEG. <input type="checkbox"/> POS.	(IF PEROXIDE STOP TEST)		Q	I	D	G	E	L	A							
OXIDIZER (Black test pos)	<input checked="" type="checkbox"/> NEG. <input type="checkbox"/> POS.																
pH (0-14)	<input checked="" type="checkbox"/> TOP <input type="checkbox"/> MID <input type="checkbox"/> BOT			TOP													
REACTIVITY H2O (IF H2O REACTIVE STOP TEST)	<input checked="" type="checkbox"/> NEG. <input type="checkbox"/> POS.			MIDDLE													
FLAMMABLE	<input checked="" type="checkbox"/> NEG. <input type="checkbox"/> POS.			BOTTOM													
COPPER WIRE (Green flame pos.)	<input checked="" type="checkbox"/> NEG. <input type="checkbox"/> POS.																
WATER SOLUBILITY	<input checked="" type="checkbox"/> S <input type="checkbox"/> P <input type="checkbox"/> I																
ORGANIC SOLUBILITY (Hexane)	<input checked="" type="checkbox"/> S <input type="checkbox"/> P <input type="checkbox"/> I																
TOP	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>																
MID	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>																
BOT	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>																

(S=SOLUBLE / P=PARTIALLY SOULUBLE / I=INSOLUBLE)

Choose the Classification Group(s)
☒ Base-Neutral ☐ Base ☐ Peroxide
☐ Organic ☐ Acid ☐ Oxidizer
☐ Halogen ☐ Flammable ☐ Reactive

COMMENTS Retested for peroxide at office and was negative. Neutral

OTIE HAZCAT - DRUM INVENTORY FORM

PRIOR TO ANY DRUM ACTIVITIES, GROUND DRUM (USE ONLY NON-SPARKING TOOLS)

SITE NAME Dawson Forest Marblehead Drum ER TDD# 05-001-6119 Drum # 18
 LOCATION (City, County, State) Dawsonville, Dawson County, Georgia
 OSC Name Alyssa Hughes SAMPLER Ryan Stubbs/Nairimer Berrios-Cartagena
 DATE SAMPLED 11/2/10 TIME SAMPLED 11:39 WEATHER cloudy TEMPERATURE (F)

DRUM TYPE: ☐ FIBER ☒ STEEL ☐ POLY ☐ STAINLESS STEEL ☐ NICKEL
☐ POLY - LINED ☐ RING TOP ☒ CLOSED TOP ☐ OVERPACKED ☐ OTHER

DRUM CONDITION: ☐ MEETS DOT SPEC ☐ GOOD ☐ FAIR ☒ POOR
 DRUM SIZE: ☐ 85 ☒ 55 ☐ 42 ☐ 30 ☐ 16 ☐ 10 ☐ 5 ☐ OTHER
 DRUM CONTENTS: ☐ FULL ☐ 3/4 ☐ 1/2 ☐ 1/4 ☒ < 1/4 ☐ EMPTY

DRUM LABELS / MARKINGS
 CHEMICAL NAME unknown (amber & blue)
 MFG. NAME
 ADDITIONAL INFORMATION

FIELD READINGS		RADIATION BACKGROUND		RADIATION READING		PHYS. STATE		COLOR		CLARITY		LAYER THICKNESS	
		1-1.2 mrem/hr		2.6 mrem/hr								INCHES	
PID → 200 ppm						LAYER		SLUDGE		CLEAR			
FID → 6100 ppm						LIQUID		GEL		CLOUDY			
OTHER <u></u>						TOP		X		X			
						MIDDLE							
						BOTTOM							

IF RAD ABOVE 5 REM STOP

HAZCAT ANALYSIS BY: NBC FIELD HAZCAT TESTING WITNESS: RS
 HAZCAT TEST DATE: 11/2/10

RADIATION		POSITIVE		NEGATIVE		(If Radiation Detected Do Not Test Further)									
						PHYS. STATE		COLOR		CLARITY		LAYER THICKNESS			
REACTIVITY AIR	NEG. <input checked="" type="checkbox"/>	POS. <input type="checkbox"/>	(IF AIR REACTIVE STOP TEST)			LAYER		SLUDGE		CLEAR					
PEROXIDE (Blue test pos)	NEG. <input type="checkbox"/>	POS. <input type="checkbox"/>	(IF PEROXIDE STOP TEST)			LIQUID		GEL		CLOUDY					
OXIDIZER (Black test pos)	NEG. <input checked="" type="checkbox"/>	POS. <input type="checkbox"/>				TOP									
						MID									
						BOT									
pH (0-14)			TOP												
			MID												
			BOT												
REACTIVITY H2O (IF H2O REACTIVE STOP TEST)	NEG. <input checked="" type="checkbox"/>	POS. <input type="checkbox"/>				TOP									
						MID									
						BOT									
FLAMMABLE	NEG. <input checked="" type="checkbox"/>	POS. <input type="checkbox"/>				TOP									
						MID									
						BOT									
COPPER WIRE (Green flame pos.)	NEG. <input checked="" type="checkbox"/>	POS. <input type="checkbox"/>				TOP									
						MID									
						BOT									
(S=SOLUBLE / P=PARTIALLY SOULUBLE / I=INSOLUBLE)															
WATER SOLUBILITY				ORGANIC SOLUBILITY (Hexane)				Choose the Classification Group(s)							
TOP	S <input type="checkbox"/>	P <input type="checkbox"/>	I <input checked="" type="checkbox"/>	TOP	S <input type="checkbox"/>	P <input type="checkbox"/>	I <input checked="" type="checkbox"/>	<input type="checkbox"/> Base-Neutral		<input checked="" type="checkbox"/> Base		<input type="checkbox"/> Peroxide			
MID	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	MID	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/> Organic		<input type="checkbox"/> Acid		<input type="checkbox"/> Oxidizer			
BOT	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	BOT	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/> Halogen		<input type="checkbox"/> Flammable		<input type="checkbox"/> Reactive			
COMMENTS <u>Base</u>															

OTIE HAZCAT - DRUM INVENTORY FORM

PRIOR TO ANY DRUM ACTIVITIES, GROUND DRUM (USE ONLY NON-SPARKING TOOLS)

SITE NAME Dawson Forest ~~Marblehead~~ Drum ER _____ TDD# 05-001-0119 Drum # 19
 LOCATION (City, County, State) _____ Dawsonville, Dawson County, Georgia
 OSC Name _____ Alyssa Hughes SAMPLER _____ Ryan Stubbs/Nairimer Berrios-Cartagena
 DATE SAMPLED 11/2/10 TIME SAMPLED 1:53 WEATHER _____ TEMPERATURE (F) _____

DRUM TYPE: ☐ FIBER ☐ STEEL ☒ POLY ☐ STAINLESS STEEL ☐ NICKEL
☐ POLY - LINED ☐ RING TOP ☒ CLOSED TOP ☐ OVERPACKED ☐ OTHER _____

DRUM CONDITION: ☐ MEETS DOT SPEC ☐ GOOD ☐ FAIR ☒ POOR
 DRUM SIZE: ☐ 85 ☒ 55 ☐ 42 ☐ 30 ☐ 16 ☐ 10 ☐ 5 ☐ OTHER _____
 DRUM CONTENTS: ☐ FULL ☐ 3/4 ☐ 1/2 ☐ 1/4 ☒ < 1/4 ☐ EMPTY

DRUM LABELS / MARKINGS
 CHEMICAL NAME _____ unknown (clear crystals)
 MFG. NAME _____
 ADDITIONAL INFORMATION _____

FIELD READINGS		RADIATION BACKGROUND		RADIATION READING		PHYS. STATE		COLOR		CLARITY		LAYER THICKNESS	
		mrem/hr		mrem/hr		L	L	S	S	C	C	O	INCHES
						AYER	QUID	SOLID	LU DGE	LEAR	LOUDY	PAQUE	
PID <u>217 ppm</u>		<u>1-1.2</u>		<u>26 kgd</u>									
FID <u>99 ppm</u>		% LEL/O2:											
OTHER _____						TOP							
						MIDDLE							
						BOTTOM							

IF RAD ABOVE 5 REM STOP

HAZCAT ANALYSIS BY: NBC FIELD HAZCAT TESTING WITNESS: PS
 HAZCAT TEST DATE: 11/2/10

RADIATION		POSITIVE		NEGATIVE		(If Radiation Detected Do Not Test Further)									
		NEG.	POS.	(IF AIR REACTIVE STOP TEST)		PHYS. STATE		COLOR		CLARITY		LAYER THICKNESS			
						L	L	S	S	C	C	O	INCHES		
						AYER	QUID	SOLID	LU DGE	LEAR	LOUDY	PAQUE			
REACTIVITY AIR		<input checked="" type="checkbox"/>	<input type="checkbox"/>												
PEROXIDE (Blue test pos)		<input checked="" type="checkbox"/>	<input type="checkbox"/>	(IF PEROXIDE STOP TEST)											
OXIDIZER (Black test pos)		<input checked="" type="checkbox"/>	<input type="checkbox"/>												
pH (0-14)						TOP									
						MIDDLE									
						BOTTOM									
REACTIVITY H2O (IF H2O REACTIVE STOP TEST)		<input checked="" type="checkbox"/>	<input type="checkbox"/>												
FLAMMABLE		<input checked="" type="checkbox"/>	<input type="checkbox"/>												
COPPER WIRE (Green flame pos.)		<input checked="" type="checkbox"/>	<input type="checkbox"/>												

(S=SOLUBLE / P=PARTIALLY SOULUBLE / I=INSOLUBLE)

WATER SOLUBILITY			ORGANIC SOLUBILITY (Hexane)		
	S	P		S	P
TOP	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
MID	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
BOT	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Choose the Classification Group(s)
☐ Base-Neutral ☒ Base ☐ Peroxide
☐ Organic ☐ Acid ☐ Oxidizer
☐ Halogen ☐ Flammable ☐ Reactive

COMMENTS Base

OTIE HAZCAT - DRUM INVENTORY FORM

PRIOR TO ANY DRUM ACTIVITIES, GROUND DRUM (USE ONLY NON-SPARKING TOOLS)

SITE NAME Dawson Forest Marblehead Drum ER TDD# 05-001-0119 Drum # 20
LOCATION (City, County, State) Dawsonville, Dawson County, Georgia
OSC Name Alyssa Hughes SAMPLER Ryan Stubbs/Nairimer Berrios-Cartagena
DATE SAMPLED 11/2/10 TIME SAMPLED 11:42 WEATHER Cloudy TEMPERATURE (F) _____

DRUM TYPE: ☐ FIBER ☒ STEEL ☐ POLY ☐ STAINLESS STEEL ☐ NICKEL
☐ POLY - LINED ☒ RING TOP ☐ CLOSED TOP ☐ OVERPACKED ☐ OTHER

DRUM CONDITION: ☐ MEETS DOT SPEC ☐ GOOD ☐ FAIR ☒ POOR

DRUM SIZE: ☐ 85 ☒ 55 ☐ 42 ☐ 30 ☐ 16 ☐ 10 ☐ 5 ☐ OTHER _____

DRUM CONTENTS: ☐ FULL ☐ 3/4 ☐ 1/2 ☐ 1/4 ☒ < 1/4 ☐ EMPTY *white sludge*

DRUM LABELS / MARKINGS

CHEMICAL NAME unknown (white sludge)

MFG. NAME _____

ADDITIONAL INFORMATION _____

FIELD READINGS		PHYS. STATE						COLOR	CLARITY			LAYER THICKNESS
RADIATION BACKGROUND RADIATION READING PID → 509 ppm FID → 2400 ppm OTHER _____ IF RAD ABOVE 5 REM STOP	<u>1-1.2</u> mrem/hr <u>26 hgd</u> mrem/hr											
	% LEL/O2:	L	S	G	S			C	C	O		
		A	I	E	L			L	L	P		
		Y	D	L	D			E	O	A		
		R						A	U	Q		
		S						R	D	U		
		T				X	white					
		MIDDLE										
		BOTTOM				X				X		

FIELD HAZCAT TESTING

HAZCAT ANALYSIS BY: NBC WITNESS: RS

HAZCAT TEST DATE: 11/2/10

RADIATION

☒ POSITIVE ☒ NEGATIVE

(If Radiation Detected Do Not Test Further)

REACTIVITY AIR

NEG. ☒ POS. ☐ (IF AIR REACTIVE STOP TEST)

PEROXIDE
(Blue test pos)

NEG. ☒ POS. ☐ (IF PEROXIDE STOP TEST)

OXIDIZER
(Black test pos)

NEG. ☒ POS. ☐

TOP ☐
MID ☐
BOT ☐

pH (0-14)

TOP ☒
MID ☒
BOT ☒ pH = 6

REACTIVITY H₂O
(IF H₂O REACTIVE STOP TEST)

NEG. ☒ POS. ☐

TOP ☐
MID ☐
BOT ☐

	PHYS. STATE				COLOR	CLARITY			LAYER THICKNESS
L A Y E R S	L I Q U I D	S O L I D	G E L	S L U D G E		C L E A R	C L O U D Y	O P A Q U E	I N C H E S
TOP									
MIDDLE									
BOTTOM									

FLAMMABLE

NEG. ☐ POS. ☒

TOP ☐
MID ☒
BOT ☐

COPPER WIRE

NEG. ☒ POS. ☐

TOP ☐
MID ☐
BOT ☐

(Green flame pos.)

Choose the Classification Group(s)

☒ Base-Neutral ☐ Base ☐ Peroxide

☐ Organic ☐ Acid ☐ Oxidizer

☐ Halogen ☒ Flammable ☐ Reactive

COMMENTS Neutral / Flammable

(S=SOLUBLE / P=PARTIALLY SOULUBLE / I=INSOLUBLE)

WATER SOLUBILITY

TOP S ☐ P ☒ I ☐
MID ☐ ☐ ☐
BOT ☐ ☒ ☐

ORGANIC SOLUBILITY (Hexane)

TOP S ☒ P ☐ I ☐
MID ☒ ☐ ☐
BOT ☒ ☐ ☐

OTIE HAZCAT - DRUM INVENTORY FORM

PRIOR TO ANY DRUM ACTIVITIES, GROUND DRUM (USE ONLY NON-SPARKING TOOLS)

SITE NAME Dawson Forest ~~Marblehead~~ Drum ER _____ TDD# 05-001-0119 Drum # 21
 LOCATION (City, County, State) _____ Dawsonville, Dawson County, Georgia
 OSC Name _____ Alyssa Hughes _____ SAMPLER _____ Ryan Stubbs/Nairimer Berrios-Cartagena
 DATE SAMPLED 11/2/10 TIME SAMPLED 11:45 WEATHER _____ TEMPERATURE (F) _____

DRUM TYPE: ☐ FIBER ☒ STEEL ☐ POLY ☐ STAINLESS STEEL ☐ NICKEL
☐ POLY - LINED ☒ RING TOP ☐ CLOSED TOP ☐ OVERPACKED ☐ OTHER _____

DRUM CONDITION: ☐ MEETS DOT SPEC ☐ GOOD ☐ FAIR ☒ POOR
 DRUM SIZE: ☐ 85 ☐ 55 ☐ 42 ☐ 30 ☐ 16 ☐ 10 ☐ 5 ☐ OTHER _____
 DRUM CONTENTS: ☐ FULL ☐ 3/4 ☐ 1/2 ☒ 1/4 ☐ < 1/4 ☐ EMPTY

CHEMICAL NAME Unknown DRUM LABELS / MARKINGS (Solid 25% + 75% liquid)
 MFG. NAME _____
 ADDITIONAL INFORMATION _____

FIELD READINGS		RADIATION BACKGROUND		RADIATION READING		PHYS. STATE		COLOR		CLARITY		LAYER THICKNESS	
		mrem/hr		mrem/hr								INCHES	
PID	<u>360 ppm</u>		<u>1-1.2</u>		<u>26 kgd</u>								
FID	<u>2400 ppm</u>	% LEL/O2:											
OTHER _____													
IF RAD ABOVE 5 REM STOP													

HAZCAT ANALYSIS BY: R. Stubbs FIELD HAZCAT TESTING WITNESS: NBC
 HAZCAT TEST DATE: 11/2/10

RADIATION		POSITIVE		NEGATIVE		(If Radiation Detected Do Not Test Further)									
						PHYS. STATE		COLOR		CLARITY		LAYER THICKNESS			
												INCHES			
REACTIVITY AIR	<input checked="" type="checkbox"/> NEG. <input type="checkbox"/> POS.	(IF AIR REACTIVE STOP TEST)													
PEROXIDE (Blue test pos)	<input checked="" type="checkbox"/> NEG. <input type="checkbox"/> POS.	(IF PEROXIDE STOP TEST)													
OXIDIZER (Black test pos)	<input checked="" type="checkbox"/> NEG. <input type="checkbox"/> POS.														
pH (0-14)	<input checked="" type="checkbox"/> TOP <input type="checkbox"/> MID <input type="checkbox"/> BOT														
REACTIVITY H2O (IF H2O REACTIVE STOP TEST)	<input checked="" type="checkbox"/> NEG. <input type="checkbox"/> POS.														
FLAMMABLE	<input checked="" type="checkbox"/> NEG. <input type="checkbox"/> POS.														
COPPER WIRE (Green flame pos.)	<input checked="" type="checkbox"/> NEG. <input type="checkbox"/> POS.														

(S=SOLUBLE / P=PARTIALLY SOULUBLE / I=INSOLUBLE)

WATER SOLUBILITY			ORGANIC SOLUBILITY (Hexane)		
	S	P		S	P
TOP	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
MID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BOT	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Choose the Classification Group(s)
☐ Base-Neutral ☐ Base ☐ Peroxide
☒ Organic ☐ Acid ☐ Oxidizer
☐ Halogen ☒ Flammable ☒ Reactive

COMMENTS Organic Flammable + slight water reactivity

OTIE HAZCAT - DRUM INVENTORY FORM

PRIOR TO ANY DRUM ACTIVITIES, GROUND DRUM (USE ONLY NON-SPARKING TOOLS)

SITE NAME Dawson Forest Marblehead Drum ER TDD# 05-001-0119 Drum # 22
 LOCATION (City, County, State) Dawsonville, Dawson County, Georgia
 OSC Name Alyssa Hughes SAMPLER Ryan Stubbs/Nairimer Berrios-Cartagena
 DATE SAMPLED 11/2/10 TIME SAMPLED 11:48 WEATHER cloudy TEMPERATURE (F) _____

DRUM TYPE: ☐ FIBER ☒ STEEL ☐ POLY ☐ STAINLESS STEEL ☐ NICKEL
☐ POLY - LINED ☒ RING TOP ☐ CLOSED TOP ☐ OVERPACKED ☐ OTHER _____

DRUM CONDITION: ☐ MEETS DOT SPEC ☐ GOOD ☐ FAIR ☒ POOR
 DRUM SIZE: ☐ 85 ☒ 55 ☐ 42 ☐ 30 ☐ 16 ☐ 10 ☐ 5 ☐ OTHER _____
 DRUM CONTENTS: ☐ FULL ☐ 3/4 ☐ 1/2 ☒ 1/4 ☐ < 1/4 ☐ EMPTY

CHEMICAL NAME Unknown (white sludge) DRUM LABELS / MARKINGS _____
 MFG. NAME _____
 ADDITIONAL INFORMATION _____

FIELD READINGS		PHYS. STATE		COLOR	CLARITY	LAYER THICKNESS
RADIATION BACKGROUND	<u>1.1.2</u> mrem/hr	L	S			INCHES
RADIATION READING	<u>26kcd</u> mrem/hr	Q	S			
PID <u>153</u> ppm	% LEL/O2: _____	I	L			
FID <u>108</u> ppm		D	D			
OTHER _____		G	G			
		E	E			
IF RAD ABOVE 5 REM STOP		TOP				
		MIDDLE				
		BOTTOM		<u>white</u>		

HAZCAT ANALYSIS BY: R. Stubbs FIELD HAZCAT TESTING WITNESS: NBC
 HAZCAT TEST DATE: 11/2/10

RADIATION		POSITIVE		NEGATIVE		(If Radiation Detected Do Not Test Further)						
REACTIVITY AIR	<input checked="" type="checkbox"/> NEG.	<input type="checkbox"/> POS.	(IF AIR REACTIVE STOP TEST)					INCHES				
PEROXIDE (Blue test pos)	<input checked="" type="checkbox"/> NEG.	<input type="checkbox"/> POS.	(IF PEROXIDE STOP TEST)						L	S		
OXIDIZER (Black test pos)	<input checked="" type="checkbox"/> NEG.	<input type="checkbox"/> POS.							Q	S		
	<input checked="" type="checkbox"/> NEG.	<input type="checkbox"/> POS.							I	L		
pH (0-14)			TOP			TOP						
			MID			MIDDLE						
			BOT			BOTTOM						
REACTIVITY H2O (IF H2O REACTIVE STOP TEST)	<input checked="" type="checkbox"/> NEG.	<input type="checkbox"/> POS.	TOP			FLAMMABLE	<input checked="" type="checkbox"/> NEG.	<input type="checkbox"/> POS.	TOP			
	<input checked="" type="checkbox"/> NEG.	<input type="checkbox"/> POS.	MID				<input checked="" type="checkbox"/> NEG.	<input type="checkbox"/> POS.	MID			
	<input checked="" type="checkbox"/> NEG.	<input type="checkbox"/> POS.	BOT				<input checked="" type="checkbox"/> NEG.	<input type="checkbox"/> POS.	BOT			
						COPPER WIRE (Green flame pos.)						
(S=SOLUBLE / P=PARTIALLY SOULUBLE / I=INSOLUBLE)						Choose the Classification Group(s)						
WATER SOLUBILITY						<input checked="" type="checkbox"/> Base-Neutral <input type="checkbox"/> Base <input type="checkbox"/> Peroxide						
ORGANIC SOLUBILITY (Hexane)						<input type="checkbox"/> Organic <input type="checkbox"/> Acid <input type="checkbox"/> Oxidizer						
						<input type="checkbox"/> Halogen <input type="checkbox"/> Flammable <input type="checkbox"/> Reactive						
TOP	<input checked="" type="checkbox"/> S	<input type="checkbox"/> P	<input type="checkbox"/> I	TOP	<input type="checkbox"/> S	<input type="checkbox"/> P	COMMENTS <u>Neutral</u>					
MID	<input type="checkbox"/> S	<input type="checkbox"/> P	<input type="checkbox"/> I	MID	<input type="checkbox"/> S	<input type="checkbox"/> P						
BOT	<input checked="" type="checkbox"/> S	<input type="checkbox"/> P	<input type="checkbox"/> I	BOT	<input type="checkbox"/> S	<input type="checkbox"/> P						

OTIE HAZCAT - DRUM INVENTORY FORM

PRIOR TO ANY DRUM ACTIVITIES, GROUND DRUM (USE ONLY NON-SPARKING TOOLS)

SITE NAME Dawson Forest ~~Marblehead~~ Drum ER _____ TDD# 05-001-0119 Drum # 23
 LOCATION (City, County, State) _____ Dawsonville, Dawson County, Georgia
 OSC Name _____ Alyssa Hughes SAMPLER _____ Ryan Stubbs/Nairimer Berrios-Cartagena
 DATE SAMPLED 11/2/10 TIME SAMPLED 11:51 WEATHER cloudy TEMPERATURE (F) _____

DRUM TYPE: ☐ FIBER ☒ STEEL ☐ POLY ☐ STAINLESS STEEL ☐ NICKEL
☐ POLY - LINED ☒ RING TOP ☐ CLOSED TOP ☐ OVERPACKED ☐ OTHER _____

DRUM CONDITION: ☐ MEETS DOT SPEC ☐ GOOD ☐ FAIR ☒ POOR
 DRUM SIZE: ☐ 85 ☒ 55 ☐ 42 ☐ 30 ☐ 16 ☐ 10 ☐ 5 ☐ OTHER sludge
 DRUM CONTENTS: ☐ FULL ☐ 3/4 ☐ 1/2 ☒ 1/4 ☐ < 1/4 ☐ EMPTY solid white

DRUM LABELS / MARKINGS
 CHEMICAL NAME unknown (solid sludge/white)
 MFG. NAME _____
 ADDITIONAL INFORMATION _____

FIELD READINGS		RADIATION BACKGROUND		RADIATION READING		PHYS. STATE		COLOR		CLARITY		LAYER THICKNESS	
PID	FID	OTHER	% LEL/O2:	mrem/hr	mrem/hr	L	L	S	S	C	C	O	INCHES
						AYER	QUID	SOLID	SLUDGE	LEAR	CLOUDY	PAQUE	
<u>505 ppm</u>	<u>1000 ppm</u>	<u>1600</u>		<u>1-1.2</u>	<u>2.6 mrad</u>	TOP							
						MIDDLE							
						BOTTOM							

IF RAD ABOVE 5 REM STOP

HAZCAT ANALYSIS BY: R. Stubbs FIELD HAZCAT TESTING WITNESS: NBC
 HAZCAT TEST DATE: 11/2/10

RADIATION		POSITIVE		NEGATIVE		(If Radiation Detected Do Not Test Further)											
REACTIVITY AIR	NEG.	POS.	(IF AIR REACTIVE STOP TEST)	REACTIVITY AIR	NEG.	POS.	(IF AIR REACTIVE STOP TEST)	L	L	S	S	C	C	O	INCHES		
								AYER	QUID	SOLID	SLUDGE	LEAR	CLOUDY	PAQUE			
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		TOP									
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OTIE HAZCAT - DRUM INVENTORY FORM

PRIOR TO ANY DRUM ACTIVITIES, GROUND DRUM (USE ONLY NON-SPARKING TOOLS)

SITE NAME Dawson Forest ~~Marblehead~~ Drum ER _____ TDD# 05-001-0119 Drum # 24
 LOCATION (City, County, State) _____ Dawsonville, Dawson County, Georgia
 OSC Name _____ Alyssa Hughes SA SAMPLER _____ Ryan Stubbs/Nairimer Berrios-Cartagena
 DATE SAMPLED 11/01/10 TIME SAMPLED 10:55 WEATHER cloudy TEMPERATURE (F) _____

DRUM TYPE: ☐ FIBER ☒ STEEL ☒ POLY ☐ STAINLESS STEEL ☐ NICKEL
☐ POLY - LINED ☐ RING TOP ☒ CLOSED TOP ☐ OVERPACKED ☐ OTHER _____

DRUM CONDITION: ☐ MEETS DOT SPEC ☐ GOOD ☐ FAIR ☒ POOR
 DRUM SIZE: ☐ 85 ☒ 55 ☐ 42 ☐ 30 ☐ 16 ☐ 10 ☐ 5 ☐ OTHER _____
 DRUM CONTENTS: ☐ FULL ☐ 3/4 ☐ 1/2 ☒ 1/4 ☐ < 1/4 ☐ EMPTY solid (amber)

DRUM LABELS / MARKINGS
 CHEMICAL NAME unknown (amber solid) *no sample
 MFG. NAME _____
 ADDITIONAL INFORMATION _____

FIELD READINGS		PHYS. STATE		COLOR	CLARITY	LAYER THICKNESS
RADIATION BACKGROUND	<u>1-1.2</u> mrem/hr	L	S		C	INCHES
RADIATION READING	_____ mrem/hr	I	G		C	
PID <u>150 ppm</u>	% LEL/O2: _____	S	L		O	
FID _____	_____	L	D		P	
OTHER _____	_____	TOP	MIDDLE	BOTTOM		

IF RAD ABOVE 5 REM STOP

FIELD HAZCAT TESTING
 HAZCAT ANALYSIS BY: _____ WITNESS: _____
 HAZCAT TEST DATE: _____

RADIATION		POSITIVE		NEGATIVE		(If Radiation Detected Do Not Test Further)					
REACTIVITY AIR	NEG. <input type="checkbox"/>	POS. <input type="checkbox"/>	(IF AIR REACTIVE STOP TEST)				PHYS. STATE		COLOR	CLARITY	LAYER THICKNESS
PEROXIDE (Blue test pos)	NEG. <input type="checkbox"/>	POS. <input type="checkbox"/>	(IF PEROXIDE STOP TEST)				L	S		C	INCHES
OXIDIZER (Black test pos)	NEG. <input type="checkbox"/>	POS. <input type="checkbox"/>					I	G		C	
pH (0-14)							S	L		O	
REACTIVITY H2O (IF H2O REACTIVE STOP TEST)	NEG. <input type="checkbox"/>	POS. <input type="checkbox"/>				TOP	MIDDLE	BOTTOM			
						FLAMMABLE	NEG. <input type="checkbox"/>	POS. <input type="checkbox"/>	COPPER WIRE	NEG. <input type="checkbox"/>	POS. <input type="checkbox"/>
							TOP	MID	(Green flame pos.)	MID	BOT
							BOT				
(S=SOLUBLE / P=PARTIALLY SOULUBLE / I=INSOLUBLE)						Choose the Classification Group(s)					
WATER SOLUBILITY						Base-Neutral <input type="checkbox"/> Base <input type="checkbox"/> Peroxide <input type="checkbox"/>					
ORGANIC SOLUBILITY (Hexane)						Organic <input type="checkbox"/> Acid <input type="checkbox"/> Oxidizer <input type="checkbox"/>					
						Halogen <input type="checkbox"/> Flammable <input type="checkbox"/> Reactive <input type="checkbox"/>					
COMMENTS _____											

OTIE HAZCAT - DRUM INVENTORY FORM

PRIOR TO ANY DRUM ACTIVITIES, GROUND DRUM (USE ONLY NON-SPARKING TOOLS)

SITE NAME Dawson Forest Marblehead Drum ER TDD# 05-001-0119 Drum # 25
 LOCATION (City, County, State) Dawsonville, Dawson County, Georgia
 OSC Name Alyssa Hughes SAMPLER Ryan Stubbs/Nairimer Berrios-Cartagena
 DATE SAMPLED 11/2/10 TIME SAMPLED 1157 WEATHER cloudy TEMPERATURE (F)

DRUM TYPE: ☐ FIBER ☐ STEEL ☒ POLY ☐ STAINLESS STEEL ☐ NICKEL
☐ POLY - LINED ☐ RING TOP ☒ CLOSED TOP ☐ OVERPACKED ☐ OTHER

DRUM CONDITION: ☐ MEETS DOT SPEC ☐ GOOD ☐ FAIR ☒ POOR
 DRUM SIZE: ☐ 85 ☒ 55 ☐ 42 ☐ 30 ☐ 16 ☐ 10 ☐ 5 ☐ OTHER
 DRUM CONTENTS: ☐ FULL ☐ 3/4 ☒ 1/2 ☐ 1/4 ☐ < 1/4 ☐ EMPTY amber sludge

CHEMICAL NAME unknown (oily like amber liquid/sludge)
 MFG. NAME
 ADDITIONAL INFORMATION

FIELD READINGS
 RADIATION BACKGROUND 1.2 mrem/hr
 RADIATION READING 26kcpd mrem/hr
 PID 14 ppm % LEL/O2:
 FID 229 ppm
 OTHER
 IF RAD ABOVE 5 REM STOP

	PHYS. STATE				COLOR	CLARITY			LAYER THICKNESS
	L	L	S	S		C	C	O	
LAYER	LIQUID	SOLID	GEL	SLUDGE		CLEAR	CLOUDY	OPAQUE	INCHES
TOP									
MIDDLE					X amber			X	
BOTTOM									

HAZCAT ANALYSIS BY: R. Stubbs FIELD HAZCAT TESTING WITNESS: NBC
 HAZCAT TEST DATE: 11/2/10

RADIATION ☐ POSITIVE ☒ NEGATIVE (If Radiation Detected Do Not Test Further)
 REACTIVITY AIR ☒ NEG. ☐ POS. (IF AIR REACTIVE STOP TEST)
 PEROXIDE (Blue test pos) ☒ NEG. ☒ POS. (IF PEROXIDE STOP TEST)
 OXIDIZER (Black test pos) ☒ NEG. ☐ POS.
 pH (0-14) 5
 TOP ☐ MID ☐ BOT ☐
 REACTIVITY H2O (IF H2O REACTIVE STOP TEST) ☒ NEG. ☐ POS.
 TOP ☐ MID ☐ BOT ☐

	PHYS. STATE				COLOR	CLARITY			LAYER THICKNESS
	L	L	S	S		C	C	O	
LAYER	LIQUID	SOLID	GEL	SLUDGE		CLEAR	CLOUDY	OPAQUE	INCHES
TOP									
MIDDLE									
BOTTOM									

FLAMMABLE ☒ NEG. ☐ POS. TOP ☐ MID ☐ BOT
 COPPER WIRE ☒ NEG. ☐ POS. TOP ☐ MID ☐ BOT
 (Green flame pos.)

(S=SOLUBLE / P=PARTIALLY SOLUBLE / I=INSOLUBLE)

Choose the Classification Group(s)
☒ Base Neutral ☐ Base ☐ Peroxide
☐ Organic ☐ Acid ☐ Oxidizer
☐ Halogen ☐ Flammable ☐ Reactive

WATER SOLUBILITY ORGANIC SOLUBILITY (Hexane)
 TOP ☐ S ☐ P ☒ I TOP ☐ S ☐ P ☒ I
 MID ☐ S ☐ P ☒ I MID ☐ S ☐ P ☒ I
 BOT ☐ S ☐ P ☒ I BOT ☐ S ☐ P ☒ I

COMMENTS Neutral

OTIE HAZCAT - DRUM INVENTORY FORM

PRIOR TO ANY DRUM ACTIVITIES, GROUND DRUM (USE ONLY NON-SPARKING TOOLS)

SITE NAME Dawson Forest ~~Marblehead~~ Drum ER TDD# 05-001-0119 Drum # 26
 LOCATION (City, County, State) Dawsonville, Dawson County, Georgia
 OSC Name Alyssa Hughes SAMPLER Ryan Stubbs/Nairimer Berrios-Cartagena
 DATE SAMPLED 11/3/10 TIME SAMPLED 1201 WEATHER cloudy TEMPERATURE (F)

DRUM TYPE: ☐ FIBER ☐ STEEL ☒ POLY ☐ STAINLESS STEEL ☐ NICKEL
☐ POLY - LINED ☐ RING TOP ☒ CLOSED TOP ☐ OVERPACKED ☐ OTHER

DRUM CONDITION: ☐ MEETS DOT SPEC ☐ GOOD ☐ FAIR ☒ POOR
 DRUM SIZE: ☐ 85 ☒ 55 ☐ 42 ☐ 30 ☐ 16 ☐ 10 ☐ 5 ☐ OTHER
 DRUM CONTENTS: ☐ FULL ☐ 3/4 ☐ 1/2 ☒ 1/4 ☐ < 1/4 ☐ EMPTY (Amber Sludge)

DRUM LABELS / MARKINGS
 CHEMICAL NAME unknown (amber sludge)
 MFG. NAME
 ADDITIONAL INFORMATION

FIELD READINGS		PHYS. STATE		COLOR	CLARITY	LAYER THICKNESS
RADIATION BACKGROUND	<u>1.2</u> mrem/hr	L	S	<u>Amber</u>	<u>Cloudy</u>	<u></u>
RADIATION READING	<u>46kgd</u> mrem/hr	L	S			
PID <u>11 PPM</u>	% LEL/O2: <u></u>	L	S			
FID <u>7.73%</u>		L	S			
OTHER <u></u>		TOP	MIDDLE	BOTTOM		

IF RAD ABOVE 5 REM STOP

HAZCAT ANALYSIS BY: R. Stubbs FIELD HAZCAT TESTING WITNESS: NBC
 HAZCAT TEST DATE: 11/2/10

RADIATION		POSITIVE		NEGATIVE		(If Radiation Detected Do Not Test Further)																															
REACTIVITY AIR	<input checked="" type="checkbox"/> NEG.	<input type="checkbox"/> POS.	(IF AIR REACTIVE STOP TEST)			<table border="1"> <thead> <tr> <th colspan="2">PHYS. STATE</th> <th>COLOR</th> <th>CLARITY</th> <th>LAYER THICKNESS</th> </tr> </thead> <tbody> <tr> <td>L</td> <td>S</td> <td rowspan="4"><u>Amber</u></td> <td rowspan="4"><u>Cloudy</u></td> <td rowspan="4"><u></u></td> </tr> <tr> <td>L</td> <td>S</td> </tr> <tr> <td>L</td> <td>S</td> </tr> <tr> <td>L</td> <td>S</td> </tr> <tr> <td>TOP</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>MIDDLE</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>BOTTOM</td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	PHYS. STATE		COLOR	CLARITY	LAYER THICKNESS	L	S	<u>Amber</u>	<u>Cloudy</u>	<u></u>	L	S	L	S	L	S	TOP					MIDDLE					BOTTOM				
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FLAMMABLE	<input checked="" type="checkbox"/> NEG.	<input type="checkbox"/> POS.																																			
	<input checked="" type="checkbox"/> TOP	<input type="checkbox"/> MID																																			
	<input checked="" type="checkbox"/> BOT	<input type="checkbox"/> BOT																																			
COPPER WIRE	<input checked="" type="checkbox"/> NEG.	<input type="checkbox"/> POS.																																			
(Green flame pos.)	<input checked="" type="checkbox"/> TOP	<input type="checkbox"/> MID																																			
	<input checked="" type="checkbox"/> BOT	<input type="checkbox"/> BOT																																			

(S=SOLUBLE / P=PARTIALLY SOULUBLE / I=INSOLUBLE)

WATER SOLUBILITY			ORGANIC SOLUBILITY (Hexane)				
TOP	<input type="checkbox"/> S	<input checked="" type="checkbox"/> P	<input type="checkbox"/> I	TOP	<input type="checkbox"/> S	<input checked="" type="checkbox"/> P	<input type="checkbox"/> I
MID	<input type="checkbox"/> S	<input checked="" type="checkbox"/> P	<input type="checkbox"/> I	MID	<input type="checkbox"/> S	<input checked="" type="checkbox"/> P	<input type="checkbox"/> I
BOT	<input type="checkbox"/> S	<input checked="" type="checkbox"/> P	<input type="checkbox"/> I	BOT	<input type="checkbox"/> S	<input checked="" type="checkbox"/> P	<input type="checkbox"/> I

Choose the Classification Group(s)
☐ Base-Neutral ☒ Base ☐ Peroxide
☐ Organic ☐ Acid ☐ Oxidizer
☐ Halogen ☐ Flammable ☐ Reactive

COMMENTS Base

OTIE HAZCAT - DRUM INVENTORY FORM

PRIOR TO ANY DRUM ACTIVITIES, GROUND DRUM (USE ONLY NON-SPARKING TOOLS)

SITE NAME Dawson Forest Marblehead Drum ER TDD# 05-001-0119 Drum # 27
 LOCATION (City, County, State) Dawsonville, Dawson County, Georgia
 OSC Name Alyssa Hughes SAMPLER Ryan Stubbs/Nairimer Berrios-Cartagena
 DATE SAMPLED 11/2/10 TIME SAMPLED 1206 WEATHER cloudy TEMPERATURE (F) _____

DRUM TYPE: ☐ FIBER ☒ STEEL ☐ POLY ☐ STAINLESS STEEL ☐ NICKEL
☐ POLY - LINED ☒ RING TOP ☐ CLOSED TOP ☐ OVERPACKED ☐ OTHER _____

DRUM CONDITION: ☐ MEETS DOT SPEC ☐ GOOD ☐ FAIR ☒ POOR
 DRUM SIZE: ☐ 85 ☒ 55 ☐ 42 ☐ 30 ☐ 16 ☐ 10 ☐ 5 ☐ OTHER
 DRUM CONTENTS: ☐ FULL ☐ 3/4 ☒ 1/2 ☐ 1/4 ☐ < 1/4 ☐ EMPTY Solid grey sludge

DRUM LABELS / MARKINGS
 CHEMICAL NAME unknown (solid grey sludge)
 MFG. NAME _____
 ADDITIONAL INFORMATION _____

FIELD READINGS
 RADIATION BACKGROUND 1-1.2 mrem/hr
 RADIATION READING 2649d mrem/hr
 PID 616 ppm
 FID 1622 ppm
 OTHER _____
 IF RAD ABOVE 5 REM STOP

	PHYS. STATE				COLOR	CLARITY			LAYER THICKNESS
LAYER	L	S	G	S		C	C	O	
QUIDS	L	S	G	S		C	C	O	
IDS	L	S	G	S		C	C	O	
GE	L	S	G	S		C	C	O	
SLUDGE	L	S	G	S		C	C	O	
TOP									
MIDDLE					grey				
BOTTOM									

FIELD HAZCAT TESTING
 HAZCAT ANALYSIS BY: R. Stubbs WITNESS: NBC
 HAZCAT TEST DATE: 11/2/10

RADIATION ☐ POSITIVE ☒ NEGATIVE (If Radiation Detected Do Not Test Further)

REACTIVITY AIR ☒ NEG. ☐ POS. (IF AIR REACTIVE STOP TEST)

PEROXIDE (Blue test pos) ☒ NEG. ☐ POS. (IF PEROXIDE STOP TEST)

OXIDIZER (Black test pos) ☒ NEG. ☐ POS. 11/3/10

pH (0-14) 5

REACTIVITY H2O (IF H2O REACTIVE STOP TEST) ☒ NEG. ☐ POS.

FLAMMABLE ☐ NEG. ☒ POS. TOP ☐ MID ☒ BOT

COPPER WIRE ☒ NEG. ☐ POS. TOP ☐ MID ☒ BOT

(S=SOLUBLE / P=PARTIALLY SOULUBLE / I=INSOLUBLE)

WATER SOLUBILITY TOP ☐ S ☐ P ☒ MID ☐ BOT

ORGANIC SOLUBILITY (Hexane) TOP ☐ S ☐ P ☒ MID ☐ BOT

Choose the Classification Group(s)
☐ Base-Neutral ☐ Base ☒ Peroxide 11/3/10
☐ Organic ☐ Acid ☐ Oxidizer
☐ Halogen ☒ Flammable ☐ Reactive

COMMENTS Peroxide ~ 5 ppm & Flammable
Retested at office and negative for peroxide.

OTIE HAZCAT - DRUM INVENTORY FORM

PRIOR TO ANY DRUM ACTIVITIES, GROUND DRUM (USE ONLY NON-SPARKING TOOLS)

SITE NAME Dawson Forest - Marblehead Drum ER TDD# 05-001-0119 Drum # 28
 LOCATION (City, County, State) Dawsonville, Dawson County, Georgia
 OSC Name Alyssa Hughes SAMPLER Ryan Stubbs/Nairimer Berrios-Cartagena
 DATE SAMPLED 11/2/10 TIME SAMPLED 12:00 PM WEATHER cloudy TEMPERATURE (F)

DRUM TYPE: ☐ FIBER ☒ STEEL ☐ POLY ☐ STAINLESS STEEL ☐ NICKEL
☐ POLY - LINED ☐ RING TOP ☐ CLOSED TOP ☐ OVERPACKED ☒ OTHER no top

DRUM CONDITION: ☐ MEETS DOT SPEC ☐ GOOD ☐ FAIR ☒ POOR
 DRUM SIZE: ☐ 85 ☒ 55 ☐ 42 ☐ 30 ☐ 16 ☐ 10 ☐ 5 ☐ OTHER
 DRUM CONTENTS: ☐ FULL ☐ 3/4 ☐ 1/2 ☒ 1/4 ☐ < 1/4 ☐ EMPTY grey sludge

DRUM LABELS / MARKINGS
 CHEMICAL NAME unknown (grey sludge)
 MFG. NAME
 ADDITIONAL INFORMATION

FIELD READINGS		PHYS. STATE		COLOR	CLARITY	LAYER THICKNESS
RADIATION BACKGROUND	<u>1.2</u> mrem/hr	L	L			INCHES
RADIATION READING	<u>61 ppm</u> % LEL/O2:	LI	LI			
FID	<u>1800 ppm</u>	QU	LI			
OTHER		ID	GE			
		SL	SL			
		UD	UD			
		GE	GE			
		SL	SL			
		UD	UD			
		GE	GE			
		SL	SL			
		UD	UD			
		GE	GE			
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OTIE HAZCAT - DRUM INVENTORY FORM

PRIOR TO ANY DRUM ACTIVITIES, GROUND DRUM (USE ONLY NON-SPARKING TOOLS)

SITE NAME Dawson Forest ~~Marblehead~~ Drum ER TDD# 05-001-0117 Drum # 29
 LOCATION (City, County, State) Dawsonville, Dawson County, Georgia
 OSC Name Alyssa Hughes SAMPLER Ryan Stubbs/Nairimer Berrios-Cartagena
 DATE SAMPLED 11/2/10 TIME SAMPLED 12:14 WEATHER cloudy TEMPERATURE (F) _____

DRUM TYPE: ☐ FIBER ☒ STEEL ☐ POLY ☐ STAINLESS STEEL ☐ NICKEL
☐ POLY-LINED ☒ RING TOP ☐ CLOSED TOP ☐ OVERPACKED ☐ OTHER _____

DRUM CONDITION: ☐ MEETS DOT SPEC ☐ GOOD ☐ FAIR ☒ POOR
 DRUM SIZE: ☐ 85 ☒ 55 ☐ 42 ☐ 30 ☐ 16 ☐ 10 ☐ 5 ☐ OTHER
 DRUM CONTENTS: ☐ FULL ☐ 3/4 ☒ 1/2 ☐ 1/4 ☐ < 1/4 ☐ EMPTY white sludge

DRUM LABELS / MARKINGS
 CHEMICAL NAME unknown (white sludge)
 MFG. NAME _____
 ADDITIONAL INFORMATION _____

FIELD READINGS		PHYS. STATE					COLOR	CLARITY	LAYER THICKNESS
RADIATION BACKGROUND	RADIATION READING	L	L	S	G	S	C	C	O
		AYER	QUID	SOLID	GEL	SLUDGE	LEAR	CLOUDY	PAQUE
4600 PPM	1-1.2 mrem/hr								
733 PPM	2.6 mrem/hr								

IF RAD ABOVE 5 REM STOP

HAZCAT ANALYSIS BY: R. Stubbs FIELD HAZCAT TESTING WITNESS: NBC
 HAZCAT TEST DATE: 11/2/10

RADIATION		POSITIVE		NEGATIVE		(If Radiation Detected Do Not Test Further)							
REACTIVITY AIR	NEG.	POS.	(IF AIR REACTIVE STOP TEST)			L	L	S	G	S	C	C	O
						AYER	QUID	SOLID	GEL	SLUDGE	LEAR	CLOUDY	PAQUE
PEROXIDE (Blue test pos)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	(IF PEROXIDE STOP TEST)										
OXIDIZER (Black test pos)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	0.5-2.2 ppm RS										
pH (0-14)													
REACTIVITY H2O (IF H2O REACTIVE STOP TEST)	<input checked="" type="checkbox"/>	<input type="checkbox"/>											
FLAMMABLE	<input checked="" type="checkbox"/>	<input type="checkbox"/>											
COPPER WIRE (Green flame pos.)	<input checked="" type="checkbox"/>	<input type="checkbox"/>											
WATER SOLUBILITY				ORGANIC SOLUBILITY (Hexane)									
TOP	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	TOP	<input type="checkbox"/>	<input type="checkbox"/>							
MID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	MID	<input type="checkbox"/>	<input type="checkbox"/>							
BOT	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	BOT	<input type="checkbox"/>	<input type="checkbox"/>							

(S=SOLUBLE / P=PARTIALLY SOULUBLE / I=INSOLUBLE)

Choose the Classification Group(s)
☒ Base-Neutral ☐ Base ☒ Peroxide RS 11/2/10
☐ Organic ☐ Acid ☐ Oxidizer
☐ Halogen ☐ Flammable ☐ Reactive

COMMENTS peroxide 0.5-2.2 ppm RS Retested at office and negative for peroxide

OTIE HAZCAT - DRUM INVENTORY FORM

PRIOR TO ANY DRUM ACTIVITIES, GROUND DRUM (USE ONLY NON-SPARKING TOOLS)

SITE NAME Dawson Forest Marblehead-Drum ER TDD# 05-001-0119 Drum # 30
 LOCATION (City, County, State) Dawsonville, Dawson County, Georgia
 OSC Name Alyssa Hughes SAMPLER Ryan Stubbs/Nairimer Berrios-Cartagena
 DATE SAMPLED 11/2/10 TIME SAMPLED 12:20 WEATHER cloudy TEMPERATURE (F)

DRUM TYPE: ☐ FIBER ☐ STEEL ☒ POLY ☐ STAINLESS STEEL ☐ NICKEL
☐ POLY-LINED ☐ RING TOP ☒ CLOSED TOP ☐ OVERPACKED ☐ OTHER

DRUM CONDITION: ☐ MEETS DOT SPEC ☐ GOOD ☐ FAIR ☒ POOR
 DRUM SIZE: ☐ 85 ☒ 55 ☐ 42 ☐ 30 ☐ 16 ☐ 10 ☐ 5 ☐ OTHER
 DRUM CONTENTS: ☐ FULL ☐ 3/4 ☒ 1/2 ☐ 1/4 ☐ < 1/4 ☐ EMPTY clear liq.

DRUM LABELS / MARKINGS
 CHEMICAL NAME unknown (liquid)
 MFG. NAME
 ADDITIONAL INFORMATION

FIELD READINGS
 RADIATION BACKGROUND 1-1.2 mrem/hr
 RADIATION READING 2640 mrem/hr
 PID 341 PPM % LEL/O2:
 FID 2832 PPM
 OTHER
 IF RAD ABOVE 5 REM STOP

	PHYS. STATE				COLOR	CLARITY			LAYER THICKNESS
	L	L	S	S		C	C	O	
LAYER	LI	QU	SOL	SL		CL	CL	OP	
THICKNESS	ID	ID	ID	UD		EA	UD	PA	INCHES
TOP									
MIDDLE	X				clear	X			
BOTTOM	X					X			

HAZCAT ANALYSIS BY: R. Stubbs FIELD HAZCAT TESTING WITNESS: NBC
 HAZCAT TEST DATE: 11/2/10

RADIATION ☐ POSITIVE ☒ NEGATIVE
 REACTIVITY AIR ☒ NEG. ☐ POS. (IF AIR REACTIVE STOP TEST)
 PEROXIDE (Blue test pos) ☒ NEG. ☐ POS. (IF PEROXIDE STOP TEST)
 OXIDIZER (Black test pos) ☒ NEG. ☐ POS.
 pH (0-14) 3 TOP ☐ MID ☐ BOT ☐
 REACTIVITY H2O (IF H2O REACTIVE STOP TEST) ☒ NEG. ☐ POS. TOP ☐ MID ☐ BOT ☐

(If Radiation Detected Do Not Test Further)

	PHYS. STATE				COLOR	CLARITY			LAYER THICKNESS
	L	L	S	S		C	C	O	
LAYER	LI	QU	SOL	SL		CL	CL	OP	
THICKNESS	ID	ID	ID	UD		EA	UD	PA	INCHES
TOP	X					X			
MIDDLE	X				clear	X			
BOTTOM	X					X			

FLAMMABLE ☒ NEG. ☐ POS. TOP ☐ MID ☐ BOT ☐
 COPPER WIRE ☒ NEG. ☐ POS. TOP ☐ MID ☐ BOT ☐
 (Green flame pos.)

(S=SOLUBLE / P=PARTIALLY SOLUBLE / I=INSOLUBLE)

WATER SOLUBILITY ORGANIC SOLUBILITY (Hexane)
 TOP ☒ S ☐ P ☐ I TOP ☐ S ☐ P ☒ I
 MID ☐ S ☐ P ☐ I MID ☐ S ☐ P ☐ I
 BOT ☒ S ☐ P ☐ I BOT ☐ S ☐ P ☒ I

Choose the Classification Group(s)
☐ Base-Neutral ☐ Base ☐ Peroxide
☐ Organic ☒ Acid ☐ Oxidizer
☐ Halogen ☐ Flammable ☐ Reactive

COMMENTS Acid

OTIE HAZCAT - DRUM INVENTORY FORM

PRIOR TO ANY DRUM ACTIVITIES, GROUND DRUM (USE ONLY NON-SPARKING TOOLS)

SITE NAME Dawson Forest Marblehead Drum ER TDD# 05-001-0119 Drum # 31
 LOCATION (City, County, State) Dawsonville, Dawson County, Georgia
 OSC Name Alyssa Hughes SAMPLER Ryan Stubbs/Nairimer Berrios-Cartagena
 DATE SAMPLED 11/2/10 TIME SAMPLED 11:26 WEATHER cloudy TEMPERATURE (F) _____

DRUM TYPE: ☐ FIBER ☒ STEEL ☐ POLY ☐ STAINLESS STEEL ☐ NICKEL
☐ POLY - LINED ☒ RING TOP ☐ CLOSED TOP ☐ OVERPACKED ☐ OTHER _____

DRUM CONDITION: ☐ MEETS DOT SPEC ☐ GOOD ☐ FAIR ☒ POOR
 DRUM SIZE: ☐ 85 ☒ 55 ☐ 42 ☐ 30 ☐ 16 ☐ 10 ☐ 5 ☐ OTHER
 DRUM CONTENTS: ☐ FULL ☐ 3/4 ☐ 1/2 ☐ 1/4 ☒ < 1/4 ☐ EMPTY white solid

DRUM LABELS / MARKINGS
 CHEMICAL NAME unknown (white solid)
 MFG. NAME _____
 ADDITIONAL INFORMATION _____

FIELD READINGS		RADIATION BACKGROUND		RADIATION READING		PHYS. STATE		COLOR		CLARITY		LAYER THICKNESS	
PID	FID	OTHER	% LEL/O2:	mrem/hr	mrem/hr	L	S	G	S	C	C	O	INCHES
384 ppm	1280 ppm			1-1.2	26hgd								
						TOP							
						MIDDLE			white				
						BOTTOM							

IF RAD ABOVE 5 REM STOP

HAZCAT ANALYSIS BY: R. Stubbs WITNESS: NBC
 HAZCAT TEST DATE: 11/2/10

RADIATION		POSITIVE		NEGATIVE		(If Radiation Detected Do Not Test Further)											
REACTIVITY AIR	NEG.	POS.	(IF AIR REACTIVE STOP TEST)			L	S	G	S	C	C	O	INCHES				
PEROXIDE (Blue test pos.)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	(IF PEROXIDE STOP TEST)														
OXIDIZER (Black test pos.)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	2.0 ppm NS 11/3/10														
pH (0-14)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	7.3			TOP											
REACTIVITY H2O (IF H2O REACTIVE STOP TEST)	<input checked="" type="checkbox"/>	<input type="checkbox"/>				MIDDLE			white								
	<input checked="" type="checkbox"/>	<input type="checkbox"/>				BOTTOM											
FLAMMABLE	<input checked="" type="checkbox"/>	<input type="checkbox"/>	TOP														
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	MID														
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	BOT														
COPPER WIRE (Green flame pos.)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	TOP														
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	MID														
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	BOT														
(S=SOLUBLE / P=PARTIALLY SOULUBLE / I=INSOLUBLE)						Choose the Classification Group(s)											
WATER SOLUBILITY						<input type="checkbox"/> Base-Neutral <input type="checkbox"/> Base <input checked="" type="checkbox"/> Peroxide <input type="checkbox"/> Organic <input checked="" type="checkbox"/> Acid <input type="checkbox"/> Oxidizer <input type="checkbox"/> Halogen <input type="checkbox"/> Flammable <input type="checkbox"/> Reactive											
ORGANIC SOLUBILITY (Hexane)																	
TOP	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	TOP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
MID	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	MID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
BOT	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	BOT	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				

COMMENTS: Peroxide + acid Retested for peroxide and negative.

OTIE HAZCAT - DRUM INVENTORY FORM

PRIOR TO ANY DRUM ACTIVITIES, GROUND DRUM (USE ONLY NON-SPARKING TOOLS)

SITE NAME Dawson Forest ~~Marblehead~~ Drum ER _____ TDD# 05-001-0119 Drum # 32
 LOCATION (City, County, State) _____ Dawsonville, Dawson County, Georgia
 OSC Name Alyssa Hughes SAMPLER Ryan Stubbs/Nairimer Berrios-Cartagena
 DATE SAMPLED 11/2/10 TIME SAMPLED 1232 WEATHER cloudy TEMPERATURE (F) _____

DRUM TYPE: ☐ FIBER ☒ STEEL ☐ POLY ☐ STAINLESS STEEL ☐ NICKEL
☐ POLY - LINED ☒ RING TOP ☐ CLOSED TOP ☐ OVERPACKED ☐ OTHER _____

DRUM CONDITION: ☐ MEETS DOT SPEC ☐ GOOD ☐ FAIR ☒ POOR
 DRUM SIZE: ☐ 85 ☒ 55 ☐ 42 ☐ 30 ☐ 16 ☐ 10 ☐ 5 ☐ OTHER _____
 DRUM CONTENTS: ☐ FULL ☐ 3/4 ☒ 1/2 ☐ 1/4 ☐ < 1/4 ☐ EMPTY solid grey sludge and clear solid sludge

DRUM LABELS / MARKINGS
 CHEMICAL NAME unknown (solid sludge)
 MFG. NAME _____
 ADDITIONAL INFORMATION _____

FIELD READINGS
 RADIATION BACKGROUND 1.2 mrem/hr
 RADIATION READING 2.6 mrem/hr
 (PID) 535 ppm
 FID 712 ppm
 OTHER _____
 IF RAD ABOVE 5 REM STOP

	PHYS. STATE				COLOR	CLARITY			LAYER THICKNESS
LAYER	L	S	G	S		C	C	O	
TOP									
MIDDLE									
BOTTOM									

HAZCAT ANALYSIS BY: R. Stubbs FIELD HAZCAT TESTING WITNESS: NBC
 HAZCAT TEST DATE: 11/2/10

RADIATION ☐ POSITIVE ☒ NEGATIVE (If Radiation Detected Do Not Test Further)

REACTIVITY AIR ☒ NEG. ☐ POS. (IF AIR REACTIVE STOP TEST)

PEROXIDE (Blue test pos) ☒ NEG. ☐ POS. (IF PEROXIDE STOP TEST)

OXIDIZER (Black test pos) 11/3/10 ☒ NEG. ☐ POS. 2.7 ppm 11/3/10

pH (0-14) _____ TOP _____ MID _____ BOT _____

REACTIVITY H2O (IF H2O REACTIVE STOP TEST) ☒ NEG. ☐ POS. TOP _____ MID _____ BOT _____

FLAMMABLE ☐ NEG. ☒ POS. TOP _____ MID _____ BOT _____

COPPER WIRE ☒ NEG. ☐ POS. TOP _____ MID _____ BOT _____

(S=SOLUBLE / P=PARTIALLY SOULUBLE / I=INSOLUBLE)

WATER SOLUBILITY TOP ☐ S ☐ P ☒ I MID ☐ S ☐ P ☒ I BOT ☐ S ☐ P ☒ I

ORGANIC SOLUBILITY (Hexane) TOP ☐ S ☐ P ☒ I MID ☐ S ☐ P ☒ I BOT ☐ S ☐ P ☒ I

Choose the Classification Group(s)
☒ Base/Neutral ☐ Base ☒ Peroxide 11/3/10
☐ Organic ☒ Acid 11/3/10 ☐ Oxidizer
☐ Halogen ☒ Flammable ☐ Reactive

COMMENTS Acid as peroxide, flammable
Re-tested at office for peroxide and negative

OTIE HAZCAT - DRUM INVENTORY FORM

PRIOR TO ANY DRUM ACTIVITIES, GROUND DRUM (USE ONLY NON-SPARKING TOOLS)

SITE NAME Dawson Forest ~~Marblehead~~ Drum ER TDD# 05-001-0119 Drum # 33
 LOCATION (City, County, State) Dawsonville, Dawson County, Georgia
 OSC Name Alyssa Hughes SAMPLER Ryan Stubbs/Nairimer Berrios-Cartagena
 DATE SAMPLED 11/2/10 TIME SAMPLED 10:40 WEATHER cloudy TEMPERATURE (F)

DRUM TYPE: ☐ FIBER ☒ STEEL ☐ POLY ☐ STAINLESS STEEL ☐ NICKEL
☐ POLY - LINED ☐ RING TOP ☒ CLOSED TOP ☐ OVERPACKED ☐ OTHER

DRUM CONDITION: ☐ MEETS DOT SPEC ☐ GOOD ☐ FAIR ☒ POOR
 DRUM SIZE: ☐ 85 ☒ 55 ☐ 42 ☐ 30 ☐ 16 ☐ 10 ☐ 5 ☐ OTHER mb
 DRUM CONTENTS: ☐ FULL ☒ 3/4 ☐ 1/2 ☐ 1/4 ☐ < 1/4 ☐ EMPTY 75% liq / 25% sludge

DRUM LABELS / MARKINGS
 CHEMICAL NAME unknown
 MFG. NAME
 ADDITIONAL INFORMATION

FIELD READINGS
 RADIATION BACKGROUND 1-1.2 mrem/hr
 RADIATION READING 25kgs mrem/hr
 PID 11 PPM
 FID 299 PPM
 OTHER
 IF RAD ABOVE 5 REM STOP

	PHYS. STATE				COLOR	CLARITY			LAYER THICKNESS
	L	L	S	S		C	C	O	
LAYER	LIQUID	SOLID	GEL	SLUDGE		CLEAR	CLOUDY	OPAQUE	INCHES
TOP					beige				
MIDDLE	X				amber			X	
BOTTOM				X	amber				

HAZCAT ANALYSIS BY: R. Stubbs FIELD HAZCAT TESTING WITNESS: NBC
 HAZCAT TEST DATE: 11/2/10

RADIATION ☐ POSITIVE ☒ NEGATIVE (If Radiation Detected Do Not Test Further)

REACTIVITY AIR ☒ NEG. ☐ POS. (IF AIR REACTIVE STOP TEST)

PEROXIDE (Blue test pos) ☒ NEG. ☐ POS. (IF PEROXIDE STOP TEST)

OXIDIZER (Black test pos) ☒ NEG. ☐ POS.

pH (0-14) 10

REACTIVITY H2O (IF H2O REACTIVE STOP TEST) ☒ NEG. ☐ POS.

FLAMMABLE ☒ NEG. ☐ POS.

COPPER WIRE ☒ NEG. ☐ POS. (Green flame pos.)

(S=SOLUBLE / P=PARTIALLY SOULUBLE / I=INSOLUBLE)

WATER SOLUBILITY: TOP ☒ S ☐ P ☐ I; MID ☐ S ☐ P ☐ I; BOT ☒ S ☐ P ☐ I

ORGANIC SOLUBILITY (Hexane): TOP ☐ S ☐ P ☒ I; MID ☐ S ☐ P ☐ I; BOT ☐ S ☐ P ☒ I

Choose the Classification Group(s): ☐ Base-Neutral ☒ Base ☐ Peroxide; ☐ Organic ☐ Acid ☐ Oxidizer; ☐ Halogen ☐ Flammable ☐ Reactive

COMMENTS Base

OTIE HAZCAT - DRUM INVENTORY FORM

PRIOR TO ANY DRUM ACTIVITIES, GROUND DRUM (USE ONLY NON-SPARKING TOOLS)

SITE NAME Dawson Forest Marblehead Drum ER TDD# 05-001-0119 Drum # 34
 LOCATION (City, County, State) Dawsonville, Dawson County, Georgia
 OSC Name Alyssa Hughes SAMPLER Ryan Stubbs/Nairimer Berrios-Cartagena
 DATE SAMPLED 11/2/10 TIME SAMPLED 1247 WEATHER cloudy TEMPERATURE (F) 50/50

DRUM TYPE: ☐ FIBER ☒ STEEL ☐ POLY ☐ STAINLESS STEEL ☐ NICKEL
☐ POLY - LINED ☐ RING TOP ☒ CLOSED TOP ☐ OVERPACKED ☐ OTHER

DRUM CONDITION: ☐ MEETS DOT SPEC ☐ GOOD ☐ FAIR ☒ POOR
 DRUM SIZE: ☐ 85 ☒ 55 ☐ 42 ☐ 30 ☐ 16 ☐ 10 ☐ 5 ☐ OTHER
 DRUM CONTENTS: ☐ FULL ☐ 3/4 ☐ 1/2 ☒ 1/4 ☐ < 1/4 ☐ EMPTY liq/solid

DRUM LABELS / MARKINGS
 CHEMICAL NAME unknown
 MFG. NAME Elasto Spray Inc 8000A Isocyanate
 ADDITIONAL INFORMATION Base Lot # dm3310010b
mat #: 55535240

FIELD READINGS		PHYS. STATE		COLOR	CLARITY	LAYER THICKNESS
RADIATION BACKGROUND	<u>1-1.2</u> mrem/hr	L	L			INCHES
RADIATION READING	<u>26hgd</u> mrem/hr	LI	LI			
PID <u>4ppm</u>	% LEL/O2:	S	S			
FID <u>40ppm</u>		G	G			
OTHER		SL	SL			
		UD	UD			
		GE	GE			
		TOP	TOP			
		MIDDLE	MIDDLE			
		BOTTOM	BOTTOM			

IF RAD ABOVE 5 REM STOP

HAZCAT ANALYSIS BY: NBC FIELD HAZCAT TESTING WITNESS: RS
 HAZCAT TEST DATE: 11/2/10

RADIATION ☐ POSITIVE ☒ NEGATIVE (If Radiation Detected Do Not Test Further)

REACTIVITY AIR ☒ NEG. ☐ POS. (IF AIR REACTIVE STOP TEST)

PEROXIDE (Blue test pos) ☒ NEG. ☐ POS. (IF PEROXIDE STOP TEST)

OXIDIZER (Black test pos) ☒ NEG. ☐ POS. TOP ☐ MID ☐ BOT

pH (0-14) PH=5

REACTIVITY H2O (IF H2O REACTIVE STOP TEST) ☒ NEG. ☐ POS. TOP ☐ MID ☐ BOT

FLAMMABLE ☒ NEG. ☐ POS. TOP ☐ MID ☐ BOT

COPPER WIRE (Green flame pos.) ☒ NEG. ☐ POS. TOP ☐ MID ☐ BOT

(S=SOLUBLE / P=PARTIALLY SOULUBLE / I=INSOLUBLE)

WATER SOLUBILITY TOP ☒ S ☐ P ☐ I MID ☐ S ☐ P ☐ I BOT ☐ S ☐ P ☐ I

ORGANIC SOLUBILITY (Hexane) TOP ☐ S ☐ P ☐ I MID ☐ S ☐ P ☐ I BOT ☐ S ☐ P ☐ I

Choose the Classification Group(s)
☒ Base-Neutral ☐ Base ☐ Peroxide
☐ Organic ☐ Acid ☐ Oxidizer
☐ Halogen ☐ Flammable ☐ Reactive

COMMENTS Neutral / Retested at office for peroxide and was negative.

OTIE HAZCAT - DRUM INVENTORY FORM

PRIOR TO ANY DRUM ACTIVITIES, GROUND DRUM (USE ONLY NON-SPARKING TOOLS)

SITE NAME Dawson Forest ~~Marblehead~~ Drum ER TDD# 05-001-0119 Drum # 35
LOCATION (City, County, State) Dawsonville, Dawson County, Georgia
OSC Name Alyssa Hughes SAMPLER Ryan Stubbs/Nairimer Berrios-Cartagena
DATE SAMPLED 11/1/2010 TIME SAMPLED 1:56 WEATHER cloudy TEMPERATURE (F) 60

DRUM TYPE: ☐ FIBER ☒ STEEL ☐ POLY ☐ STAINLESS STEEL ☐ NICKEL
☐ POLY - LINED ☐ RING TOP ☐ CLOSED TOP ☐ OVERPACKED ☒ OTHER *no top*

DRUM CONDITION: ☐ MEETS DOT SPEC ☐ GOOD ☐ FAIR ☒ POOR
 DRUM SIZE: ☐ 85 ☒ 55 ☐ 42 ☐ 30 ☐ 16 ☐ 10 ☐ 5 ☐ OTHER
 DRUM CONTENTS: ☐ FULL ☐ 3/4 ☐ 1/2 ☐ 1/4 ☒ < 1/4 ☒ EMPTY

DRUM LABELS / MARKINGS

CHEMICAL NAME unknown ~~no sample~~

MFG. NAME _____

ADDITIONAL INFORMATION less than an inch in drum

FIELD READINGS		PHYS. STATE		COLOR	CLARITY			LAYER THICKNESS
RADIATION BACKGROUND	1-1.2	mrem/hr						
RADIATION READING	264gd	mrem/hr						
PID 38ppm								
FID 131ppm								
OTHER								
IF RAD ABOVE 5 REM STOP								

FIELD HAZCAT TESTING

HAZCAT ANALYSIS BY: RCS WITNESS: NBC

HAZCAT TEST DATE: 11/2/10

☐ RADIATION
☒ POSITIVE
☒ NEGATIVE

REACTIVITY AIR
☒ NEG. ☐ POS. (IF AIR REACTIVE STOP TEST)

PEROXIDE
 (Blue test pos)
☒ NEG. ☐ POS. (IF PEROXIDE STOP TEST)

OXIDIZER
 (Black test pos)
☒ NEG. ☐ POS.

pH (0-14)
 _____ TOP
 _____ MID
 _____ BOT

REACTIVITY H₂O
 (IF H₂O REACTIVE STOP TEST)
☒ NEG. ☐ POS.

TOP
 MID
 BOT

(S=SOLUBLE / P=PARTIALLY SOLUBLE / I=INSOLUBLE)

WATER SOLUBILITY
 TOP ☐ S ☐ P ☒ I
 MID ☐ S ☐ P ☒ I
 BOT ☐ S ☐ P ☒ I

ORGANIC SOLUBILITY (Hexane)
 TOP ☐ S ☒ P ☐ I
 MID ☐ S ☒ P ☐ I
 BOT ☐ S ☒ P ☐ I

FLAMMABLE
☒ NEG. ☐ POS.

TOP
 MID
 BOT

COPPER WIRE
 (Green flame pos)
☒ NEG. ☐ POS.

TOP
 MID
 BOT

Choose the Classification Group(s)
☒ Base ☐ Base ☐ Peroxide
☐ Organic ☐ Acid ☐ Oxidizer
☐ Halogen ☐ Flammable ☐ Reactive

COMMENTS: Neutral

OTIE HAZCAT - DRUM INVENTORY FORM

PRIOR TO ANY DRUM ACTIVITIES, GROUND DRUM (USE ONLY NON-SPARKING TOOLS)

SITE NAME Dawson Forest Marblehead Drum ER TDD# 05-001-0119 Drum # 36
 LOCATION (City, County, State) Dawsonville, Dawson County, Georgia
 OSC Name Alyssa Hughes SAMPLER Ryan Stubbs/Nairimer Berrios-Cartagena
 DATE SAMPLED 11/2/10 TIME SAMPLED 1301 WEATHER cloudy TEMPERATURE (F)

DRUM TYPE: ☐ FIBER ☒ STEEL ☐ POLY ☐ STAINLESS STEEL ☐ NICKEL
☐ POLY - LINED ☐ RING TOP ☒ CLOSED TOP ☐ OVERPACKED ☐ OTHER

DRUM CONDITION: ☐ MEETS DOT SPEC ☐ GOOD ☐ FAIR ☒ POOR
 DRUM SIZE: ☐ 85 ☒ 55 ☐ 42 ☐ 30 ☐ 16 ☐ 10 ☐ 5 ☐ OTHER
 DRUM CONTENTS: ☒ FULL ☐ 3/4 ☐ 1/2 ☐ 1/4 ☐ < 1/4 ☐ EMPTY Sludge / heavy material

CHEMICAL NAME unknown (has a flammable liquid label)
 MFG. NAME
 ADDITIONAL INFORMATION

FIELD READINGS
 RADIATION BACKGROUND 1-1.2 mrem/hr
 RADIATION READING < 6400 mrem/hr
 (ID) 400 PPM % LEL/O2:
 FID → 6400 PPM
 OTHER
 IF RAD ABOVE 5 REM STOP

	PHYS. STATE			COLOR	CLARITY			LAYER THICKNESS
	L	S	G		C	C	O	
LAYER	L	S	G		C	C	O	
TOP								
MIDDLE								
BOTTOM								

HAZCAT ANALYSIS BY: NBC FIELD HAZCAT TESTING WITNESS: RS
 HAZCAT TEST DATE: 11/2/10

RADIATION ☐ POSITIVE ☒ NEGATIVE (If Radiation Detected Do Not Test Further)

REACTIVITY AIR ☒ NEG. ☐ POS. (IF AIR REACTIVE STOP TEST)

PEROXIDE (Blue test pos) ☒ NEG. ☐ POS. can't be determined (IF PEROXIDE STOP TEST)

OXIDIZER (Black test pos) ☐ NEG. ☐ POS. can't be determined

pH (0-14) TOP MID BOT can't be determine

REACTIVITY H2O (IF H2O REACTIVE STOP TEST) ☒ NEG. ☐ POS. can't be determined

FLAMMABLE ☐ NEG. ☒ POS. can't be determined

COPPER WIRE (Green flame pos.) ☒ NEG. ☐ POS. can't be determined

	PHYS. STATE			COLOR	CLARITY			LAYER THICKNESS
	L	S	G		C	C	O	
LAYER	L	S	G		C	C	O	
TOP								
MIDDLE								
BOTTOM								

(S=SOLUBLE / P=PARTIALLY SOULUBLE / I=INSOLUBLE)

WATER SOLUBILITY ORGANIC SOLUBILITY (Hexane)

TOP ☐ S ☐ P ☒ I TOP ☐ S ☐ P ☒ I

MID ☐ S ☐ P ☒ I MID ☐ S ☐ P ☒ I

BOT ☐ S ☐ P ☒ I BOT ☐ S ☐ P ☒ I

Choose the Classification Group(s)

☐ Base-Neutral ☐ Base ☐ Peroxide

☐ Organic ☐ Acid ☐ Oxidizer

☐ Halogen ☒ Flammable ☐ Reactive

COMMENTS Flammable

OTIE HAZCAT - DRUM INVENTORY FORM

PRIOR TO ANY DRUM ACTIVITIES, GROUND DRUM (USE ONLY NON-SPARKING TOOLS)

SITE NAME Dawson Forest Marblehead Drum ER TDD# 65-001-0119 Drum # 37
 LOCATION (City, County, State) Dawsonville, Dawson County, Georgia
 OSC Name Alyssa Hughes SAMPLER Ryan Stubbs/Nairimer Berrios-Cartagena
 DATE SAMPLED 11/2/10 TIME SAMPLED 13:09 WEATHER cloudy TEMPERATURE (F) _____

DRUM TYPE: ☐ FIBER ☒ STEEL ☐ POLY ☐ STAINLESS STEEL ☐ NICKEL
☐ POLY-LINED ☒ RING TOP ☐ CLOSED TOP ☐ OVERPACKED ☐ OTHER _____

DRUM CONDITION: ☐ MEETS DOT SPEC ☐ GOOD ☐ FAIR ☒ POOR
 DRUM SIZE: ☐ 85 ☒ 55 ☐ 42 ☐ 30 ☐ 16 ☐ 10 ☐ 5 ☐ OTHER _____
 DRUM CONTENTS: ☐ FULL ☐ 3/4 ☐ 1/2 ☒ 1/4 ☐ < 1/4 ☐ EMPTY grey sludge solid bottom

CHEMICAL NAME unknown (grey sludge) DRUM LABELS / MARKINGS _____
 MFG. NAME _____
 ADDITIONAL INFORMATION _____

FIELD READINGS
 RADIATION BACKGROUND 1-1.2 mrem/hr
 RADIATION READING 2.6 mrad mrem/hr
 PID 541 PPM
 FID 2400 PPM
 OTHER _____
 IF RAD ABOVE 5 REM STOP

	PHYS. STATE				COLOR	CLARITY			LAYER THICKNESS
LAYER	L	S	G	S		C	C	O	
QUIDS	L	S	G	S		C	C	O	
IDS	L	S	G	S		C	C	O	
TOP									
MIDDLE									
BOTTOM		X		X	grey			X	

HAZCAT ANALYSIS BY: NBC FIELD HAZCAT TESTING WITNESS: RS
 HAZCAT TEST DATE: 11/2/10

RADIATION ☐ POSITIVE ☒ NEGATIVE
 REACTIVITY AIR ☒ NEG. ☐ POS. (IF AIR REACTIVE STOP TEST)
 PEROXIDE (Blue test pos) ☒ NEG. ☐ POS. 25 ppm RS (IF PEROXIDE STOP TEST)
 OXIDIZER (Black test pos) ☒ NEG. ☐ POS.
 pH (0-14) 11/3/10 ☒ TOP ☐ MID ☐ BOT pH = 10
 REACTIVITY H2O (IF H2O REACTIVE STOP TEST) ☒ NEG. ☐ POS. ☐ TOP ☐ MID ☐ BOT

(If Radiation Detected Do Not Test Further)

	PHYS. STATE				COLOR	CLARITY			LAYER THICKNESS
LAYER	L	S	G	S		C	C	O	
QUIDS	L	S	G	S		C	C	O	
IDS	L	S	G	S		C	C	O	
TOP									
MIDDLE									
BOTTOM									

FLAMMABLE ☒ NEG. ☐ POS. ☐ TOP ☐ MID ☐ BOT
 COPPER WIRE ☒ NEG. ☐ POS. ☐ TOP ☐ MID ☐ BOT
 (Green flame pos.)

(S=SOLUBLE / P=PARTIALLY SOLUBLE / I=INSOLUBLE)

WATER SOLUBILITY ORGANIC SOLUBILITY (Hexane)
 TOP ☒ S ☐ P ☐ I TOP ☐ S ☐ P ☒ I
 MID ☐ S ☐ P ☐ I MID ☐ S ☐ P ☐ I
 BOT ☐ S ☐ P ☐ I BOT ☐ S ☐ P ☐ I

Choose the Classification Group(s)
☐ Base-Neutral ☒ Base ☐ Peroxide
☐ Organic ☐ Acid ☐ Oxidizer
☐ Halogen ☐ Flammable ☐ Reactive

COMMENTS Base

OTIE HAZCAT - DRUM INVENTORY FORM

PRIOR TO ANY DRUM ACTIVITIES, GROUND DRUM (USE ONLY NON-SPARKING TOOLS)

SITE NAME Dawson Forest Marblehead Drum ER TDD# 05-001-0119 Drum # 38
 LOCATION (City, County, State) Dawsonville, Dawson County, Georgia
 OSC Name Alyssa Hughes SAMPLER Ryan Stubbs/Nairimer Berrios-Cartagena
 DATE SAMPLED 11/2/10 TIME SAMPLED 1315 WEATHER cloudy TEMPERATURE (F)

DRUM TYPE: ☐ FIBER ☒ STEEL ☐ POLY ☐ STAINLESS STEEL ☐ NICKEL
☐ POLY - LINED ☐ RING TOP ☒ CLOSED TOP ☐ OVERPACKED ☐ OTHER

DRUM CONDITION: ☐ MEETS DOT SPEC ☐ GOOD ☐ FAIR ☒ POOR
 DRUM SIZE: ☐ 85 ☒ 55 ☐ 42 ☐ 30 ☐ 16 ☐ 10 ☐ 5 ☐ OTHER
 DRUM CONTENTS: ☒ FULL ☐ 3/4 ☐ 1/2 ☐ 1/4 ☐ < 1/4 ☐ EMPTY trash

DRUM LABELS / MARKINGS
 CHEMICAL NAME unknown (steel pieces) *no sample
 MFG. NAME
 ADDITIONAL INFORMATION

FIELD READINGS		PHYS. STATE		COLOR	CLARITY	LAYER THICKNESS
RADIATION BACKGROUND	<u>1-1.2</u> mrem/hr	L	L			INCHES
RADIATION READING	<u>26kcpd</u> mrem/hr	Q	U			
PID	<u>70ppm</u>	S	I			
FID	<u></u>	D	D			
OTHER	<u></u>	G	E			
		L	S			
		Q	U			
		S	I			
		D	D			
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